

**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)**



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Contents

Intellectual Property Rights	6
Foreword.....	6
1 Scope	7
2 References	7
3 Definitions and abbreviations.....	8
3.1 Definitions	8
3.2 Abbreviations	8
4 Test Purpose generalities.....	9
4.1 Introduction	9
4.2 Grouping of Test Purposes per elementary procedures	9
4.3 Source of Test Purpose definitions.....	9
4.4 Method used for developing TPs.....	9
4.4.1 Use of MSCs generated by the SDL model of Core INAP CS3	9
4.4.2 TCAP adapter primitives	10
4.4.3 Generation of corresponding Test Cases	10
4.5 Method used for TP description	10
4.5.1 Text and MSCs	10
4.5.2 Test categories	10
4.5.3 Test purpose naming convention	11
4.5.4 Preambles and their naming conventions.....	11
4.5.5 How to interpret the parameters and their values as used in the MSCs	12
5 Test configuration	13
6 Overview of TSS and TP for CPH functions	14
6.1 Introduction	14
6.2 CPH procedures.....	14
6.2.1 List of procedures for CPH.....	14
6.2.2 Definitions of the CPH procedures	15
6.2.2.1 ContinueWithArgument procedure	15
6.2.2.2 ReleaseCall procedure.....	15
6.2.2.3 SplitLeg procedure.....	15
6.2.2.4 DisconnectLeg procedure.....	15
6.2.2.5 MoveLeg procedure	15
6.2.2.6 MergeCallSegments procedure	15
6.2.2.7 CreateCallSegmentAssociation.....	15
6.2.2.8 MoveCallSegments	15
6.3 Structure of the test suite (TSS) for CPH	16
6.4 Notations	16
6.4.1 Names of preambles and postambles	16
6.4.2 TTCN-like notation for preamble, test case and postamble description	17
6.4.3 Representation of preambles, postambles and Test Purposes using MSCs.....	17
6.4.4 How to interpret the parameters and their values as used in the MSCs	17
6.4.4.1 General	17
6.4.4.2 INAP operation parameters and their values.....	18
6.4.4.3 Cause values related to signalling connection release messages.....	18
6.4.4.4 TCAP operation parameters and their values.....	19
7 Preambles and postambles for CPH	19
7.1 Preamble descriptions.....	19
7.1.1 Originating preamble trees.....	19
7.1.1.1 Preamble O_OS_null_null	19
7.1.1.2 Preamble O_OSA_null_null	19
7.1.1.3 Preamble O_S2P_null_null.....	20
7.1.1.4 Preamble O_S1P_1P_null	20

7.1.1.5	Preamble O_S1P_OS_null	20
7.1.1.6	Preamble O_S1P_OSB_null	20
7.1.1.7	Preamble O_S1P_S2P_null	21
7.1.1.8	Preamble O_S1P_S1P_S2P	21
7.1.1.9	Preamble O_null_S2PP_S2P	21
7.1.1.10	Preamble O_null_null_S4P	21
7.1.1.11	Preamble O_null_S2P_S3PP	21
7.1.1.12	Preamble O_null_S1P_S3PP_S2P	22
7.1.1.13	Preamble O_null_S3P_S3PP	22
7.1.1.14	Preamble O_null_S2PP_S3PP_S2P	22
7.1.1.15	Preamble O_null_S4P_S3PP	23
7.1.1.16	Preamble O_null_S3PP_S3PP_S2P	23
7.1.1.17	Preamble O_null_S3P_null	23
7.1.2	Terminating preamble trees	23
7.1.2.1	Preamble T_TS_null_null	23
7.1.2.2	Preamble T_TSA_null_null	23
7.1.2.3	Preamble T_TSB_S1P_null	24
7.1.2.4	Preamble T_S2P_null_null	24
7.1.2.5	Preamble T_1P_FW_null	24
7.1.2.6	Preamble T_S2P_S1P_null	25
7.1.2.7	Preamble T_null_S3P_null	25
7.1.2.8	Preamble T_null_S2PP_S2P	25
7.1.2.9	Preamble T_null_null_S4P	25
7.1.3	InitiateCallAttempt preamble trees	26
7.1.3.1	Preamble I_OS1_null_null	26
7.1.3.2	Preamble I_S1P_null_null	26
7.1.3.3	Preamble I_S1P_S1P_null	26
7.1.3.4	Preamble I_S1P_S1P_S1P	26
7.1.3.5	Preamble I_null_S2PP_S1P	27
7.1.3.6	Preamble I_null_null_S3PP	27
7.1.3.7	Preamble I_null_S2PP_null	27
7.1.3.8	Preamble I_S1P_FW_null	28
7.1.4	Event Detecting/Report rules Preambles	28
7.1.4.1	Preamble O_S2P_null_null_controlling	28
7.1.4.2	Preamble O_S1P_S2P_null_controlling	29
7.1.4.3	Preamble O_null_S3P_null_controlling	29
7.1.4.4	Preamble O_null_S2PP_S2P_controlling	29
7.1.4.5	Preamble O_null_null_S4P_controlling	29
7.1.4.6	Preamble O_S2P_null_null_passive	30
7.1.4.7	Preamble O_S1P_OS_null_passive	30
7.1.4.8	Preamble O_S1P_S2P_null_passive	30
7.1.4.9	Preamble O_null_S3P_null_passive	31
7.1.4.10	Preamble O_null_S2PP_OS_passive	31
7.1.4.11	Preamble O_null_S2PP_S2P_passive	31
7.1.4.12	Preamble O_null_null_S4P_passive	31
7.1.4.13	Preamble I_S1P_S1P_null_passive	32
7.1.4.14	Preamble I_null_S2PP_null_passive	32
7.1.4.15	Preamble T_TS_null_null_controlling	32
7.1.4.16	Preamble T_S2P_null_null_controlling	33
7.1.4.17	Preamble T_S2P_S1P_null_controlling	33
7.1.4.18	Preamble T_null_S3P_null_controlling	33
7.1.4.19	Preamble T_null_S3P_S1P_controlling	33
7.1.4.20	Preamble T_null_null_S4P_controlling	34
7.1.4.21	Preamble T_S2P_null_null_passive	34
7.1.4.22	Preamble T_S2P_O1PS_null_passive	34
7.1.4.23	Preamble T_S2P_S1P_null_passive	34
7.1.4.24	Preamble T_null_S3P_null_passive	35
7.1.4.25	Preamble T_null_S3P_O1PS_passive	35
7.1.4.26	Preamble T_null_S3P_S1P_passive	35
7.1.4.27	Preamble T_null_null_S4P_passive	35
7.1.5	Preambles used together with the second CallSegmentAssociation	36
7.1.5.1	General	36

7.1.5.2	Preamble CSA2_null.....	36
7.1.5.3	Preamble CSA2_I_S1P_null_null.....	36
7.1.5.4	Preamble CSA2_O_S2P_null_null.....	36
7.1.5.5	Preamble CSA2_O_S1P_S2P_null.....	37
7.2	Postamble descriptions.....	37
8	Test Purpose (TP) descriptions for the test of CPH procedures.....	40
8.1	RequestReportBCSMEvent (RRB) procedure (CPH complement to basic procedure).....	40
8.2	ContinueWithArgument (CWA) procedure (CPH complement to basic procedure).....	43
8.3	SplitLeg (SL) procedure.....	54
8.4	MergeCallSegments (MECS) procedure.....	96
8.5	ReleaseCall (RC) procedure (CPH complement to basic procedure).....	160
8.6	DisconnectLeg (DL) procedure.....	172
8.7	MoveLeg (ML) procedure.....	204
8.8	CreateCallSegmentAssociation (CCSA) procedure.....	254
8.9	MoveCallSegments (MOCS) procedure.....	262
9	Test Purpose (TP) descriptions for the test of mixed call handling capabilities.....	342
9.1	Originating (O_BCSM) trigger (controlling legID = 1).....	342
9.2	Terminating (T_BCSM) trigger (controlling legID = 2).....	382
9.3	Network initiated.....	392
10	Test Purpose (TP) descriptions for testing arming/detecting rules.....	404
10.1	Originating (O) trigger.....	404
10.1.1	Events coming from the controlling leg (legID=1).....	404
10.1.1.1	All Passive legs are contained in a single Call Segment.....	404
10.1.1.1.1	Single event from the controlling leg.....	404
10.1.1.1.2	Multiple events from the controlling leg.....	408
10.1.1.2	Passive legs are contained in multiple Call Segments.....	410
10.1.1.2.1	Single event from the controlling leg.....	410
10.1.1.2.2	Multiple events from the controlling leg.....	414
10.1.2	Events coming from passive legs (legID= 2,3,4).....	416
10.1.2.1	Passive legs contained in multiple Call Segments.....	416
10.1.2.1.1	Single event from a single passive leg.....	416
10.1.2.1.2	Multiple events from a single passive leg.....	426
10.1.2.1.3	Multiple events from multiple passive legs in the same call segment.....	428
10.1.2.2	All Passive legs contained in a single Call Segment.....	432
10.1.2.2.1	Single event from a single passive leg.....	432
10.1.2.2.2	Multiple events from a single passive leg.....	436
10.1.2.2.3	Multiple events from multiple passive legs in the same call segment.....	438
10.2	Terminating (T) trigger.....	440
10.2.1	Events coming from the controlling leg (legID=2).....	440
10.2.1.1	Single event from the controlling leg.....	440
10.2.1.2	Multiple events from the controlling leg.....	452
10.2.2	Events coming from passive legs (legID= 1,3,4).....	460
10.2.2.1	Passive legs contained in multiple Call Segments.....	460
10.2.2.1.1	Single event from a single passive leg.....	460
10.2.2.1.2	Multiple events from multiple passive legs in the same call segment.....	468
10.2.2.2	All Passive legs contained in a single Call Segment.....	472
10.2.2.2.1	Single event from a single passive leg.....	472
10.2.2.2.2	Multiple events from a single passive leg.....	476
History	478

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Services and Protocols for Advanced Networks (SPAN), and is now submitted for the ETSI standards One-step Approval Procedure.

The present document is part 2 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)".

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1 Scope

The present document contains the Test Suite Structure and Test Purposes (TSS&TP) for Call Party Handling (CPH), part of CoreINAP CS-3.

The present document provides the Test Suite Structure and Test Purposes (TSS&TP) for the testing of the Call Party Handling (CPH) 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 301 931-1 [5] (Call party handling functions) and EN 301 933-3 [6] (Specialized resource 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.

- [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] ETSI EN 301 931-4: "Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Protocol specification; Part 4: SDLs for SCF-SSF interface".
- [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 301 933-3: "Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Test Suite and Structure and Test Purposes (TSS&TP) specification for Service Switching Function (SSF); Part 3: Specialized Resource Function (SRF)".
- [7] ETSI ES 201 296 (V1.2.2): "Integrated Services Digital Network (ISDN); Signalling System No.7; ISDN User Part (ISUP); Signalling aspects of charging".
- [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".

- [10] ITU-T Recommendation Q.1224: "Distributed functional plane for intelligent network Capability Set 2".

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
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
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

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 ATS.

4.2 Grouping of Test Purposes per elementary procedures

The Test Purposes are grouped by elementary procedures. A procedure groups elementary INAP operations which it is possible to test together. For each elementary procedure, are defined: how to invoke it; and what are the possible return results and return error(s) at the INAP interface.

NOTE: Some have no results at all at this INAP interface. In these cases, and to have a "visible" result, the PCO will be at the signalling control interface.

4.3 Source of Test Purpose definitions

The Test Purposes are based on the requirement documented in EN 301 931-1 [1] and EN 301 931-2 [2].

4.4 Method used for developing TPs

4.4.1 Use of MSCs generated by the SDL model of Core INAP CS3

The SDL model of INAP CS3 is specified with object oriented SDL (SDL"92") and specifies the behaviour of the SSF. The CS3 specification inherits the CS-1 and specifies the whole of CS-1 and CS-2. The SDL specification is the normative specification of the INAP behaviour and is contained in EN 301 931-4 [4].

The SDL model specifies precisely and unambiguously the behaviour of and the interworking between the different functional entities of the SSF. The external interfaces of the SDL model are two signalling control interfaces (SigConA and SigConB) carrying abstract primitives, and the INAP interfaces to the SCF. Mappings are provided from SigConA and SigConB to DSS.1 and ISUP. The behaviour of the SDL model thus resembles an SSP, and can be used for service emulation and the development of Test Purposes and test cases. MSCs delivered by this SDL model are used in the TP definition and are provided in addition to the descriptive text.

The development of the Test Purposes (TP) is done in two steps:

- a) the descriptive text is created together with a rough MSC defined by hand. It illustrates the basic behaviour in MSC-like form which is expected from the IUT. The rough MSC does not contain all the constraints in detail. The description makes reference to a preamble and a postamble;
- b) a detailed MSC is developed by simulation:
 - 1) system level MSC for Autolink (the tool used to automatically generate the TTCN test cases based on the MSCs and the SDL model);
 - 2) MSC for documentation of the TPs.

The reason for developing the detailed MSC by simulation is that it can be done step by step while the SDL model prompts the developer for the correct options and parameters.

The MSCs identify the different entities (SSF, SCF, SigCon A and B) involved in a given configuration and shows the different components used for a test, in term of the IUT (representing the SSF for instance) and the testers (representing the SCF and the SigCon A, B or C).

4.4.2 TCAP adapter primitives

In addition to showing the INAP protocol, and in order to ease the implementation of the test suite, the MSCs show the TCAP adapter primitives such as TC begin, TC continue, TC invoke and TC end and show using standard abbreviations the INAP operations which are embedded in the TCAP primitive, together with the operation arguments.

4.4.3 Generation of corresponding Test Cases

Using Computer Aided Test Generation techniques, TTCN test cases can be automatically generated from the SDL model. It is also possible to verify manually developed test cases against the SDL model.

4.5 Method used for TP description

4.5.1 Text and MSCs

In general, a TP is described using text presented in a table followed by an MSC.

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(tmp)	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".

The MSC which follows the TP description describes the test body, as the preambles and postambles are mostly defined by a single line in the MSC.

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			

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_SetupO1PS

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.

4.5.5 How to interpret the parameters and their values as used in the MSCs

The MSCs show the exchanges of PDUs of the TCAP protocol, as well as the Core INAP protocol. PDUs of both protocols use parameters.

The list of parameters for the TCAP protocol is recalled here for each TCAP primitives. Note that only mandatory parameters are used.

TCAP primitives from SCF to SSF:

TC_InvokeReq (InvokeID, Class, DialogueID, OperationCode, OperationArg, Timeout);

TC_BeginReq (DialogueID, OriginatingAddress);

TC_ContinueReq (DialogueID, OriginatingAddress);

TC_EndReq (DialogueID, Termination);

TC_AbortReq (DialogueID).

TCAP primitives from SSF to SCF:

```

TC_InvokeInd (InvokeID, DialogueID, OperationCode, OperationArg, LastComponent);
TC_BeginInd ( DialogueID, OriginatingAddress, ComponentPresent);
TC_ContinueInd ( DialogueID, OriginatingAddress, ComponentPresent);
TC_EndInd ( DialogueID, Termination, ComponentPresent);
TC_AbortInd ( DialogueID);
TC_ErrorInd (InvokeID, DialogueID, ErrorCode, LastComponent);
TC_ReturnResultInd (InvokeID, DialogueID, LastComponent, OperationCode, OperationArg);
TC_RejectInd (InvokeID, DialogueID).

```

The values of these parameters are either mandatory and imposed by the specifications, or they are informative only and chosen arbitrarily in ranges compatible with the specifications.

Some preambles contain references to an ASP Mgt_SetTriggerTable. This does not exist in the protocol, but in the SDL model it allows which Trigger Detection points need to be set before commencing the test case.

5 Test configuration

Figure 1 shows the test configuration assumed for the CPH Test Purposes.

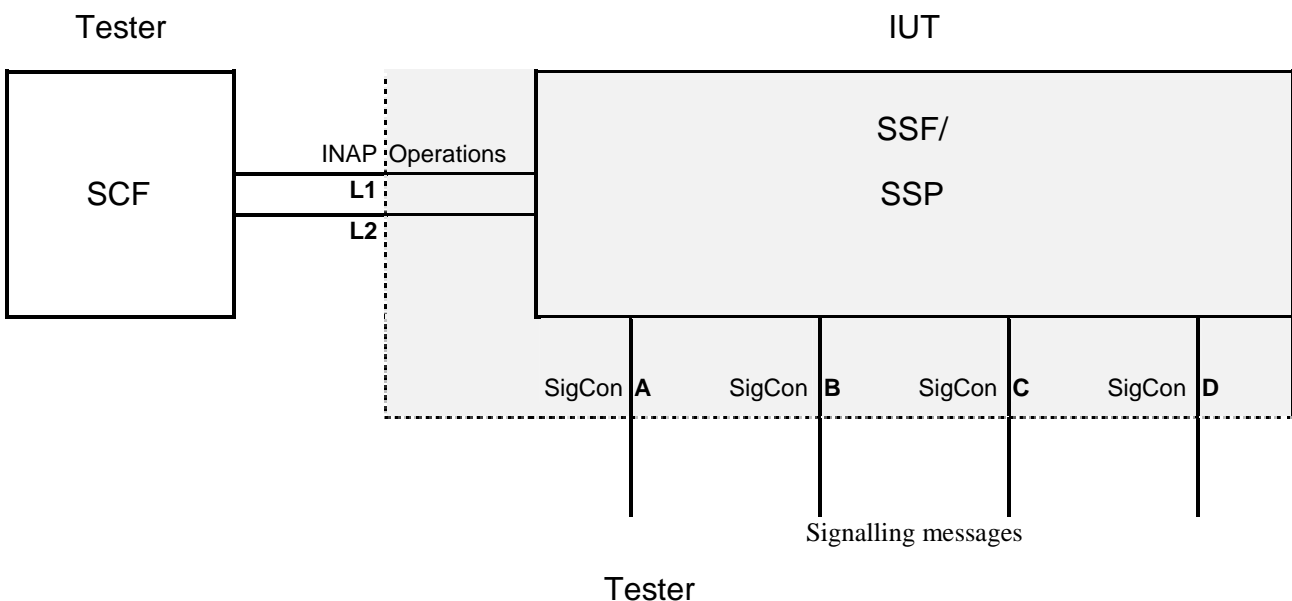


Figure 1: Test configuration for the CPH Test Purposes

This test configuration covers a single SCP and a single SSP, where the SCP is simulated by the tester and the SSF is the implementation under test (IUT).

INAP PDUs (operations) are exchanged between the tester and the IUT across the interface named **L1** (or L2 etc.), which corresponds to a PCO in the TTCN-like notation used for the description of the test behaviour (see clause 6.4.2). INAP PDUs are embedded in TCAP messages as described in clause 10 of EN 301 931-1 [1] and clause 15 of EN 301 931-2 [2].

When call-related operations are tested, signalling messages are exchanged between the tester and the IUT, where the signalling terminations in the IUT are named SigCon A to SigCon D. Depending on the implementation, the signalling messages can be messages of the DSS1 protocol, ISUP protocol or another protocol (see e.g. clause 6.2.2.1 of EN 301 931-2 [2]). To be independent of any particular signalling protocol, **Abstract Signalling Primitives** are used in the test descriptions instead of signalling messages. For the definition of the Abstract Signalling Primitives see clause 6.2.2.2 of EN 301 931-2 [2].

NOTE: Test configurations including SRF entities are defined in EN 301 933-3 [6].

6 Overview of TSS and TP for CPH functions

6.1 Introduction

The Call Party Handling (CPH) includes a set of operations related to the call handling at the switch. The whole functionality of the CPH operations is presented by means of the four Core Capabilities (ITU-T Recommendation Q.1224 [10]):

- Core Capability one: allows the user to enter information during a midcall event;
- Core Capability two: is the ability of the SSF/CCF to connect a call party to an external resource to perform a transfer;
- Core Capability three is the ability of the SSF/CCF to present the current call view to the SCF;
- Core Capability four: is the ability of the SSF/CCF to combine separate calls into one a single call.

The Test Purposes related to CPH are classified into 3 categories:

- 1) TP for the test of Conformance of each CPH procedure: this forms a set of TPs testing the functionality of the individual CPH operations;
- 2) TP for the test of mixed CPH capabilities: a group of TPs that tests the switch capability of handling different calls at the same time;
- 3) Arming/Detecting rules.

6.2 CPH procedures

6.2.1 List of procedures for CPH

CCSA	CreateCallSegmentAssociation
CWA	ContinueWithArgument
DL	DisconnectLeg
MECS	MergeCallSegments
ML	MoveLeg
MOCS	MoveCallSegments
RC	ReleaseCall (CPH complement to BASIC TPs)
RRB	RequestReportBCSMEEvent (CPH complement to BASIC TPs)
SL	SplitLeg

6.2.2 Definitions of the CPH procedures

General procedures

6.2.2.1 ContinueWithArgument procedure

Invoke: continueWithArgument
 Return Result: None
 Return Error: continueWithArgument

6.2.2.2 ReleaseCall procedure

Invoke: releaseCall
 Return Result: None
 Return Error: releaseCall

Procedures dealing with Legs of CallSegments

See also Connect and Continue (from EN 301 933-1 [5]).

6.2.2.3 SplitLeg procedure

Invoke: splitLeg
 Return Result: True
 Return Error: splitLeg

6.2.2.4 DisconnectLeg procedure

Invoke: disconnectLeg
 Return Result: True
 Return Error: disconnectLeg

6.2.2.5 MoveLeg procedure

Invoke: moveLeg
 Return Result: True
 Return Error: moveLeg

Procedures dealing with CallSegments

See also splitLeg, continueWithArgument.

6.2.2.6 MergeCallSegments procedure

Invoke: mergeCallSegments
 Return Result: True
 Return Error: mergeCallSegments

Procedures dealing with Call Segment Associations

6.2.2.7 CreateCallSegmentAssociation

Invoke: CreateCallSegmentAssociation
 Return Result: CreateCallSegmentAssociation
 Return Error: CreateCallSegmentAssociation

6.2.2.8 MoveCallSegments

Invoke: MoveCallSegments
 Return Result: None
 Return Error: MoveCallSegments

6.3 Structure of the test suite (TSS) for CPH

Table 3 shows the structure of the test suites for the test of CPH procedures in the SSF and the number of Test Purposes produced.

Table 3: Test suite structure for testing the CPH procedures

Procedure/Group	Group identifier	Category	Number
MergeCallSegments	IN3_A_CPH_MECS	BV	25
		BI	4
		BO	3
ReleaseCall	IN3_A_CPH_RC	BV	6
		BI	0
		BO	0
DisconnectLeg	IN3_A_CPH_DL	BV	12
		BI	2
		BO	2
MoveLeg	IN3_A_CPH_ML	BV	14
		BI	4
		BO	7
RequestReportBCSMEvent	IN3_A_CPH_RRB	BV	2
		BI	0
		BO	0
SplitLeg	IN3_A_CPH_SL	BV	8
		BI	4
		BO	9
ContinueWithArgument	IN3_A_CPH_CWA	BV	2
		BI	2
		BO	1
CreateCallSegmentAssociation	IN3_A_CPH_CCSA	BV	3
		BI	1
		BO	0
MoveCallSegments	IN3_A_CPH_MOCS	BV	22
		BI	12
		BO	6
Mixed Capabilities	IN3_A_CPH_MIX		31
			0
			0
Arming and dection rules	IN3_A_CPH_ARM		38
			0
			0
Total:			221

6.4 Notations

6.4.1 Names of preambles and postambles

CPH requires a large set of preambles. Due to the complexity of their description, the Connection View (CV) model is used for an understanding of the configuration, referring to the following CV objects:

- CallSegmentAssociation (always initial);
- CallSegment;
- Connection point;
- Legs.

NOTE 1: The controlling leg can be either joined or surrogate. The controlling leg identifies the physical access to the end user.

NOTE 2: The legs are named by the legID, and there is an unique correspondence between a legID and a BCSM.

Restrictions: The test configuration is limited to four passive legs within a call segment, and three call segments within a call segment association and two call segment associations.

Comment on T preambles: The preamble T_OS (and all preambles and test cases which use this preamble) contains reference to an ASP Mgt_SetTriggerTable. This does not exist in the protocol, but in the SDL model it identifies which Trigger Detection points need to be set before commencing the test case.

Based on these considerations, the naming conventions indicated in clause 4.5 is used.

6.4.2 TTCN-like notation for preamble, test case and postamble description

The notation used to describe the trees containing the required INAP operations and signalling control primitives, is a TTCN-like notation, showing what is sent (character !) and received (character ?) by the main tester (playing the role of the SCF).

The IUT is an SSF while the main lower tester represents an SCF.

The PCO-like notations **L1** or **L2** are used to send and receive INAP operations. L2 is only used with call-related operations acting on the 2nd CallSegmentAssociation, when applicable. L1 is used with non-call-related operations and with call-related operations acting on the 1st CallSegmentAssociation.

The co-ordination points (CPs) address the Signalling Control entities (SigConX, X=A, B, C etc.) of the legs in the related Call Segment Association. The "related" Call Segment Associations are indexed by their order of creation in a test case.

CP1_1 addresses SigConA in CSA1, CP1_4 addresses SigConD in CSA1, CP2_1 addresses SigConB in CSA2, etc.

Most of the Test Purposes are related to a single Call Segment Association. In the textual descriptions terms like SigConB are then used without ambiguity. When more than one Call Segment Association is used, the textual descriptions employ terms like SigConB2 (SigConB in CSA2) instead.

NOTE: With successful execution of the MoveCallSegments operation, the legIDs and the names of the associated Signalling Control entities are changed.

Each preamble shows the state from where it starts (idle or a different state reached by the execution of another preamble), then it shows the operations executed in this preamble and finally the state or configuration reached, using the notation described above.

Each Test Purpose description shows the state from where it starts by identifying a preamble.

6.4.3 Representation of preambles, postambles and Test Purposes using MSCs

In addition to the TTCN-like notation, an MSC is drawn from the SDL simulator to represent each preamble or postamble. For each Test Purpose, an MSC is also given, in addition to the tabular description of each TP.

Each MSC shows the interface between SCF and SSF using TCAP primitives, and the signalling control points. As there can be any number of signalling control points (from 1 up to 8), the MSC shows SigCon A in one column, while all the other SigCon are merged in a second column. The parameter CallRef number makes it possible to identify the SigCon concerned, SigCon B being number 2, SigCon C being 3, etc.

6.4.4 How to interpret the parameters and their values as used in the MSCs

6.4.4.1 General

The MSCs show the exchanges of PDUs of the TCAP protocol, as well as the Core INAP protocol and the signalling connection service primitives. PDUs of both protocols and the service primitives generally make use of parameters.

The complete list of the parameters for the Core INAP protocol is given in clause 12 of EN 301 931-2 [2]. Only a limited list of parameters is used in the MSCs, as described in clause 6.4.4.2.

6.4.4.2 INAP operation parameters and their values

Each preamble, Test Purpose description and postamble uses a limited set of operations (listed below) with the indication of the main parameters used:

- IDP (Initial Detection Point): trigger;
- CCSA (CreateCallSegmentAssociation): newCsaID (in ReturnResult)
- CWA (ContinueWithArgument): legID or csID;
- CON (Connect): legToBeCreated (default = 2), csID;
- DL (DisconnectLeg): legToBeReleased
- ERB (EventReportBCSM): legID, eventTypeBCSM.

NOTE 1: The presence of the legID is required for some eventTypes (e.g. oDisconnect), and is optional for other eventTypes. When the legID is not shown in connection with an ERB operation, the presence is considered to be optional.

- ICA (InitiateCallAttempt): legToBeCreated (default = 1), newCallSegment (default = 1);
- MECS (MergeCallSegments): sourceCallSegment, targetCallSegment;
- MOCS (MoveCallSegments): targetCSA, {sourceCS, newCS}+, {sourceLeg, newLeg}+
- RRB (RequestReportBCSMEvent): legID, monitorMode, eventTypeBCSM.
- SL (SplitLeg): legToBeSplit, newCallSegmentID;
- CIRQ (CallInformationRequest): legID;
- CIRP (CallInformationReport): legID;
- ACRQ (ApplyChargingRequest): legID;

NOTE 2: The releaseWhenLimitReached parameter should not be specified.

- ML (MoveLeg): legID to be moved, TargetCallSegment;
- ACRP (ApplyChargingReport): legID.

Each operation shows the value of the required parameters, knowing that the leg numbers successively take the values 1, 2, 3, etc. (in case of an ICA performed in a CSA without CSs, leg numbering normally starts with 2).

In the case of CS, the same number is reused when a CS returns to idle following a MergeCallSegments operation (except for the initialCS, the ID of which cannot be re-used).

6.4.4.3 Cause values related to signalling connection release messages

The following cause value indications appear in the TPs:

- Normal clearing
Cause recognized with a clearing event detected at the O_Disconnect or T_Disconnect DP;
- Busy cause;
- RouteSelectFailure cause.

6.4.4.4 TCAP operation parameters and their values

The list of parameters for the TCAP protocol is repeated here for each TCAP primitive. Note that only mandatory parameters are used.

TCAP primitives from SCF to SSF:

TC_InvokeReq (InvokeID, Class, DialogueID, OperationCode, OperationArg, Timeout);

TC_BeginReq (DialogueID, OriginatingAddress);

TC_ContinueReq (DialogueID, OriginatingAddress);

TCAP primitives from SSF to SCF:

TC_InvokeInd (InvokeID, DialogueID, OperationCode, OperationArg, LastComponent);

TC_BeginInd (DialogueID, OriginatingAddress, ComponentPresent);

TC_ContinueInd (DialogueID, OriginatingAddress, ComponentPresent);

TC_EndInd (DialogueID, Termination, ComponentPresent);

TC_AbortInd (DialogueID);

TC_ErrorInd (InvokeID, DialogueID, ErrorCode, LastComponent);

TC_ReturnResultInd (InvokeID, DialogueID, LastComponent, OperationCode, OperationArg);

TC_RejectInd (InvokeID, DialogueID).

The values of these parameters are either mandatory and imposed by the specifications, or they are informative only and chosen arbitrarily in ranges compatible with the specifications.

7 Preambles and postambles for CPH

7.1 Preamble descriptions

7.1.1 Originating preamble trees

7.1.1.1 Preamble O_OS_null_null

O_null

CP1_1!SetUpInd

L1?InitialDP

O_OS_null_null

7.1.1.2 Preamble O_OSA_null_null

O_OS_null_null

L1!RequestReportBCSMEEvent(1,interrupted,oDisconnect)

L1!RequestReportBCSMEEvent(2,notifyAndContinue,oDisconnect)

L1!Connect(2,1)

CP1_2?SetUpReq

O_OSA_null_null

7.1.1.3 Preamble O_S2P_null_null

O_OS_null_null

L1!RequestReportBCSMEEvent(1,interrupted,oDisconnect)

L1!RequestReportBCSMEEvent(2,notifyAndContinue,oDisconnect)

L1!Connect(2,1)

CP1_2?SetUpReq

CP1_2!SetUpConf

CP1_1?SetUpResp

O_S2P_null_null

7.1.1.4 Preamble O_S1P_1P_null

O_S2P_null_null

L1!SplitLeg(1,2)

L1?SplitLegReturnResult

O_S1P_1P_null

7.1.1.5 Preamble O_S1P_OS_null

O_S2P_null_null

L1!SplitLeg(1,2)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect)

L1!Connect(3,2)

CP1_3?SetUpReq

O_S1P_OS_null

7.1.1.6 Preamble O_S1P_OSB_null

O_S2P_null_null

L1!SplitLeg(1,2)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect)

L1!RequestReportBCSMEEvent(3,interrupted,oCalledPartyBusy)

L1!Connect(3,2)

CP1_3?SetUpReq

CP1_3!ReleaseInd(Busy cause)

L1?EventReportBCSM(3,oCalledPartyBusy)

O_S1P_OSB_null

7.1.1.7 Preamble O_S1P_S2P_null

O_S2P_null_null

L1!SplitLeg(1,2)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect)

L1!Connect(3,2)

CP1_3?SetUpReq

CP1_3!SetUpConf

O_S1P_S2P_null

7.1.1.8 Preamble O_S1P_S1P_S2P

O_S1P_S2P_null

L1!SplitLeg(1,3)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect)

L1!Connect(4,3)

CP1_4?SetUpReq

CP1_4!SetUpConf

O_S1P_S1P_S2P

7.1.1.9 Preamble O_null_S2PP_S2P

O_S1P_S1P_S2P

L1!MergeCallSegments(1,2)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=2)

O_null_S2PP_S2P

7.1.1.10 Preamble O_null_null_S4P

O_null_S2PP_S2P

L1!MergeCallSegments(2,3)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=3)

O_null_null_S4P

7.1.1.11 Preamble O_null_S2P_S3PP

O_null_null_S4P

L1!SplitLeg(1,2)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(5,notifyAndContinue,oDisconnect)

L1!Connect(5,2)

CP1_5?SetUpReq

CP1_5!SetUpConf

O_null_S2P_S3PP

7.1.1.12 Preamble O_null_S1P_S3PP_S2P

O_null_S2P_S3PP

L1!SplitLeg(1,4)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(6,notifyAndContinue,oDisconnect)

L1!Connect(6,4)

CP1_6?SetUpReq

CP1_6!SetUpConf

O_null_S1P_S3PP_S2P

7.1.1.13 Preamble O_null_S3P_S3PP

O_null_S1P_S3PP_S2P

L1!MergeCallSegments(4,2)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=2)

O_null_S3P_S3PP

7.1.1.14 Preamble O_null_S2PP_S3PP_S2P

O_null_S3P_S3PP

L1!SplitLeg(1, 4)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(7,notifyAndContinue,oDisconnect)

L1!Connect(7,4)

CP1_7?SetUpReq

CP1_7!SetUpConf

O_null_S2PP_S3PP_S2P

7.1.1.15 Preamble O_null_S4P_S3PP

O_null_S2PP_S3PP_S2P

L1!MergeCallSegments(4,2)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=2)

O_null_S4P_S3PP

7.1.1.16 Preamble O_null_S3PP_S3PP_S2P

O_null_S4P_S3PP

L1!SplitLeg(1,4)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(8,notifyAndContinue,oDisconnect)

L1!Connect(8,4)

CP1_8?SetUpReq

CP1_8!SetUpConf

O_null_S3PP_S3PP_S2P

7.1.1.17 Preamble O_null_S3P_null

O_S1P_S2P_null

L1!MergeCallSegments(1,2)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=2)

O_null_S3P_null

7.1.2 Terminating preamble trees

7.1.2.1 Preamble T_TS_null_null

T_null_null_null

CP1_1!SetUpInd

L1?IDP(termAttemptAuthorized)

T_TS_null_null

7.1.2.2 Preamble T_TSA_null_null

T_TS_null_null

L1!RequestReportBCSMEEvent(1,interrupted,tDisconnect)

L1!ContinueWithArgument(legID=1)

CP1_2?SetUpReq

T_TSA_null_null

7.1.2.3 Preamble T_TSB_S1P_null

T_TS_null_null

L1!RequestReportBCSMEvent(1,notifyAndContinue,tDisconnect)

L1!RequestReportBCSMEvent(2,interrupted,tBusy)

L1!ContinueWithArgument(legID=1)

CP1_2?SetUpReq

CP1_2!ReleaseInd(Busy cause)

L1?EventReportBCSM(2,tBusy)

L1!InitiateCallAttempt(3,2)

L1!RequestReportBCSMEvent(3,notifyAndContinue,oDisconnect)

L1!ContinueWithArgument (legID=3)

CP1_3?SetUpReq

CP1_3!SetUpConf

T_TSB_S1P_null

7.1.2.4 Preamble T_S2P_null_null

T_TS_null_null

L1!RequestReportBCSMEvent(1,interrupted,tDisconnect)

L1!ContinueWithArgument(legID=1)

CP1_2?SetUpReq

CP1_2!SetUpConf

CP1_1?SetUpResp

T_S2P_null_null

7.1.2.5 Preamble T_1P_FW_null

T_S2P_null_null

L1!SplitLeg(1,2)

L1?SplitLegReturnResult

L1!RequestReportBCSMEvent(3,notifyAndContinue,oDisconnect)

L1!RequestReportBCSMEvent(3,interrupted,oCalledPartyBusy)

L1!Connect (3,2)

CP1_3?SetUpReq

CP1_3!ReleaseInd(Busy cause)

L1?EventReportBCSM(3,oCalledPartyBusy)

T_1P_FW_null

7.1.2.6 Preamble T_S2P_S1P_null

T_S2P_null_null

L1!InitiateCallAttempt(3,2)

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect)

L1!ContinueWithArgument (legID=3)

CP1_3?SetUpReq

CP1_3!SetUpConf

T_S2P_S1P_null

7.1.2.7 Preamble T_null_S3P_null

T_S2P_S1P_null

L1!MergeCallSegments(1,2)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=2)

T_null_S3P_null

7.1.2.8 Preamble T_null_S2PP_S2P

T_null_S3P_null

L1!InitiateCallAttempt(4,3)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect)

L1!ContinueWithArgument(legID=4)

CP1_4?SetUpReq

CP1_4!SetUpConf

L1!MoveLeg(2,3)

L1?MoveLeg ReturnResult

L1!ContinueWithArgument(csID=2)

L1!ContinueWithArgument(csID=3)

T_null_S2PP_S2P

7.1.2.9 Preamble T_null_null_S4P

T_null_S2PP_S2P

L1!MergeCallSegments(2,3)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=3)

T_null_null_S4P

7.1.3 InitiateCallAttempt preamble trees

7.1.3.1 Preamble I_OS1_null_null

null

L1!InitiateCallAttempt(2,1)

L1!RequestReportBCSMEEvent(2,interrupted,oDisconnect)

L1!ContinueWithArgument(legID=2)

CP1_2?SetUpReq

I_OS1_null_null

7.1.3.2 Preamble I_S1P_null_null

null

L1!InitiateCallAttempt(2,1)

L1!RequestReportBCSMEEvent(2,interrupted,oDisconnect)

L1!ContinueWithArgument(legID=2)

CP1_2?SetUpReq

CP1_2!SetUpConf

I_S1P_null_null

7.1.3.3 Preamble I_S1P_S1P_null

I_S1P_null_null

L1!InitiateCallAttempt(3,2)

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect)

L1!ContinueWithArgument(legID=3)

CP1_3?SetUpReq

CP1_3!SetUpConf

I_S1P_S1P_null

7.1.3.4 Preamble I_S1P_S1P_S1P

I_S1P_S1P_null

L1!InitiateCallAttempt(4,3)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect)

L1!ContinueWithArgument(legID=4)

CP1_4?SetUpReq

CP1_4!SetUpConf

I_S1P_S1P_S1P

7.1.3.5 Preamble I_null_S2PP_S1P

I_S1P_S1P_S1P

L1!MergeCallSegments(1,2)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=2)

I_null_S2PP_S1P

7.1.3.6 Preamble I_null_null_S3PP

I_null_S2PP_S1P

L1!MergeCallSegments(2,3)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=3)

I_null_null_S3PP

7.1.3.7 Preamble I_null_S2PP_null

I_S1P_S1P_null

L1!MergeCallSegments(1,2)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=2)

I_null_S2PP_null

7.1.3.8 Preamble I_S1P_FW_null

I_S1P_null_null

L1!InitiateCallAttempt(3,2)
 L1!RequestReportBCSMEEvent(3,interrupted,oAnswer)
 L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect)
 L1!ContinueWithArgument(legID=3)
 CP1_3?SetUpReq
 CP1_3!SetUpConf
 L1?EventReportBCSM(3,oAnswer)
 L1!RequestReportBCSMEEvent(4,interrupted,oCalledPartyBusy)
 L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect)
 L1!Connect(4,2)
 CP1_4?SetUpReq
 CP1_4!ReleaseInd(Busy cause)
 L1?EventReportBCSM(4,oCalledPartyBusy)

I_S1P_FW_null

7.1.4 Event Detecting/Report rules Preambles

With the aim of testing the event detecting/report rules these preambles arm the legs in order to detect a signalling event coming from the controlling leg or from the passive legs. The steps followed to reach the final configuration are similar to the ones used in the previous preambles (originating, terminating, network initiated). What is different is the number of events armed when a new leg is added to the CallSegment configuration.

7.1.4.1 Preamble O_S2P_null_null_controlling

O_OS_null_null

L1!RequestReportBCSMEEvent(1,interrupted,oDisconnect)
 L1!RequestReportBCSMEEvent(1,notifyAndContinue,oMidCall)
 L1!RequestReportBCSMEEvent(2,notifyAndContinue,oDisconnect)
 L1!RequestReportBCSMEEvent(2,notifyAndContinue,oSuspend)
 L1!RequestReportBCSMEEvent(2,notifyAndContinue,oMidCall)
 L1!ContinueWithArgument(csID=1)
 CP1_2?SetUpReq
 CP1_2!SetUpConf
 CP1_1?SetUpResp

O_S2P_null_null_controlling

7.1.4.2 Preamble O_S1P_S2P_null_controlling

O_S2P_null_null_controlling

L1!SplitLeg(1,2)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect)

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oSuspend)

L1!Connect (3,2)

CP1_3?SetUpReq

CP1_3!SetUpConf

O_S1P_S2P_null_controlling

7.1.4.3 Preamble O_null_S3P_null_controlling

O_S1P_S2P_null_controlling

L1!MergeCallSegments(1,2)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=2)

O_null_S3P_null_controlling

7.1.4.4 Preamble O_null_S2PP_S2P_controlling

O_null_S3P_null_controlling

L1!SplitLeg(1,3)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oSuspend)

L1!Connect (4,3)

CP1_4?SetUpReq

CP1_4!SetUpConf

O_null_S2PP_S2P_controlling

7.1.4.5 Preamble O_null_null_S4P_controlling

O_null_S2PP_S2P_controlling

L1!MergeCallSegments(2,3)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=3)

O_null_null_S4P_controlling

7.1.4.6 Preamble O_S2P_null_null_passive

O_OS_null_null

L1!RequestReportBCSMEvent(1,notifyAndContinue,oMidCall)
 L1!RequestReportBCSMEvent(1,interrupted,oDisconnect)
 L1!RequestReportBCSMEvent(2,notifyAndContinue,oDisconnect)
 L1!RequestReportBCSMEvent(2,notifyAndContinue,oSuspend)
 L1!ContinueWithArgument(csID=1)
 CP1_2?SetUpReq
 CP1_2!SetUpConf
 CP1_1?SetUpResp

O_S2P_null_null_passive

7.1.4.7 Preamble O_S1P_OS_null_passive

O_S2P_null_null_passive

L1!SplitLeg(1,2)
 L1?SplitLegReturnResult
 L1!RequestReportBCSMEvent(3,notifyAndContinue,routeSelectFailure)
 L1!RequestReportBCSMEvent(3,notifyAndContinue,oCalledPartyBusy)
 L1!RequestReportBCSMEvent(3,notifyAndContinue,oAnswer)
 L1!RequestReportBCSMEvent(3,notifyAndContinue,oDisconnect)
 L1!RequestReportBCSMEvent(3,notifyAndContinue,oSuspend)
 L1!Connect(3,2)
 CP1_3?SetupReq

O_S1P_OS_null_passive

7.1.4.8 Preamble O_S1P_S2P_null_passive

O_S2P_null_null_passive

L1!SplitLeg(1,2)
 L1?SplitLegReturnResult
 L1!RequestReportBCSMEvent(3,notifyAndContinue,oSuspend)
 L1!RequestReportBCSMEvent(3,notifyAndContinue,oDisconnect)
 L1!Connect(3,2)
 CP1_3?SetupReq
 CP1_3!SetupConf

O_S1P_S2P_null_passive

7.1.4.9 Preamble O_null_S3P_null_passive

O_S1P_S2P_null_passive

L1!MergeCallSegments(1,2)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=2)

O_null_S3P_null_passive

7.1.4.10 Preamble O_null_S2PP_OS_passive

O_null_S3P_null_passive

L1!SplitLeg(1,3)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(4,notifyAndContinue,routeSelectFailure)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oCalledPartyBusy)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oAnswer)

L1!Connect(4,3)

CP1_4?SetUpReq

O_null_S2PP_OS_passive

7.1.4.11 Preamble O_null_S2PP_S2P_passive

O_null_S3P_null_passive

L1!SplitLeg(1,3)

L1?SplitLegReturnResult

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oSuspend)

L1!Connect(4,3)

CP1_4!SetUpReq

CP1_4!SetUpConf

O_null_S2PP_S2P_passive

7.1.4.12 Preamble O_null_null_S4P_passive

O_null_S2PP_S2P_passive

L1!MergeCallSegments(2,3)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=3)

O_null_null_S4P_passive

7.1.4.13 Preamble I_S1P_S1P_null_passive

null

L1!InitiateCallAttempt(2,1)
 L1!RequestReportBCSMEEvent(2,notifyAndContinue,oSuspend)
 L1!RequestReportBCSMEEvent(2,interrupted,oDisconnect)
 L1!ContinueWithArgument(legID=2)
 CP1_2?SetUpReq
 CP1_2!SetUpConf
 L1!InitiateCallAttempt(3,2)
 L1!RequestReportBCSMEEvent(3,notifyAndContinue,oSuspend)
 L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect)
 L1!ContinueWithArgument(legID=3)
 CP1_3?SetUpReq
 CP1_3!SetUpConf

I_S1P_S1P_null_passive

7.1.4.14 Preamble I_null_S2PP_null_passive

I_S1P_S1P_null_passive

L1!MergeCallSegments(1,2)
 L1?MergeCallSegments ReturnResult
 L1!ContinueWithArgument(csID=2)

I_null_S2PP_null_passive

7.1.4.15 Preamble T_TS_null_null_controlling

T_TS_null_null

L1!RequestReportBCSMEEvent(1,interrupted, tDisconnect)
 L1!RequestReportBCSMEEvent(2,notifyAndContinue, tAnswer)
 L1!RequestReportBCSMEEvent(2,notifyAndContinue, tCalledPartyBusy)
 L1!RequestReportBCSMEEvent(2,notifyAndContinue, tNoAnswer)
 L1!RequestReportBCSMEEvent(2,notifyAndContinue, tDisconnect)
 L1!RequestReportBCSMEEvent(2,notifyAndContinue, tMidCall)
 L1!RequestReportBCSMEEvent(2,notifyAndContinue, tSuspend)
 L1!ContinueWithArgument(csID=1)
 CP1_2?SetUpReq

T_TS_null_null_controlling

7.1.4.16 Preamble T_S2P_null_null_controlling

T_TS_null_null

L1!RequestReportBCSMEvent(1,interrupted, tDisconnect)
 L1!RequestReportBCSMEvent(2,notifyAndContinue, tCalledPartyBusy)
 L1!RequestReportBCSMEvent(2,notifyAndContinue, tNoAnswer)
 L1!RequestReportBCSMEvent(2,notifyAndContinue, tDisconnect)
 L1!RequestReportBCSMEvent(2,notifyAndContinue, tMidCall)
 L1!RequestReportBCSMEvent(2,notifyAndContinue, tSuspend)
 L1!ContinueWithArgument(csID=1)
 CP1_2?SetUpReq
 CP1_2!SetUpConf
 CP1_1?SetUpResp

T_S2P_null_null_controlling

7.1.4.17 Preamble T_S2P_S1P_null_controlling

T_S2P_null_null_controlling

L1!InitiateCallAttempt(3,2)
 L1!RequestReportBCSMEvent(3,notifyAndContinue,oDisconnect)
 L1!ContinueWithArgument (legID = 3)
 CP1_3?SetUpReq
 CP1_3!SetUpConf

T_S2P_S1P_null_controlling

7.1.4.18 Preamble T_null_S3P_null_controlling

T_S2P_S1P_null_controlling

L1!MergeCallSegments(1,2)
 L1?MergeCallSegments ReturnResult
 L1!ContinueWithArgument(csID=2)

T_null_S3P_null_controlling

7.1.4.19 Preamble T_null_S3P_S1P_controlling

T_null_S3P_null_controlling

L1!InitiateCallAttempt(4,3)
 L1!RequestReportBCSMEvent(4,notifyAndContinue,oDisconnect)
 L1!ContinueWithArgument(legID=4)
 CP1_4?SetUpReq

CP1_4!SetUpConf

T_null_S3P_S1P_controlling

7.1.4.20 Preamble T_null_null_S4P_controlling

T_null_S3P_S1P_controlling

L1!MergeCallSegments(2,3)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=3)

T_null_null_S4P_controlling

7.1.4.21 Preamble T_S2P_null_null_passive

T_TS_null_null

L1!RequestReportBCSMEEvent(1,interrupted,tDisconnect)

L1!RequestReportBCSMEEvent(2,notifyAndContinue,tDisconnect)

L1!RequestReportBCSMEEvent(2,notifyAndContinue,tSuspend)

L1!RequestReportBCSMEEvent(2,notifyAndContinue,tMidCall)

L1!ContinueWithArgument(csID=1)

CP1_2?SetUpReq

CP1_2!SetUpConf

CP1_1?SetUpResp

T_S2P_null_null_passive

7.1.4.22 Preamble T_S2P_O1PS_null_passive

T_S2P_null_null_passive

L1!InitiateCallAttempt(3,2)

L1!RequestReportBCSMEEvent(3,notifyAndContinue,routeSelectFailure)

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oCalledPartyBusy)

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oAnswer)

L1!ContinueWithArgument (legID = 3)

CP1_3?SetUpReq

T_S2P_OS_null_passive

T_S1P_OS_null_passive

7.1.4.23 Preamble T_S2P_S1P_null_passive

T_S2P_null_null_passive

L1!InitiateCallAttempt(3,2)

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oSuspend)

L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect)

L1!ContinueWithArgument legID = 3)

CP1_3?SetupReq

CP1_3!SetupConf

T_S2P_S1P_null_passive

7.1.4.24 Preamble T_null_S3P_null_passive

T_S2P_S1P_null_passive

L1!MergeCallSegments(1,2)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=2)

T_null_S3P_null_passive

7.1.4.25 Preamble T_null_S3P_O1PS_passive

T_null_S3P_null_passive

L1!InitiateCallAttempt(4,3)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,routeSelectFailure)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oCalledPartyBusy)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oAnswer)

L1!ContinueWithArgument(legID=4)

CP1_4?SetUpReq

T_null_S3P_OS_passive

7.1.4.26 Preamble T_null_S3P_S1P_passive

T_null_S3P_null_passive

L1!InitiateCallAttempt(4,3)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect)

L1!RequestReportBCSMEEvent(4,notifyAndContinue,oSuspend)

L1!ContinueWithArgument(legID=4)

CP1_4?SetUpReq

CP1_4!SetUpConf

T_null_S3P_S1P_passive

7.1.4.27 Preamble T_null_null_S4P_passive

T_null_S3P_S1P_passive

L1!MergeCallSegments(2,3)

L1?MergeCallSegments ReturnResult

L1!ContinueWithArgument(csID=3)

T_null_null_S4P_passive

7.1.5 Preambles used together with the second CallSegmentAssociation

7.1.5.1 General

The preambles defined in the previous clauses apply to legs and CSs created in the first CSA of a test case. This covers the need of most of the Test Purposes. For the Test Purposes related to the MoveCallSegments operation, a second CallSegmentAssociation is needed, and several combinations of CallSegments in this CallSegmentAssociation are required.

The preambles defined in the following clauses start with the creation of a CSA and fill in legs and CallSegments in a way similar to the previously defined preambles.

Note that inside these preambles there is no reference or "call" of a preamble creating the first CreateCallSegmentsAssociation. The combination of the two kinds of preambles is made inside the Test Purpose descriptions themselves.

7.1.5.2 Preamble CSA2_null

L1!CreateCallSegmentAssociation

L1?CreateCallSegmentAssociation ReturnResult(csaID2)

CSA2_null

7.1.5.3 Preamble CSA2_I_S1P_null_null

CSA2_null

L2!InitiateCallAttempt(2,1)

L2!RequestReportBCSMEEvent(2,interrupted,oDisconnect)

L2!ContinueWithArgument(legID=2)

CP2_2?SetUpReq

CP2_2!SetUpConf

CSA2_I_S1P_null_null

7.1.5.4 Preamble CSA2_O_S2P_null_null

Null

CP2_1!SetUpInd

L2?InitialDP(csaID2)

L2!RequestReportBCSMEEvent(2,interrupted,oDisconnect)

L2!Connect(2,1)

CP2_2?SetUpReq

CP2_2!SetUpConf

CP2_1!SetUpResp

CSA2_O_S2P_null_null

7.1.5.5 Preamble CSA2_O_S1P_S2P_null

CSA2_O_S2P_null_null

L2!SplitLeg(1,2)

L2?SplitLegReturnResult

L2!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect)

L2!Connect(3,2)

CP2_3?SetUpReq

CP2_3!SetUpConf

CSA2_O_S1P_S2P_null

7.2 Postamble descriptions

Postambles are used to bring the IUT from the state where the test takes place back to the initial state. CPH is using a ReleaseAll postamble, applying to the number of legs/call references still being active in the call, from 1 up to 8. The SCF sends a ReleaseCall operation and the IUT sends ReleaseReq on the legs that are active.

In some cases the signalling control entities for users A, B, C, etc. (SigCon A, B, C, etc.) have sent a ReleaseInd in the test description of the Test Purpose. Since the Release service is an unconfirmed service, the completion of the release procedure, which might be necessary on the signalling links, is not explicitly shown.

The names of the Release postambles indicate the numbers of the legs where the release of the associated signalling connection applies (in any stage of the connection). E.g. **ReleaseAll_3** means that the signalling connections associated with legs 1, 2 and 3 (SigCon A, B and C) have to be released. **Release_234** means that the signalling connections associated with legs 2, 3 and 4 (SigCon B, C and D) have to be released.

The order of receipt of ReleaseReq signals from the different SigCons is not significant.

When 2 CallSegmentAssociations are used in a Test Purpose description, the name of the postamble is separated by **_CSA2_**.

Examples of postambles:

Postamble ReleaseAll_3

L1!ReleaseCall(allCallSegments)

CP1_1?ReleaseReq

CP1_2?ReleaseReq

CP1_3?ReleaseReq

Idle

Postamble Release_1234568

L1!ReleaseCall(allCallSegments)

CP1_1?ReleaseReq

CP1_2?ReleaseReq

CP1_3?ReleaseReq

CP1_4?ReleaseReq

CP1_5?ReleaseReq

CP1_6?ReleaseReq

CP1_8?ReleaseReq

Idle

Postamble ReleaseAll_3_CSA2_All_3

L1!ReleaseCall(allCallSegments)

CP1_1?ReleaseReq

CP1_2?ReleaseReq

CP1_3?ReleaseReq

L2!ReleaseCall(allCallSegments)

I CP2_1?ReleaseReq

CP2_2?ReleaseReq

CP2_3?ReleaseReq

Idle

List of postambles:

Postamble ReleaseAll_1

Postamble ReleaseAll_2

Postamble ReleaseAll_3

Postamble ReleaseAll_4

Postamble ReleaseAll_5

Postamble ReleaseAll_6

Postamble ReleaseAll_7

Postamble ReleaseAll_8

Postamble Release_1234568

Postamble Release_123467

Postamble Release_124

Postamble Release_134

Postamble Release_13456

Postamble Release_14

Postamble Release_2

Postamble Release_23

Postamble Release_234

Postamble Release_24

Postamble Release_3

Release_13_CSA2_All_1

Release_15_CSA2_2345

Release_15_CSA2_All_5

Release_2_CSA2_234

Release_2_CSA2_All_2

Release_2_CSA2_All_3

Release_23_CSA2_2

Release_234_CSA2_2345

Release_24_CSA2_All_4

Release_3_CSA2_23

Release_3_CSA2_234

Release_3_CSA2_All_3

ReleaseAll_1_CSA2_All_4

ReleaseAll_2_CSA2_All_1

ReleaseAll_2_CSA2_All_2

ReleaseAll_3_CSA2_All_2

ReleaseNull_CSA2_23

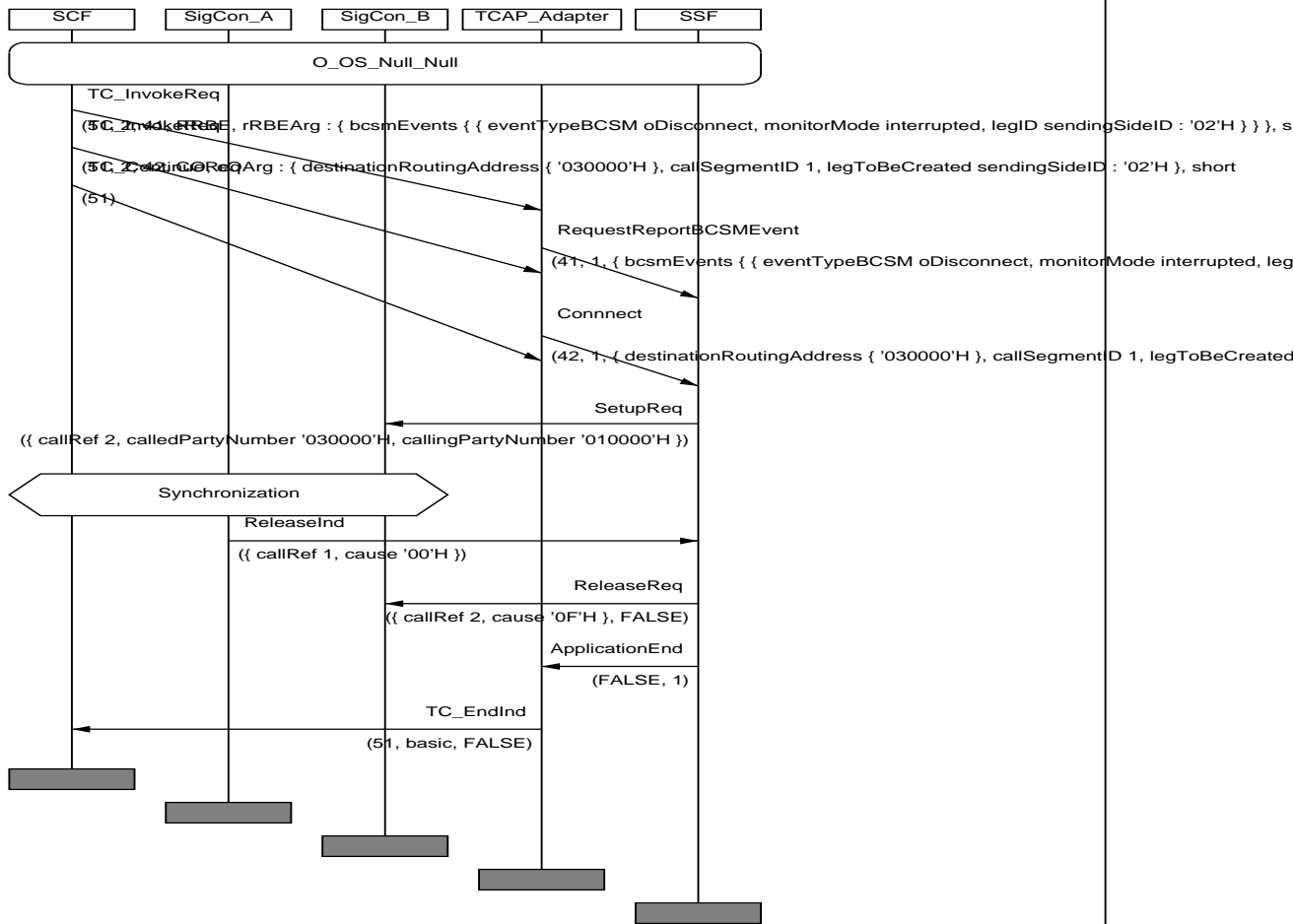
ReleaseNull_CSA2_All_3

8 Test Purpose (TP) descriptions for the test of CPH procedures

8.1 RequestReportBCSMEvent (RRB) procedure (CPH complement to basic procedure)

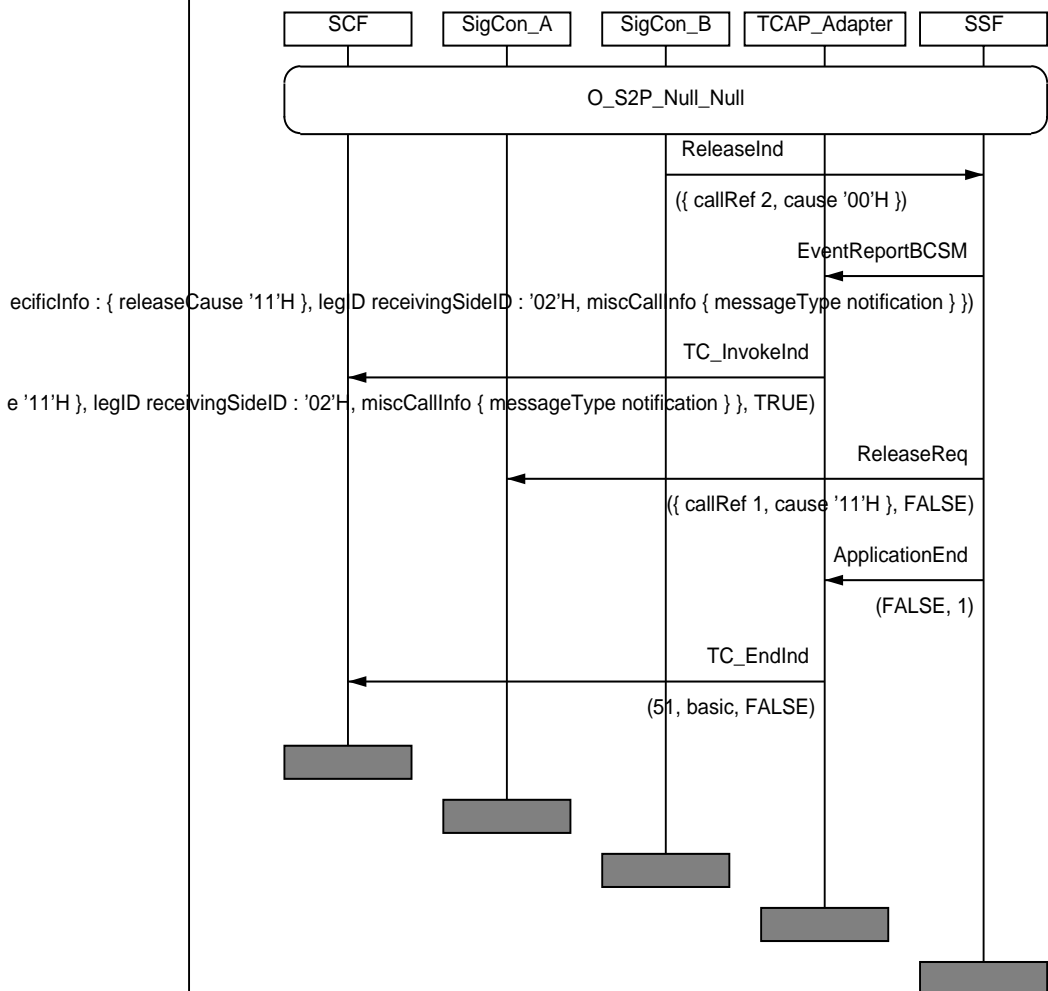
IN3_A_CPH_RRB_BV_01	
Work item no.:	ITEM_CPH_18
IN2 Ref(tmp)	IN2_A_CPH_RR_BV_01
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_OS_null_null and having armed DP O_Disconnect for leg1 (controlling, pending), does not send an EventReportBCSM to the SCF when SigConA is released before SigconB answers. Check also that the SSF ends the dialog with the SCF and releases SigConB.
Requirements refs	6.6.3.3.2.1, 6.6.3.4.2.2, 8.2, 8.2.1.2, 8.2.2, 8.2.2.5, 8.2.2.6, 8.2.2.7, 11.24.1, 11.24.1.1.1, 11.24.2.1, 11.38.1, 11.38.1.1.1, 11.38.3.1
Selection Cond.	
Preamble:	O_OS_null_null
Test description	L1!RequestReportBCSMEvent(1,notifyAndContinue,oDisconnect) L1!Connect(2,1) CP1_2?SetUpReq CP1_1!ReleaseInd
Pass criteria	<ul style="list-style-type: none"> - Check that SSF does not send to SCF an EventReportBCSM because the detection point was armed for event type oDisconnect on leg1, while the release can only be recognized as oAbandon. - Check that SSF is ending the dialogue with SCF and releasing SigConB (ReleaseReq sent).
Postamble:	none

MSC IN3_A_CPH_RRB_BV_01



IN3_A_CPH_RRB_BV_02	
Work item no.:	ITEM_CPH_19
IN2 Ref(tmp)	IN2_A_CPH_RR_BV_02
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S2P_null_null and having armed DP O_Disconnect for leg2 passive, joined), sends an EventReportBCSM to the SCF when SigConB is released.
Requirements refs	6.6.3.3.2.1, 6.6.3.4.2.2, 8.2, 8.2.1.2, 8.2.2, 8.2.2.5, 8.2.2.6, 8.2.2.7, 11.24.1, 11.24.1.1.1, 11.24.2.1, 11.38.1, 11.38.1.1.1, 11.38.3.1
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	(The RequestReportBCSMEvent invoke (2,notifyAndContinue,oDisconnect) has been sent by the SCF in the preamble). CP1_2!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(2,oDisconnect) CP1_2?ReleaseReq
Postamble:	none

MSC IN3_A_CPH_RRB_BV_02

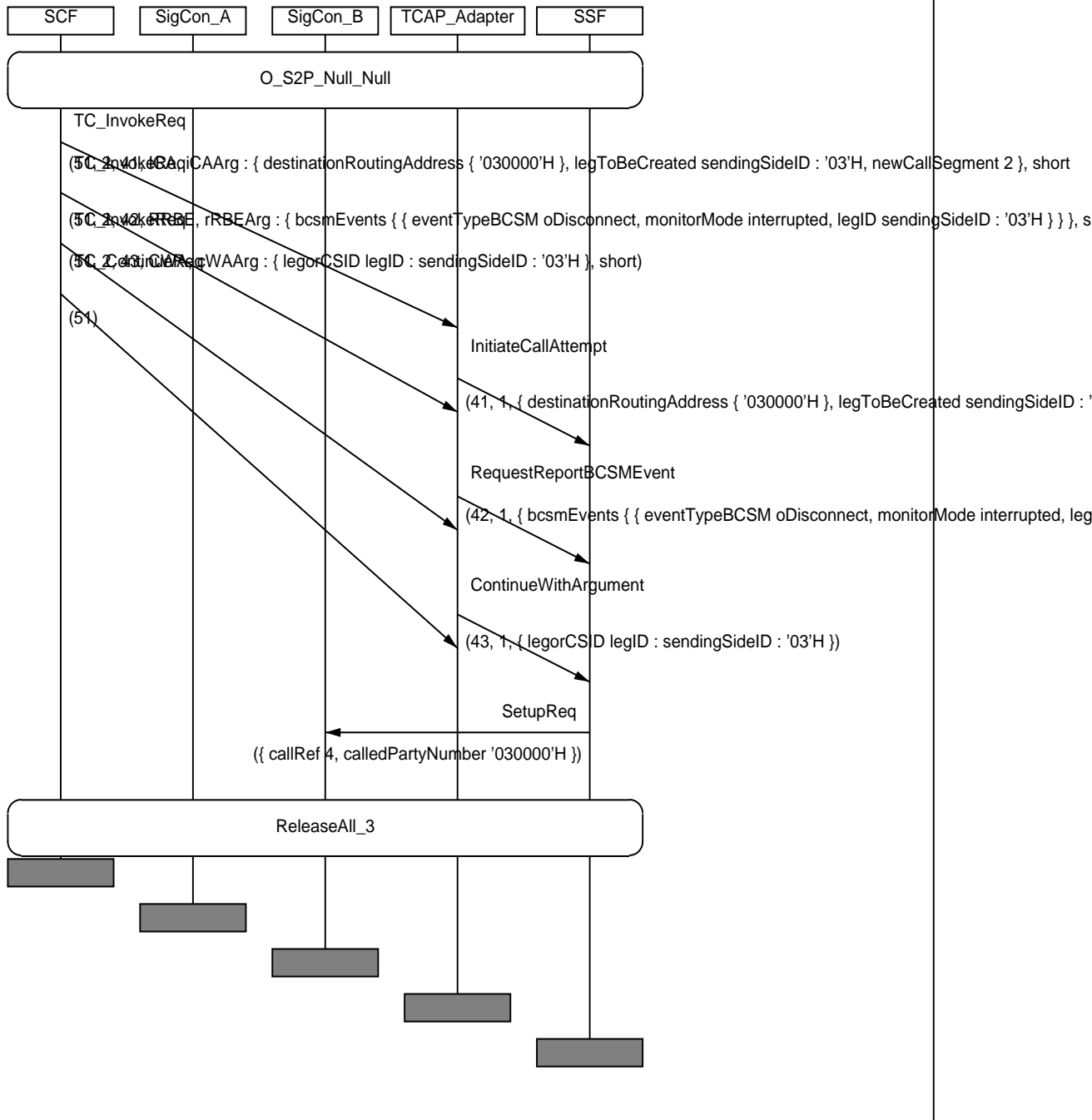


8.2 ContinueWithArgument (CWA) procedure (CPH complement to basic procedure)

IN3_A_CPH_CWA_BV_01	
Work item no.:	ITEM_CPH_23
IN2 Ref(tmp)	IN2_A_CPH_CW_BV_01
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_S2P_null_null , sends a SetupRequest to SigConC (leg 3), when having received from the SCF an InitiateCallAttempt invoke component containing parameters legToBeCreated=3 and newCallSegment=2, followed by

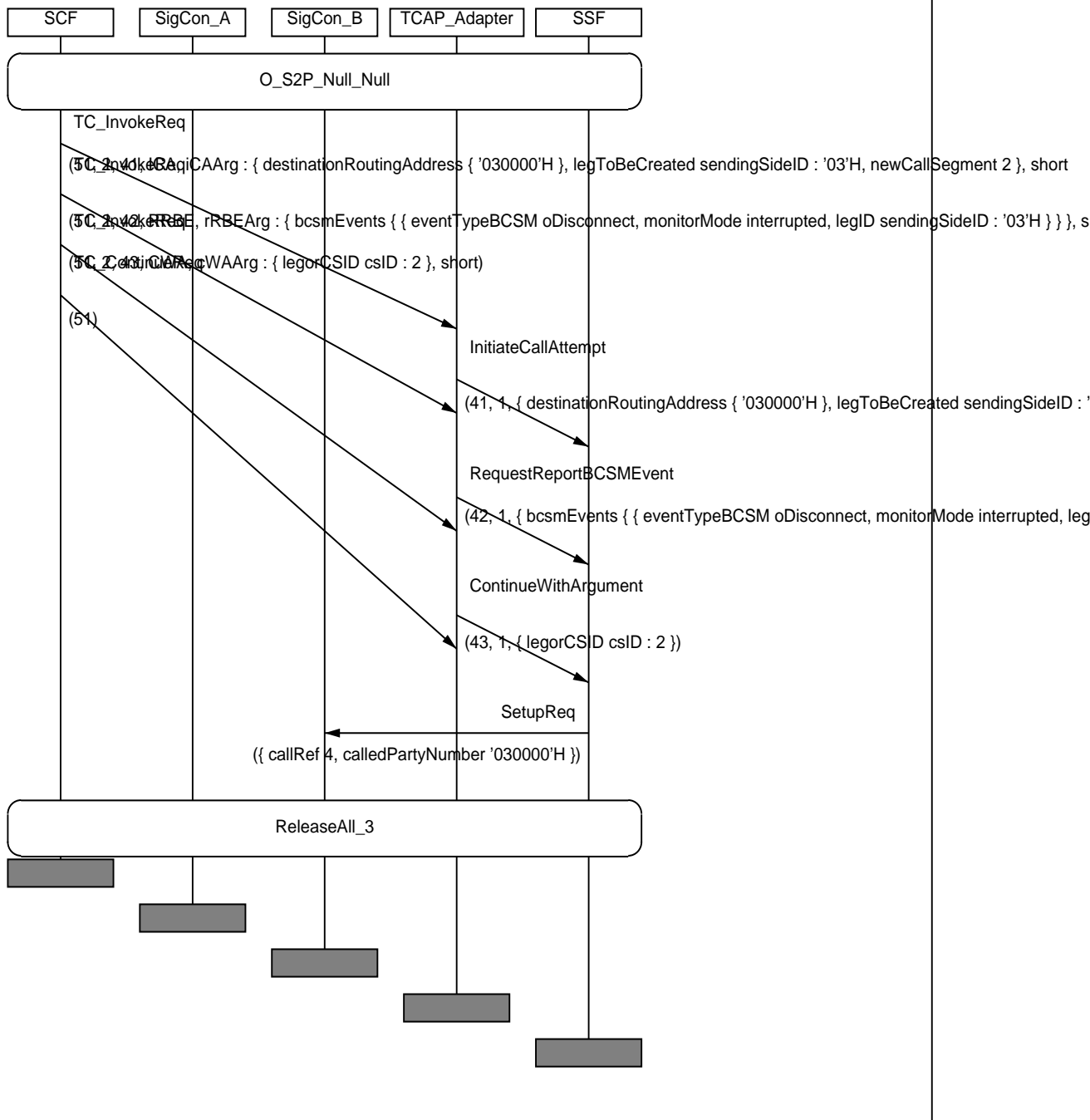
	a ContinueWithArgument invoke component with parameter legID=3.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15.1, 11.15.1.1.1, 11.15.3.1, 11.27
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!InitiateCallAttempt(3,2) L1!RequestReportBCSMEvent(3,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=3)
Pass criteria	Check that SSF sends to SigconC a SetupRequest meaning that BCSM continues: CP1_3?SetUpReq
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_CWA_BV_01



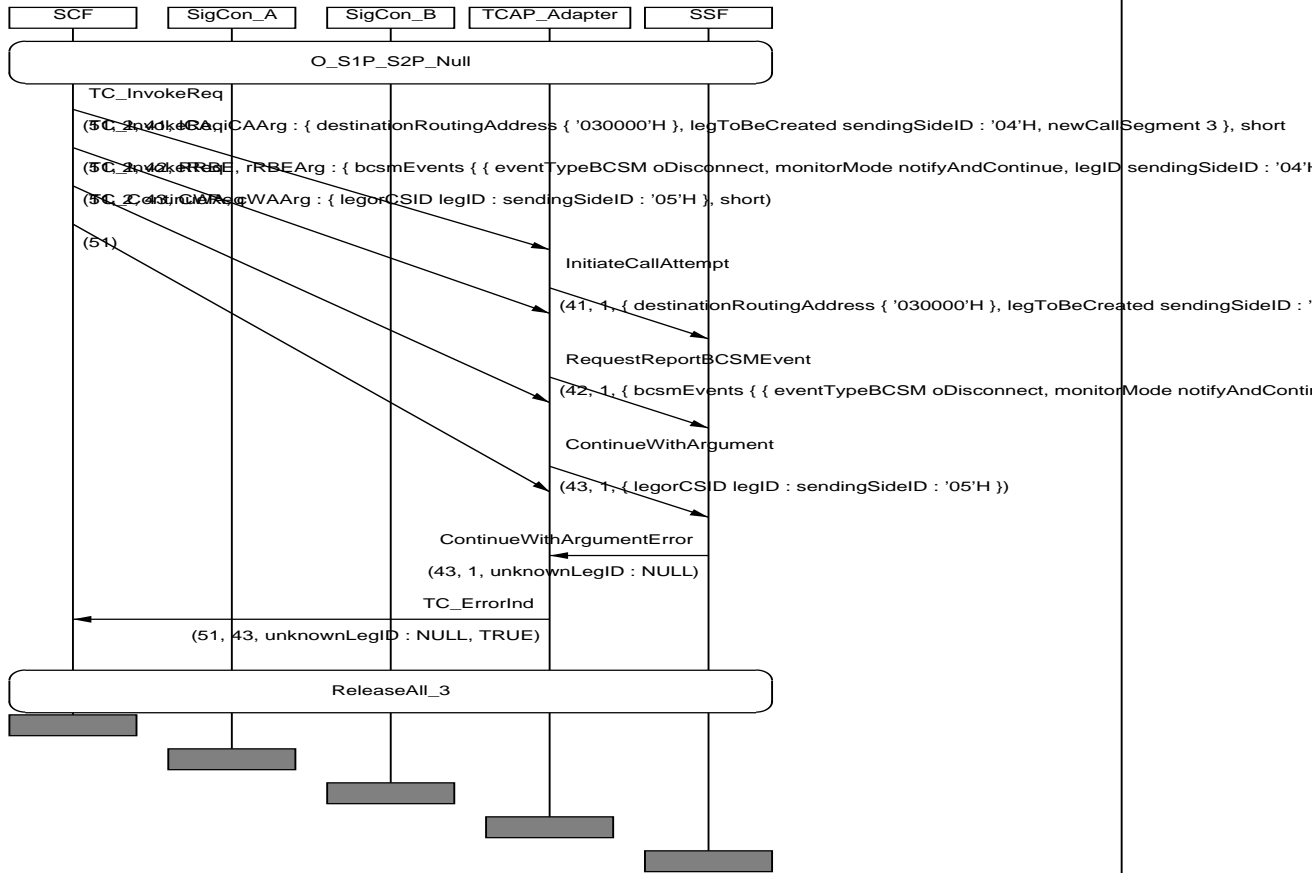
IN3_A_CPH_CWA_BV_02	
Work item no.:	ITEM_CPH_144
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_S2P_null_null , sends a SetupRequest to SigConC (leg 3), when having received from the SCF an InitiateCallAttempt invoke component containing parameters legToBeCreated=3 and newCallSegment=2, followed by a ContinueWithArgument invoke component with parameter csID=2.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15.1, 11.15.1.1.1, 11.15.3.1, 11.27
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!InitiateCallAttempt(3,2) L1!RequestReportBCSMEvent(3,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(csID=2)
Pass criteria	Check that SSF sends to SigconC a SetupRequest meaning that BCSM continues: CP1_3?SetUpReq
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_CWA_BV_02



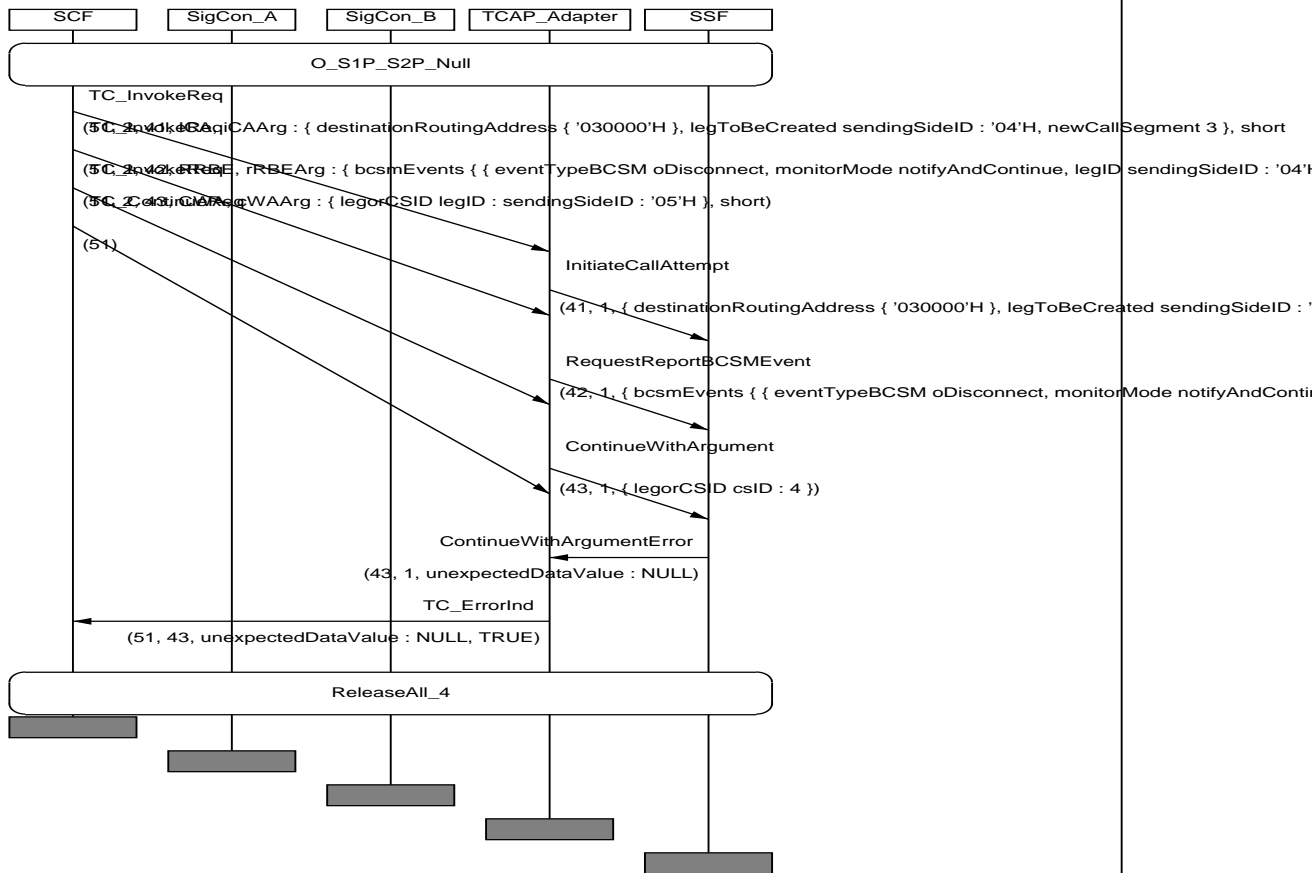
IN3_A_CPH_CWA_BI_01	
Work item no.:	ITEM_CPH_26
IN2 Ref(tmp)	IN2_A_CPH_CW_BI_01
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_S1P_S2P_null , sends to the SCF a ContinueWithArgument returnError component containing the parameter unknownlegID , when having received from the SCF an InitiateCallAttempt invoke component containing parameters legToBeCreated=4 and newCallSegment=3, followed by a ContinueWithArgument invoke component with parameter legID=5 (invalid).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15.1, 11.15.1.1.1, 11.15.3.1, 11.27, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!InitiateCallAttempt(4,3) L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=5)
Pass criteria	L1?ContinueWithArgument ReturnError(unknownlegID)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_CWA_BI_01



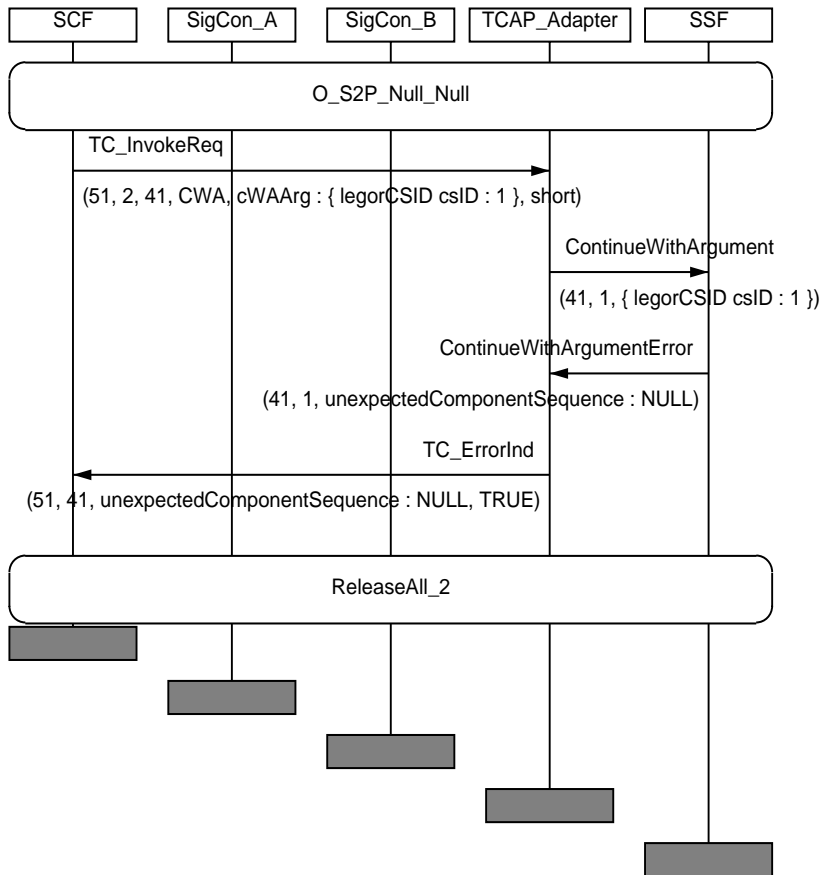
IN3_A_CPH_CWA_BI_02	
Work item no.:	ITEM_CPH_27
IN2 Ref(tmp)	IN2_A_CPH_CW_BI_02
Purpose:	Verify that the SSF sends to the SCF a ContinueWithArgument returnError component containing the parameter UnexpectedDataValue , when having received from the SCF an InitiateCallAttempt invoke component containing parameters legToBeCreated=4 and newCallSegment=3, followed by a ContinueWithArgument invoke component with parameter csID=4 (invalid).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15.1, 11.15.1.1.1, 11.15.3.1, 11.27, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!InitiateCallAttempt(4,3) L1!RequestReportBCSMEvent(4,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(csID=4)
Pass criteria	L1?ContinueWithArgument ReturnError(UnexpectedDataValue)
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_CWA_BI_02



IN3_A_CPH_CWA_BO_01	
Work item no.:	ITEM_CPH_24
IN2 Ref(tmp)	IN2_A_CPH_CW_BV_02
Purpose:	Verify that the SSF sends a ContinueWithArgument return error component with error code UnexpectedComponentSequence , when receiving a ContinueWithArgument invoke component in the Monitoring state.
Requirements refs	8.2, 11.15.1, 11.15.1.1.1, 11.15.3.1
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	SCF sends a ContinueWithArgument invoke with parameter csID=1.
Pass criteria	L1?ContinueWithArgument ReturnError(UnexpectedComponentSequence)
Postamble:	ReleaseAll_2

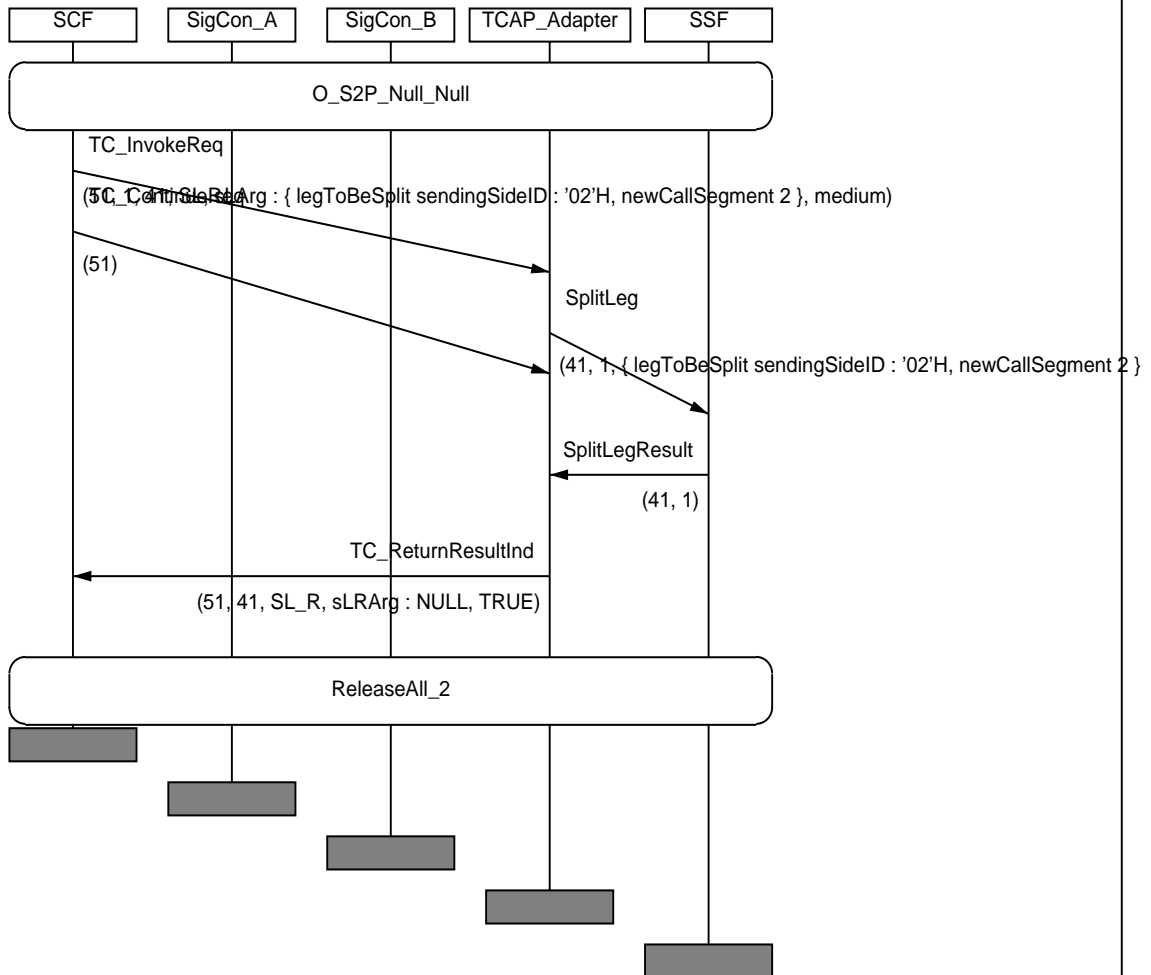
MSC IN3_A_CPH_CWA_BO_01



8.3 SplitLeg (SL) procedure

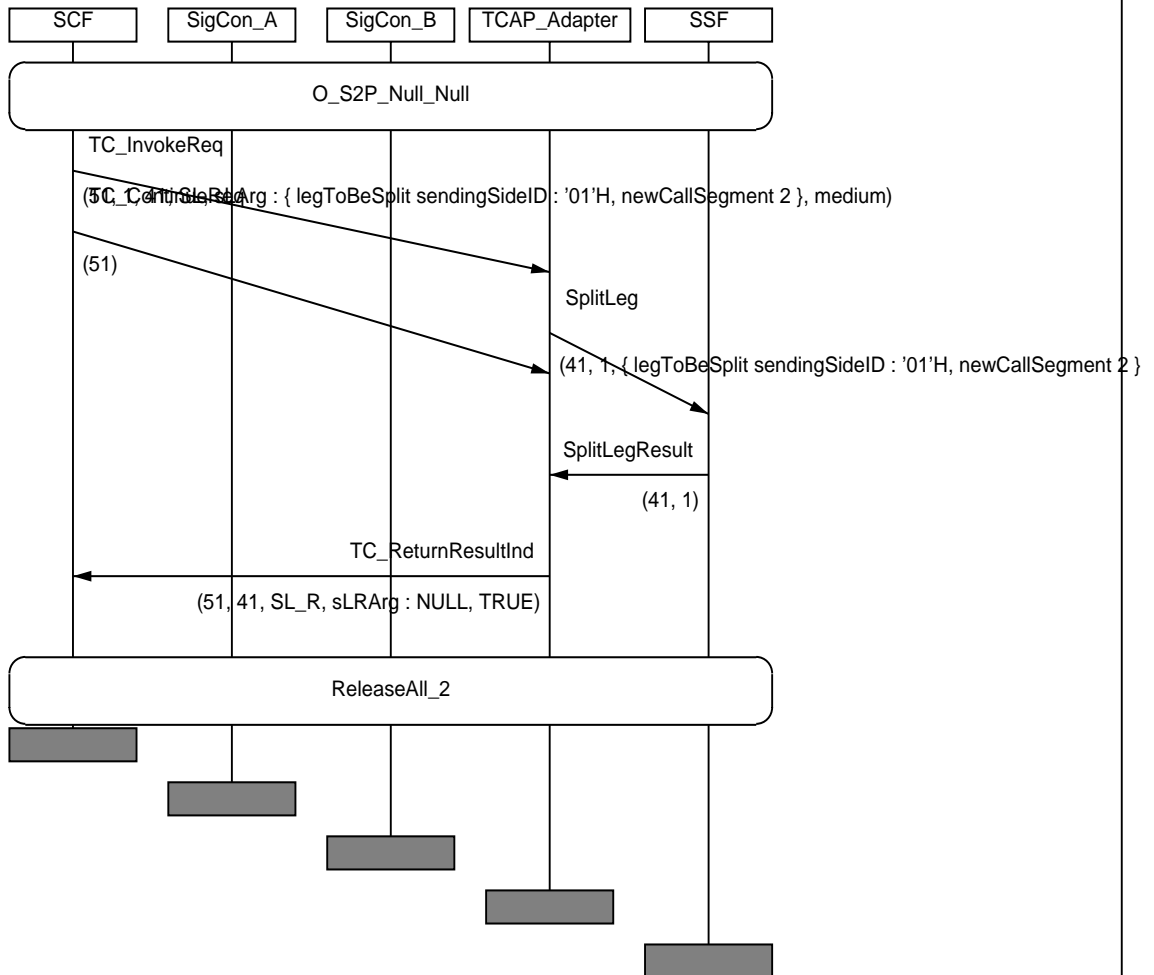
IN3_A_CPH_SL_BV_01	
Work item no.:	ITEM_CPH_20
IN2 Ref(tmp)	IN2_A_CPH_SL_BV_02
Purpose:	Verify that the SSF sends a SplitLeg ReturnResult component when having received a SplitLeg invoke component with the CS of the legToBeSplit (passive) being in the Stable_2_Party state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.1
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!SplitLeg(2,2)
Pass criteria	L1?SplitLegReturnResult
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BV_01



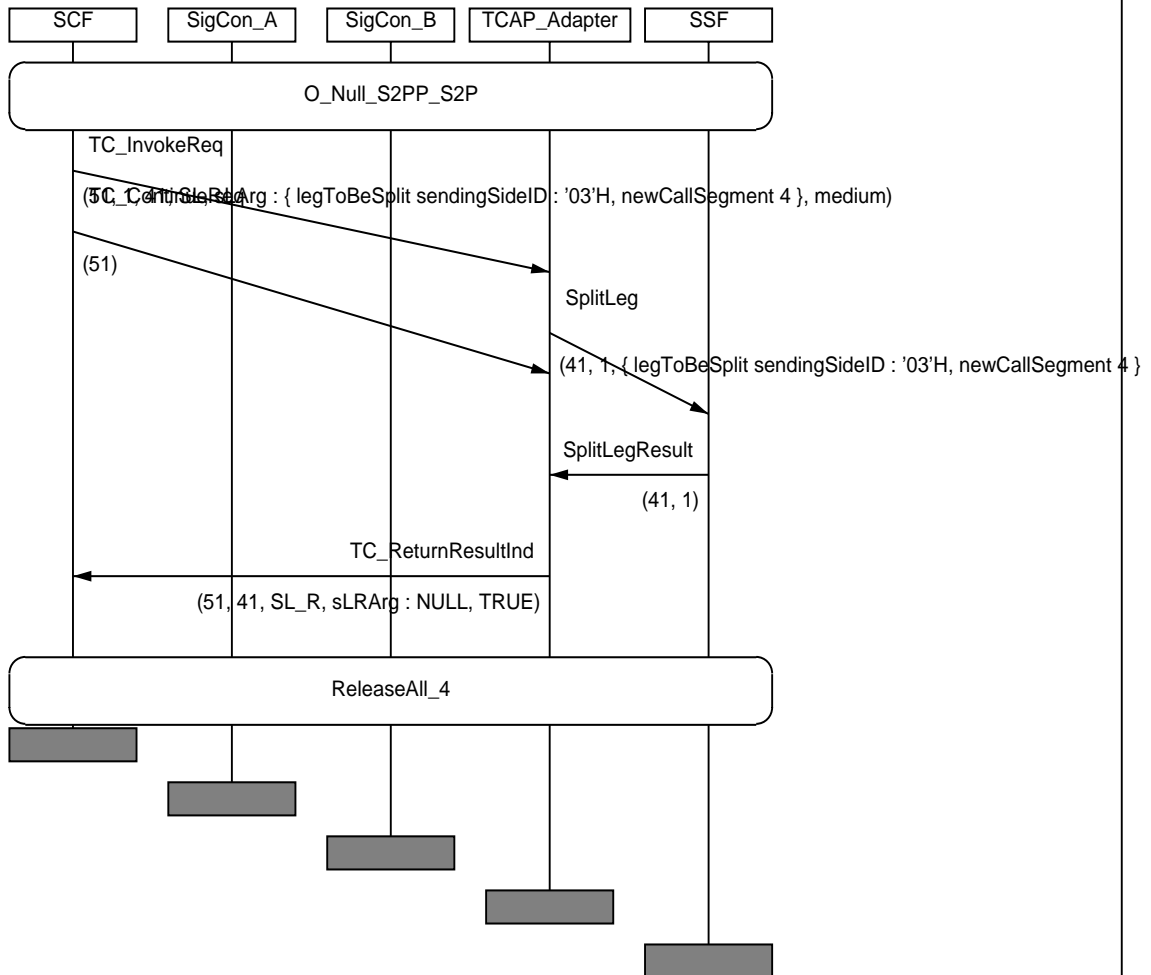
	IN3_A_CPH_SL_BV_02
Work item no.:	ITEM_CPH_21
IN2 Ref(tmp)	IN2_A_CPH_SL_BV_01
Purpose:	Verify that the SSF sends a SplitLeg ReturnResult component when having received a SplitLeg invoke component with the CS of the legToBeSplit (controlling) being in the Stable_2_Party state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.1
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!SplitLeg(1,2)
Pass criteria	L1?SplitLegReturnResult
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BV_02



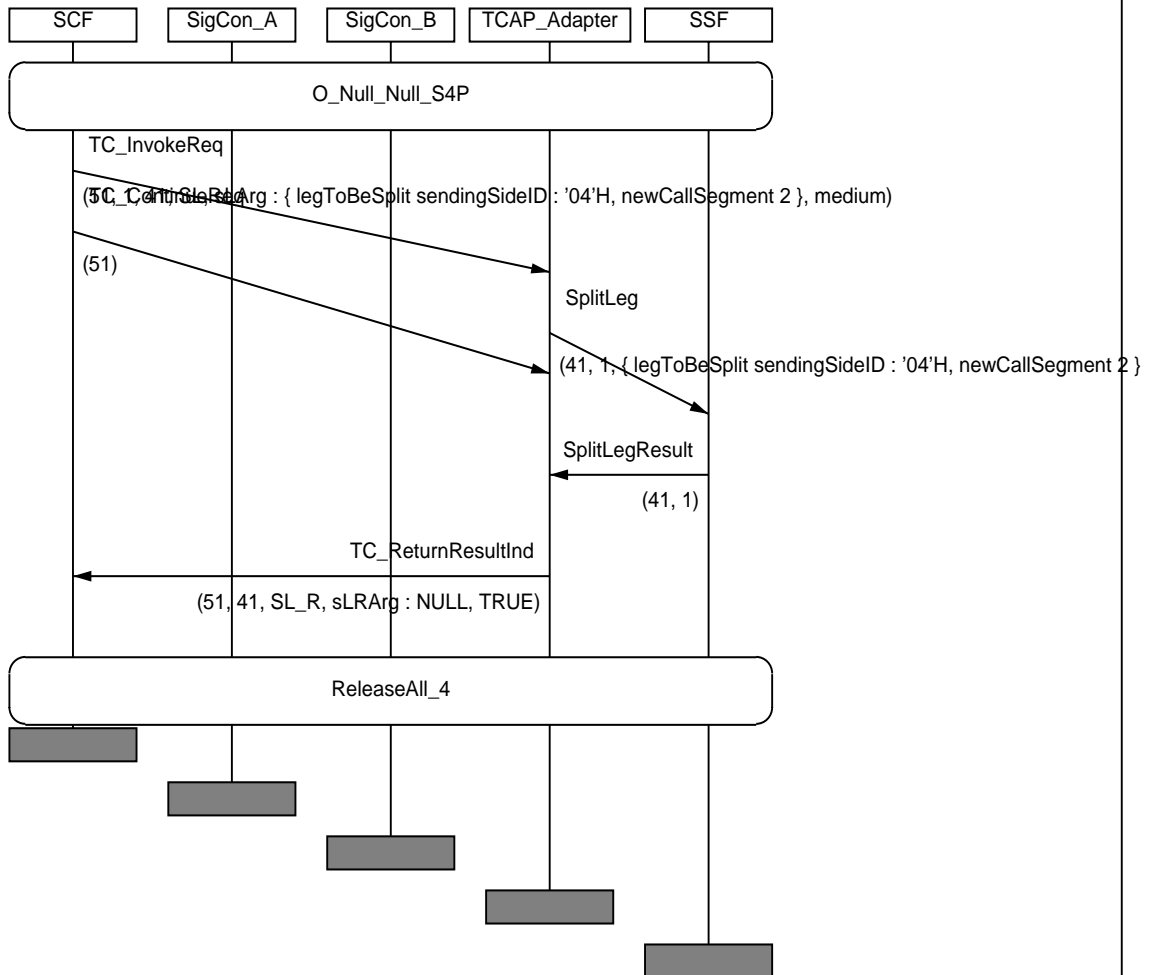
IN3_A_CPH_SL_BV_03	
Work item no.:	ITEM_CPH_156
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a SplitLeg ReturnResult component when having received a SplitLeg invoke component with the CS of the legToBeSplit (passive) being in the Stable_Multi_Passive_Party state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.1
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	L1!SplitLeg(3,4)
Pass criteria	L1?SplitLegReturnResult
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_SL_BV_03



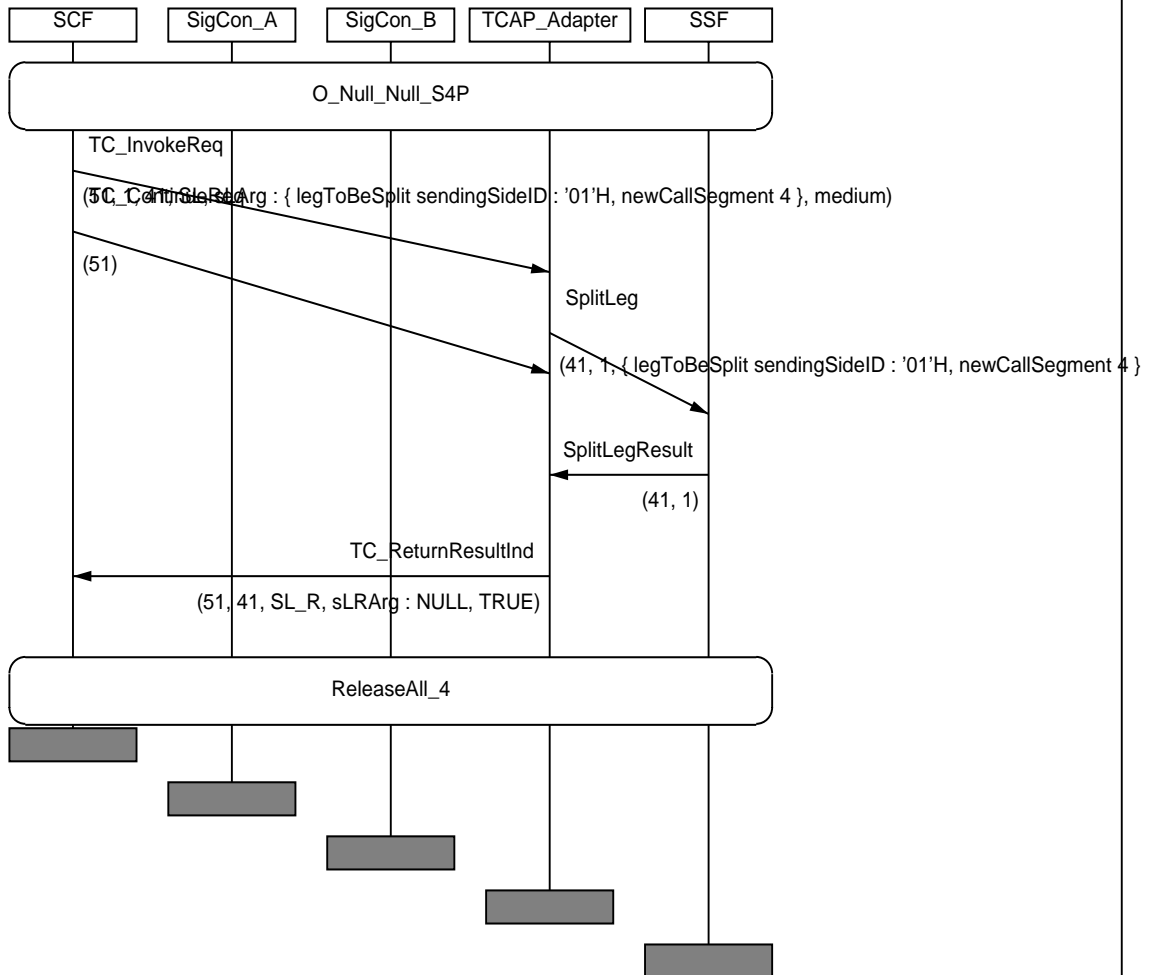
IN3_A_CPH_SL_BV_04	
Work item no.:	ITEM_CPH_157
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a SplitLeg ReturnResult component when having received a SplitLeg invoke component with the CS of the legToBeSplit (passive) being in the Stable_Multi_Party state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.1
Selection Cond.	
Preamble:	O_null_null_S4P
Test description	L1!SplitLeg(4,2)
Pass criteria	L1?SplitLegReturnResult
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_SL_BV_04

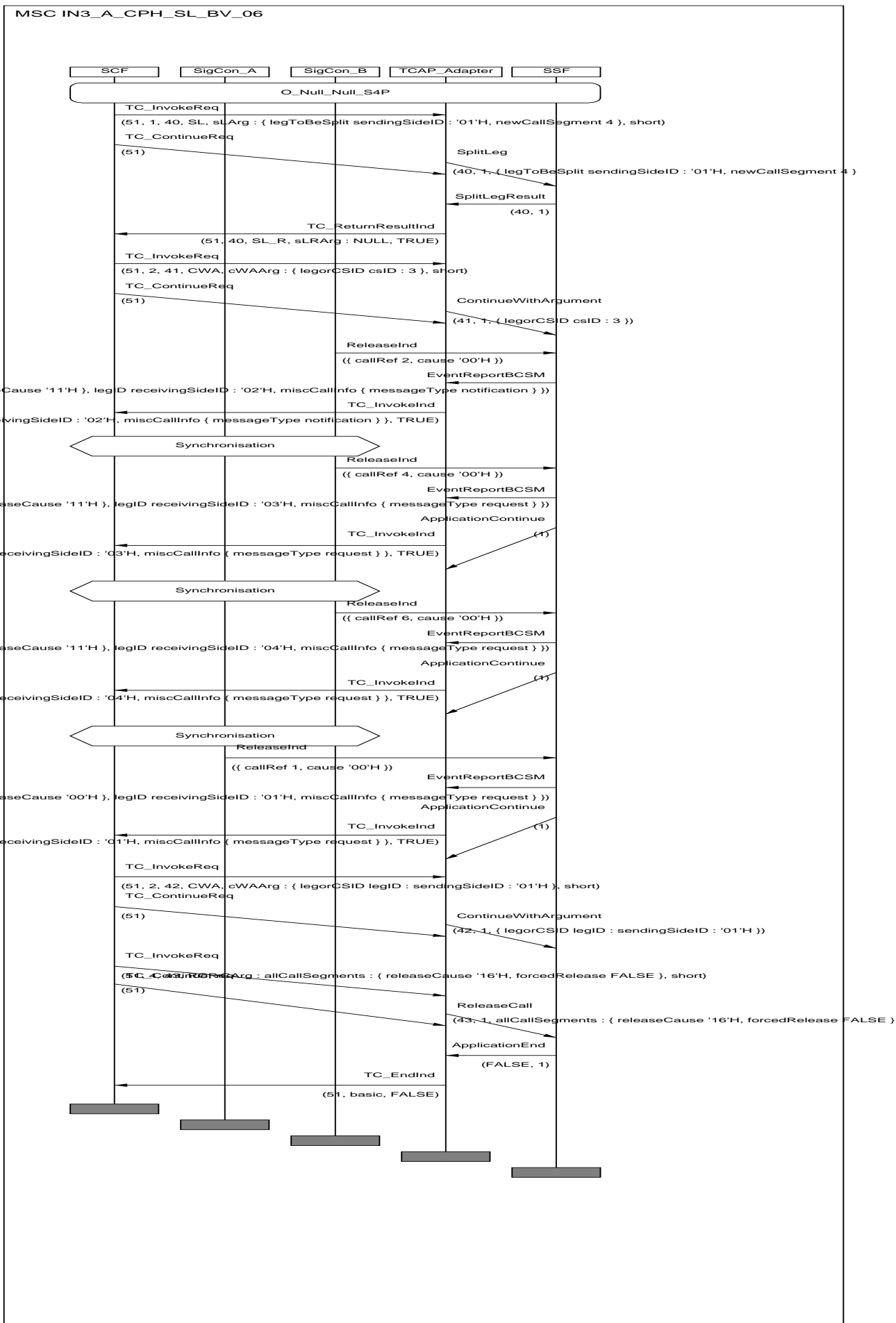


IN3_A_CPH_SL_BV_05	
Work item no.:	ITEM_CPH_158
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a SplitLeg ReturnResult component when having received a SplitLeg invoke component with the CS of the legToBeSplit (controlling) being in the Stable_Multi_Party state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.1
Selection Cond.	
Preamble:	O_null_null_S4P
Test description	L1!SplitLeg(1,4)
Pass criteria	L1?SplitLegReturnResult
Postamble:	ReleaseAll_4

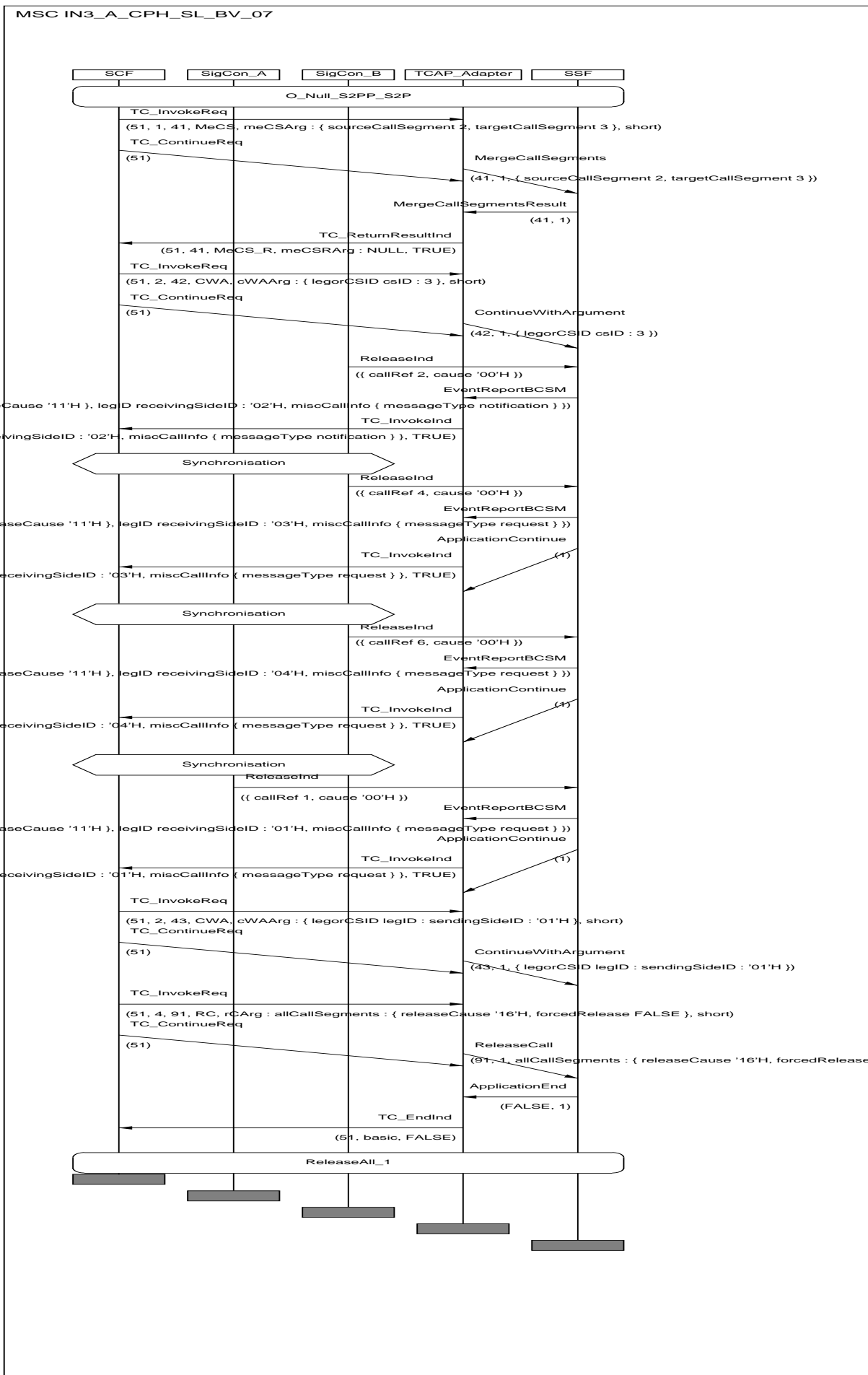
MSC IN3_A_CPH_SL_BV_05



IN3_A_CPH_SL_BV_06	
Work item no.:	ITEM_CPH_159
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF keeps the event detection points armed on all legs after performing the SplitLeg operation.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.1
Selection Cond.	
Preamble:	O_null_null_S4P
Test description	L1!SplitLeg(1,4) L1?SplitLegReturnResult L1!ContinueWithArgument (csID = 3) CP1_2!ReleaseInd(Normal clearing) L1?EventReportBCSM(2,oDisconnect) CP1_3!ReleaseInd(Normal clearing) L1?EventReportBCSM(3,oDisconnect) CP1_4!ReleaseInd(Normal clearing) L1?EventReportBCSM(4,oDisconnect) CP1_1!ReleaseInd(Normal clearing) L1?EventReportBCSM(1,oDisconnect) L1!ContinueWithArgument(legID=1) L1!ReleaseCall(allCallSegments)
Pass criteria	4 ERBs received (the event reports have been requested in the preamble)
Postamble:	None

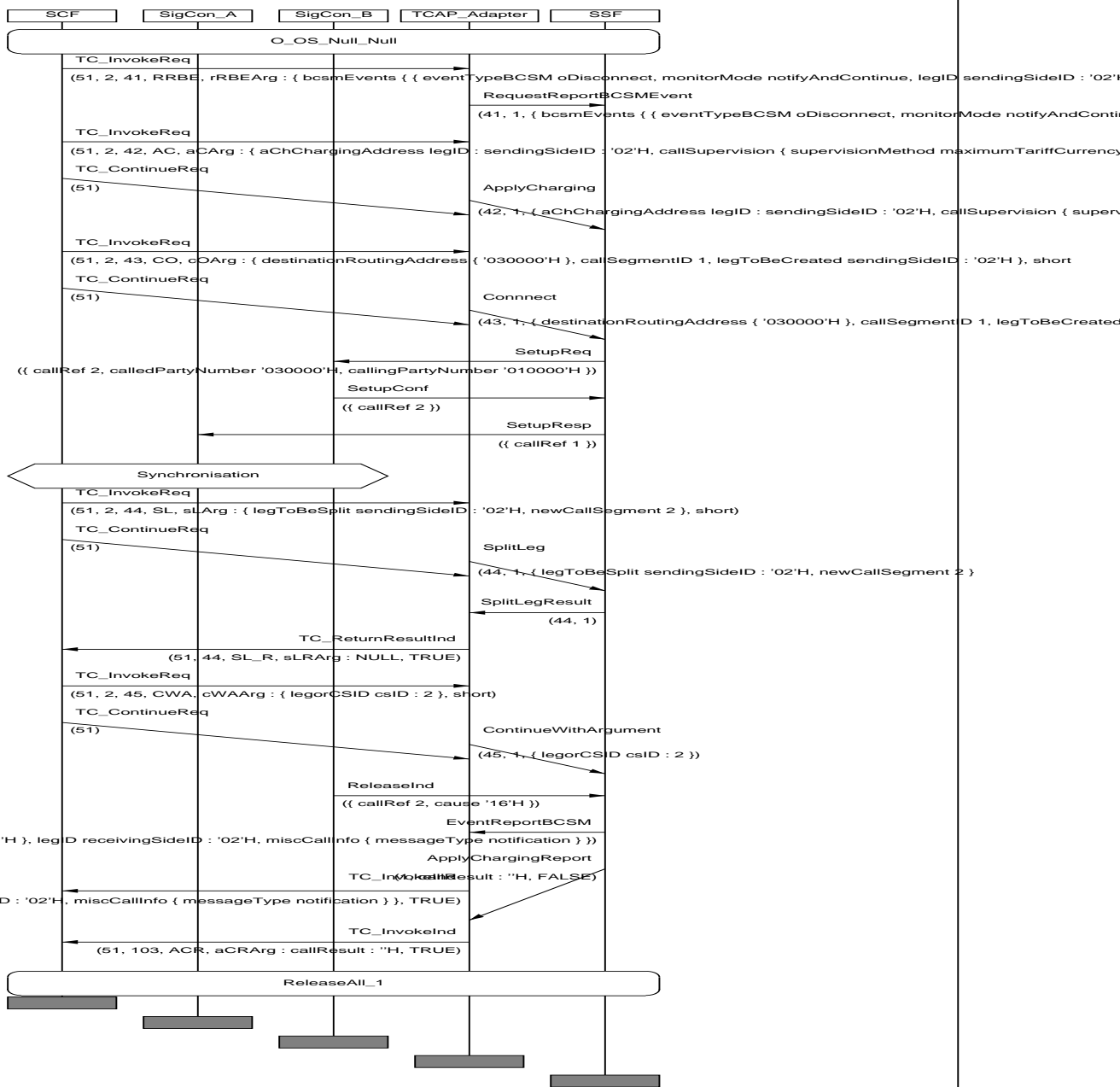


IN3_A_CPH_SL_BV_07	
Work item no.:	ITEM_CPH_160
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a CallInformationReport, when a CallInformationRequest has been invoked on leg2 (passive), leg2 has been split and a ReleaseInd has been received from SigConB.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.1
Selection Cond.	
Preamble:	O_OS_null_null
Test description	L1!RequestReportBCSMEvent(2,notifyAndContinue,oDisconnect) L1!CallInformationRequest(2) L1!Connect(2,1) CP1_2?SetupReq CP1_2!SetupConf CP1_1?SetupResp L1!SplitLeg(2,2) L1?SplitLegReturnResult L1!ContinueWithArgument(csID=2) CP1_2!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(2,oDisconnect) L1?CallInformationReport(2) NOTE: ERB and CIRP must be received in this order.
Postamble:	ReleaseAll_1



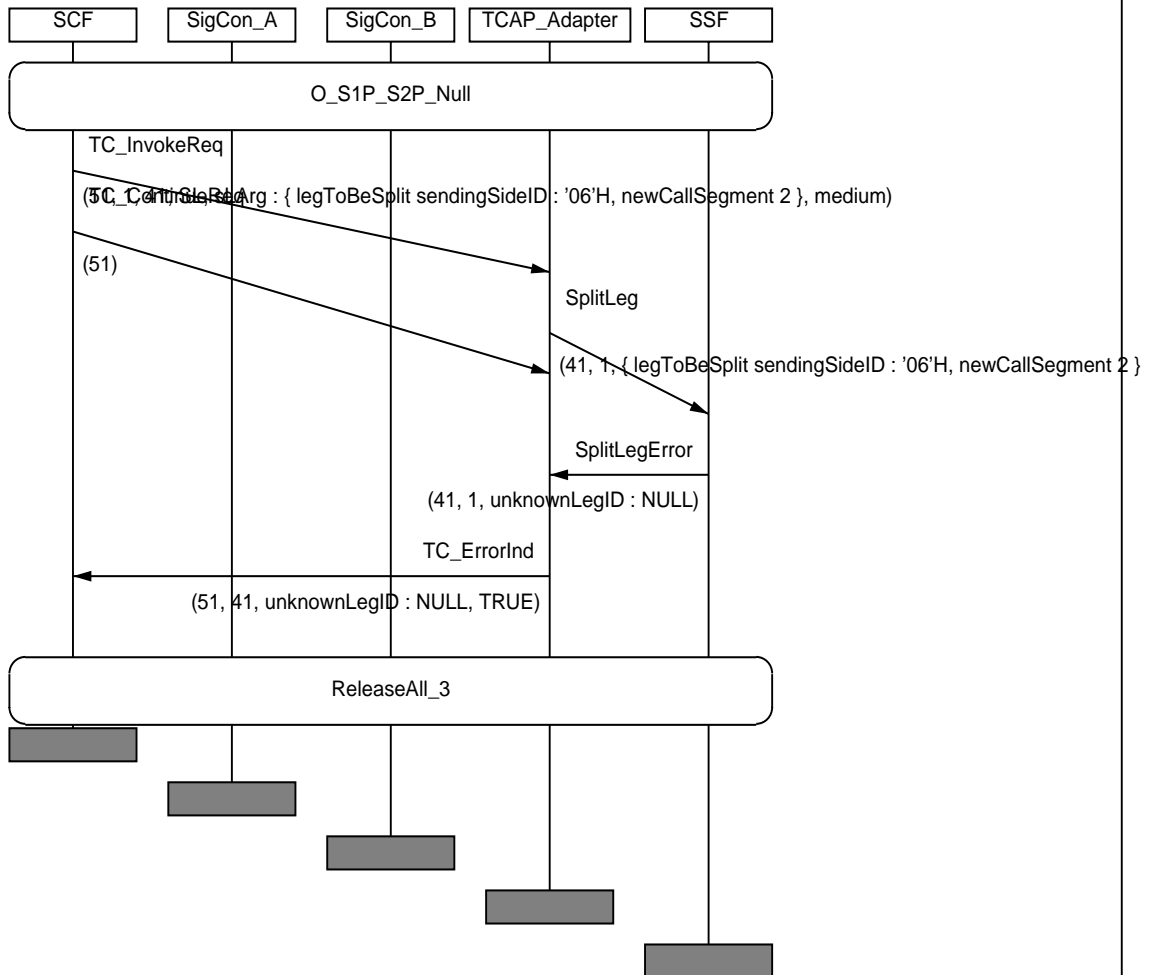
IN3_A_CPH_SL_BV_08	
Work item no.:	ITEM_CPH_205
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a ApplyChargingReport, when a ApplyChargingRequest has been invoked on leg2 (passive), leg2 has been split and a ReleaseInd has been received from SigConB.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.1
Selection Cond.	
Preamble:	O_OS_null_null
Test description	L1!RequestReportBCSMEvent(2,notifyAndContinue,oDisconnect) L1!ApplyChargingRequest(2) L1!Connect(2,1) CP1_2?SetupReq CP1_2!SetupConf CP1_1?SetupResp L1!SplitLeg(2,2) L1?SplitLegReturnResult L1!ContinueWithArgument(csID=2) CP1_2!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(2,oDisconnect) L1?ApplyChargingReport(2)
Postamble:	ReleaseAll_1

MSC IN3_A_CPH_SL_BV_08



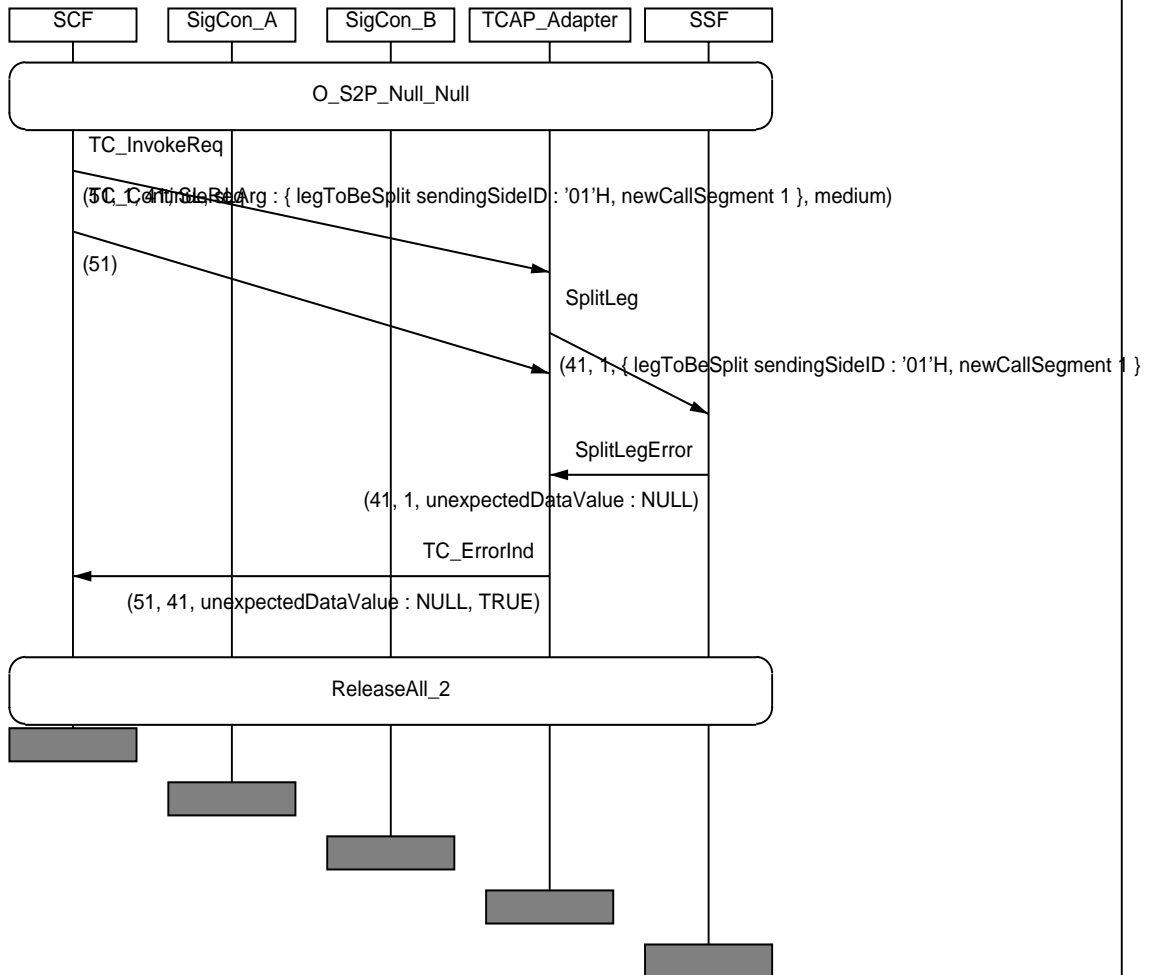
IN3_A_CPH_SL_BI_01	
Work item no.:	ITEM_CPH_22
IN2 Ref(tmp)	IN2_A_CPH_SL_BI_01
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (unknownlegID) after having received from the SCF a SplitLeg invoke component with parameter legToBeSplit not being assigned to a leg.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!SplitLeg(6,2)
Pass criteria	L1?SplitLeg ReturnError(unknownlegID)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_SL_BI_01



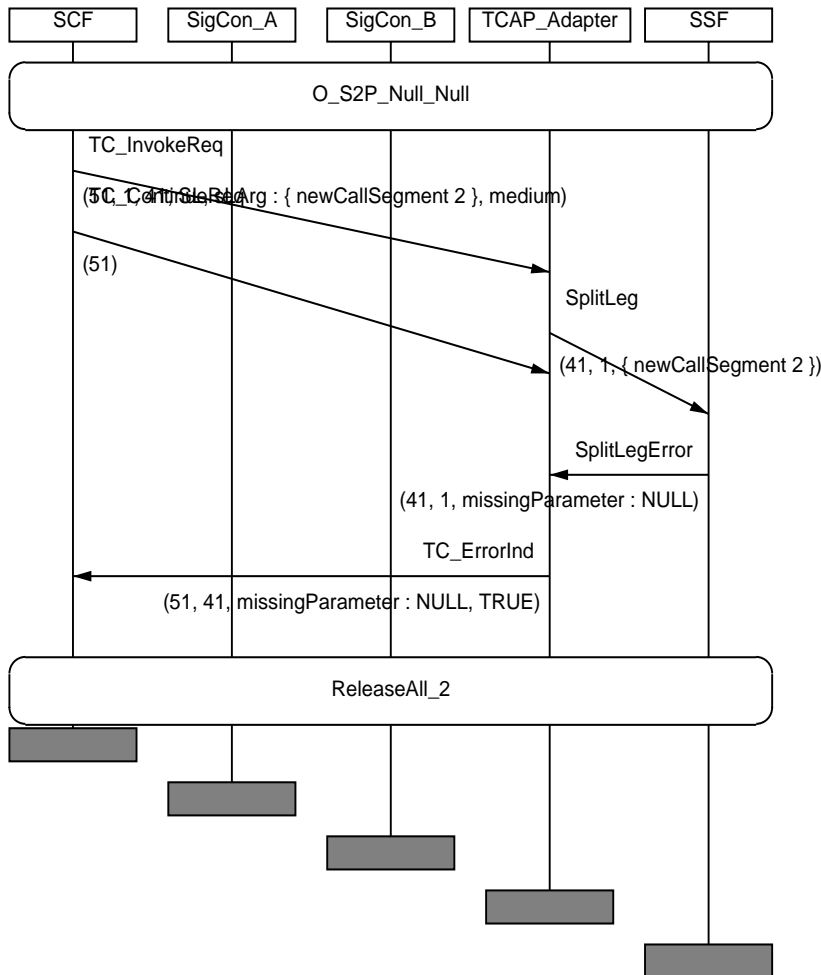
IN3_A_CPH_SL_BI_02	
Work item no.:	ITEM_CPH_170
IN2 Ref(tmp)	IN2_A_CPH_SL_BI_01
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (unexpectedDataValue) after having received from the SCF a SplitLeg invoke component with parameter newCallSegment being equal to the (original) csID of the legToBeSplit.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!SplitLeg(1,1)
Pass criteria	L1?SplitLeg ReturnError(unexpectedDataValue)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BI_02



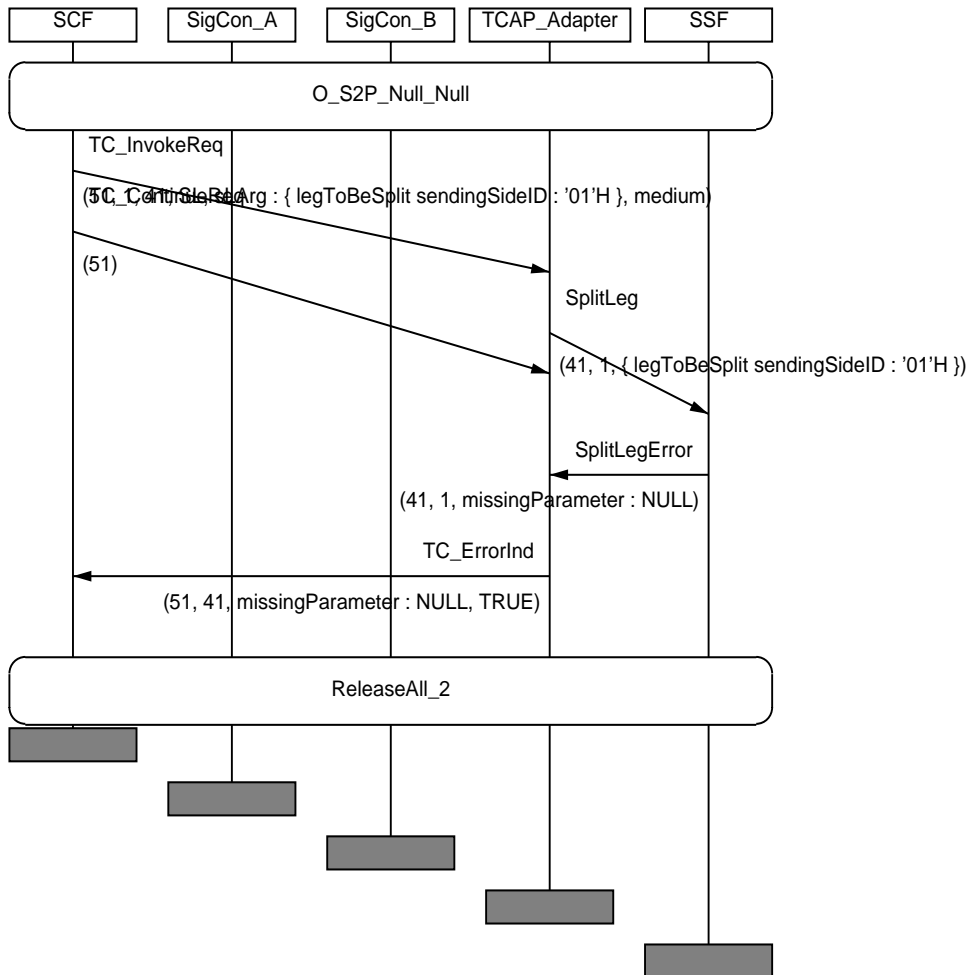
	IN3_A_CPH_SL_BI_03
Work item no.:	ITEM_CPH_171
IN2 Ref(tmp)	IN2_A_CPH_SL_BI_01
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (missingParameter) after having received from the SCF a SplitLeg invoke component and parameter legToBeSplit is not contained in the invoke component.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!SplitLeg(.2) (Parameter legToBeSplit is not contained in the component)
Pass criteria	L1?SplitLeg ReturnError(missingParameter)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BI_03



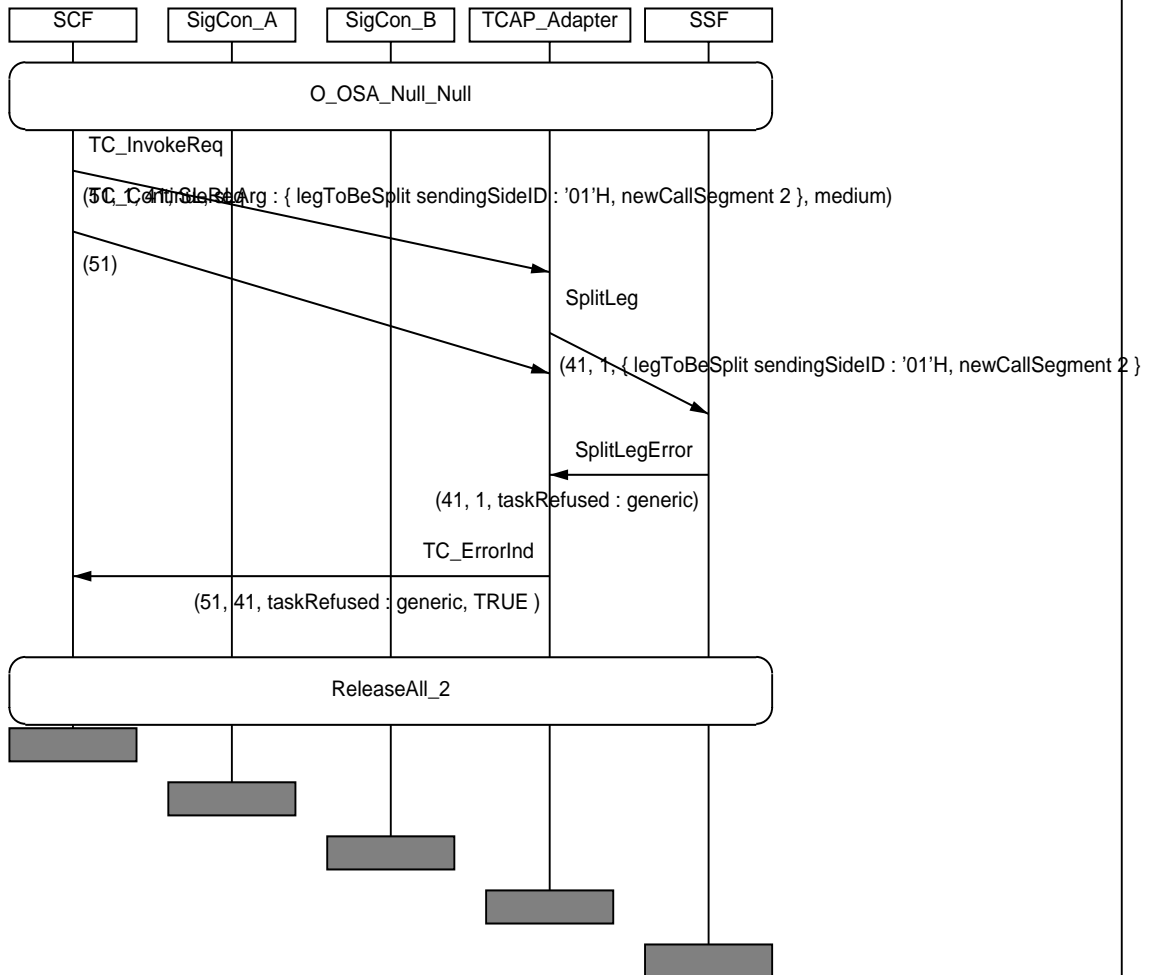
IN3_A_CPH_SL_BI_04	
Work item no.:	ITEM_CPH_172
IN2 Ref(tmp)	IN2_A_CPH_SL_BI_01
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (missingParameter) after having received from the SCF a SplitLeg invoke component and parameter newCallSegment is not contained in the invoke component.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!SplitLeg(1,) (Parameter newCallSegment is not contained in the component)
Pass criteria	L1?SplitLeg ReturnError(missingParameter)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BI_04



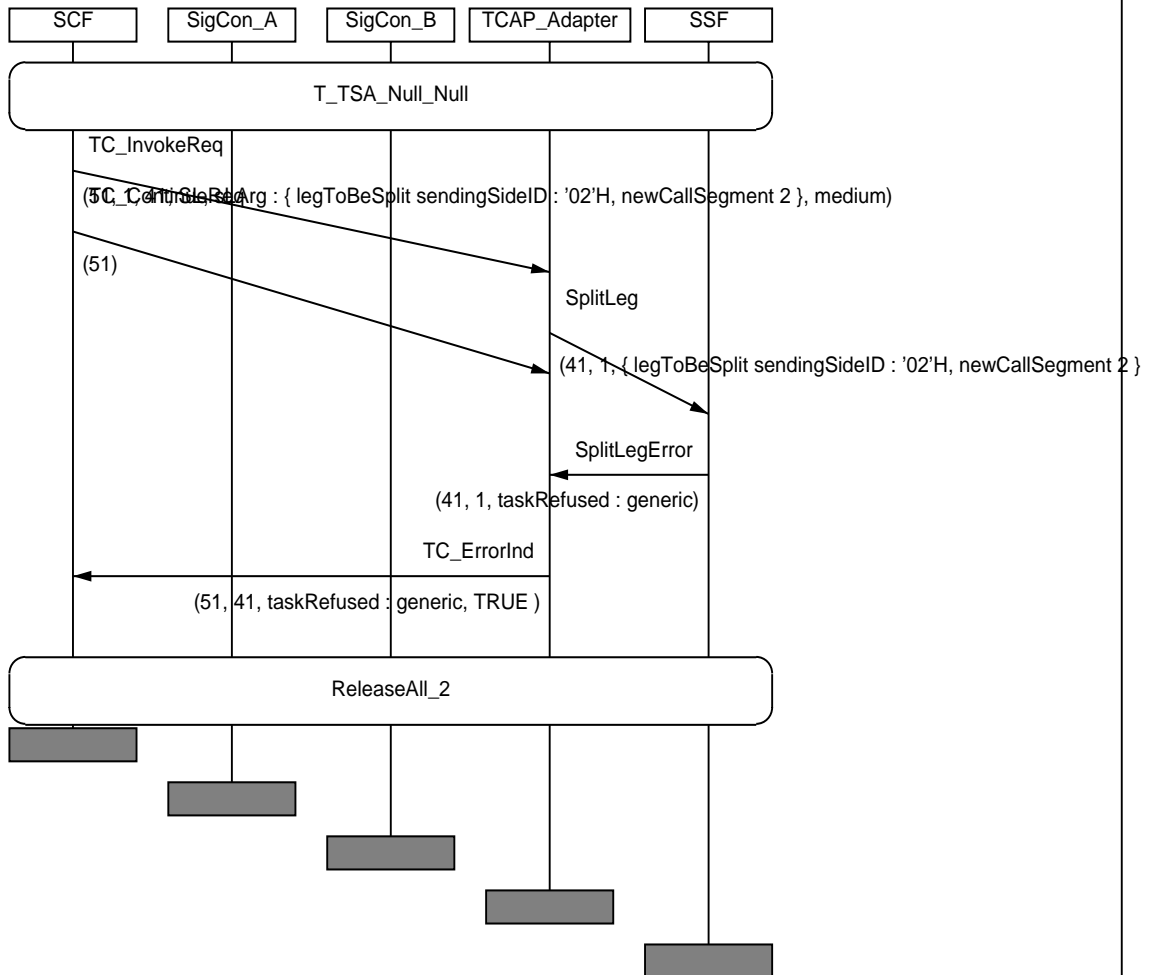
IN3_A_CPH_SL_BO_01	
Work item no.:	ITEM_CPH_161
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (taskRefused), after having received from the SCF a SplitLeg invoke component with the CS of the legToBeSplit (controlling) being in the Originating_Setup state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_OSA_null_null
Test description	L1!SplitLeg(1,2)
Pass criteria	L1?SplitLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BO_01



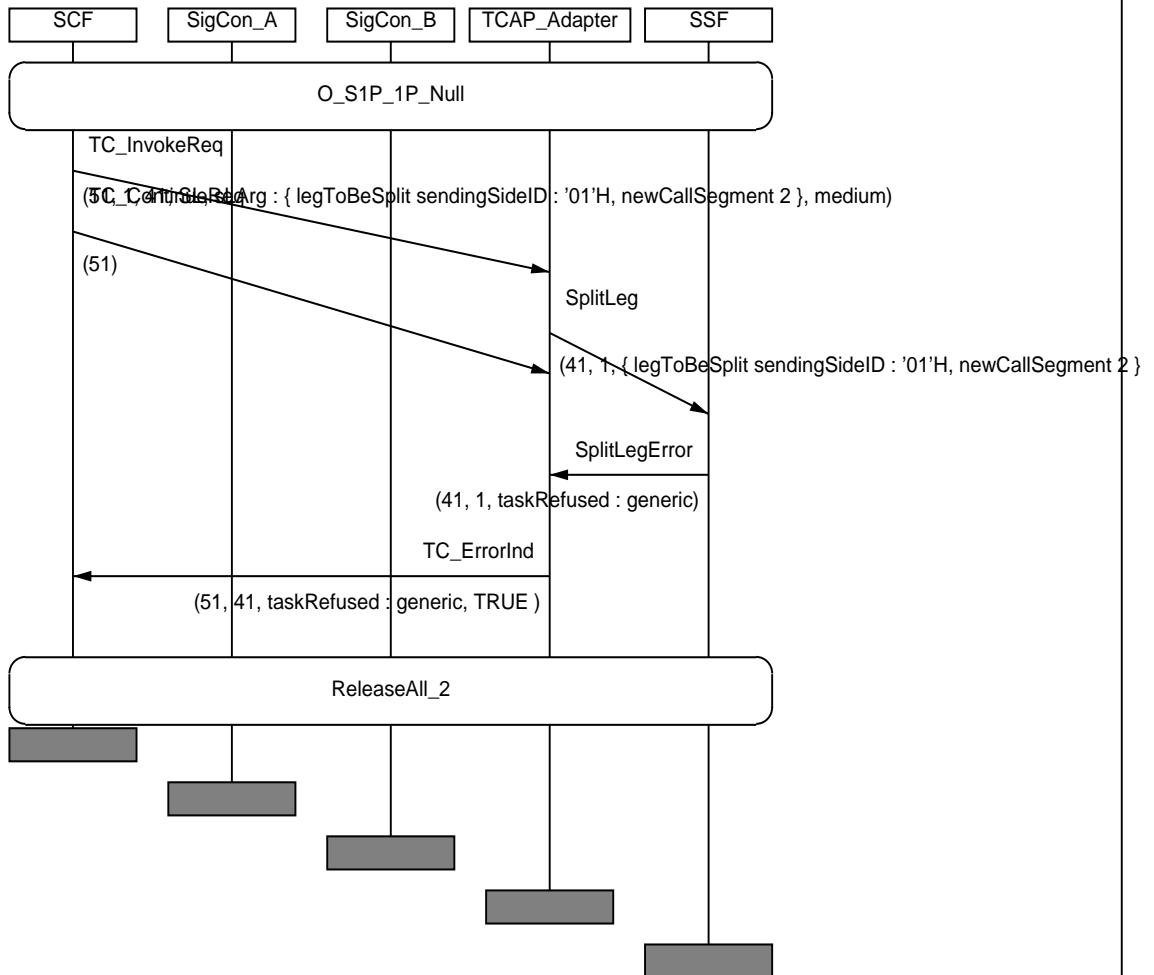
IN3_A_CPH_SL_BO_02	
Work item no.:	ITEM_CPH_162
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (taskRefused), after having received from the SCF a SplitLeg invoke component with the CS of the legToBeSplit (controlling) being in the Terminating_Setup state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_TSA_null_null
Test description	L1!SplitLeg(2,2)
Pass criteria	L1?SplitLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BO_02



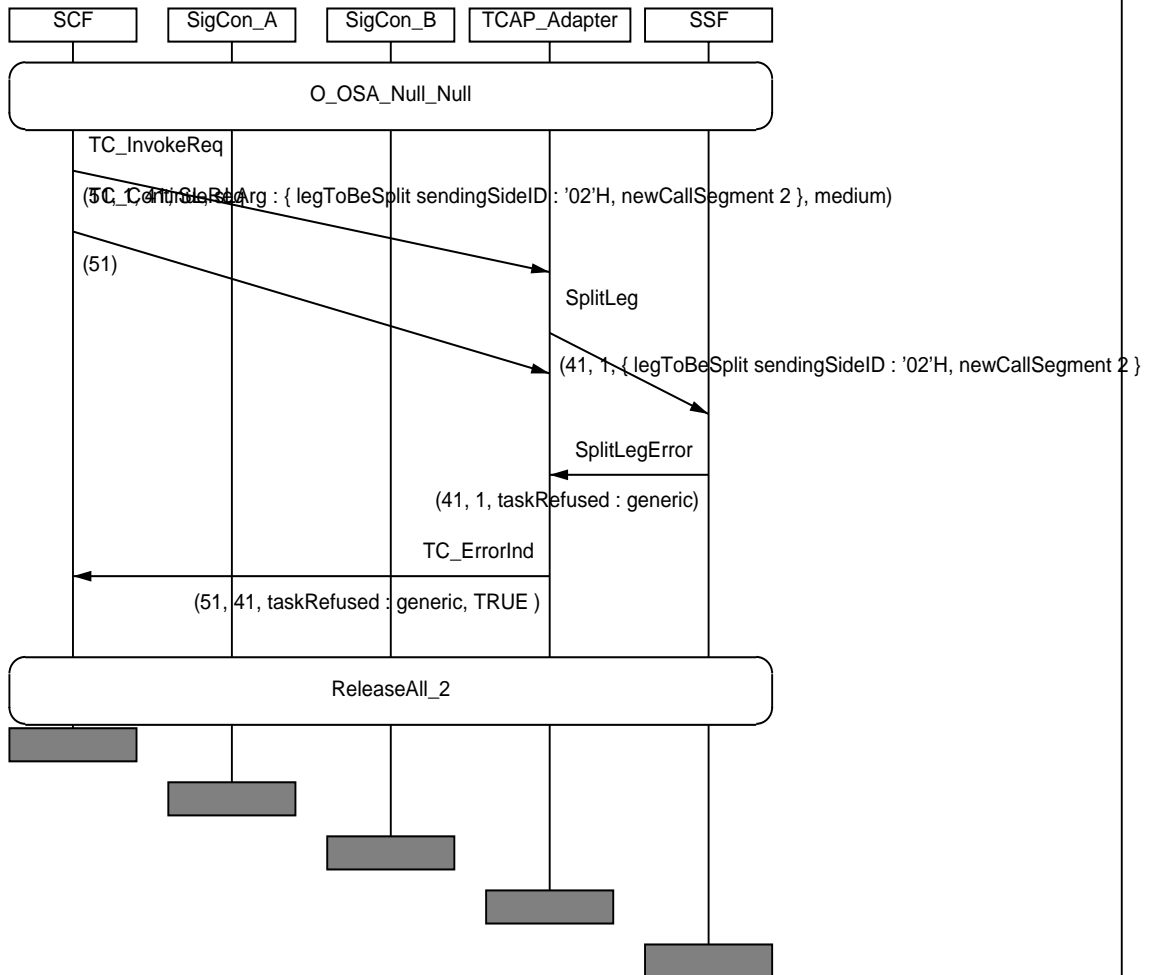
IN3_A_CPH_SL_BO_03	
Work item no.:	ITEM_CPH_163
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (taskRefused), after having received from the SCF a SplitLeg invoke component with the CS of the legToBeSplit (controlling) being in the 1_Party state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_1P_null
Test description	L!SplitLeg(1,2)
Pass criteria	L?SplitLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BO_03



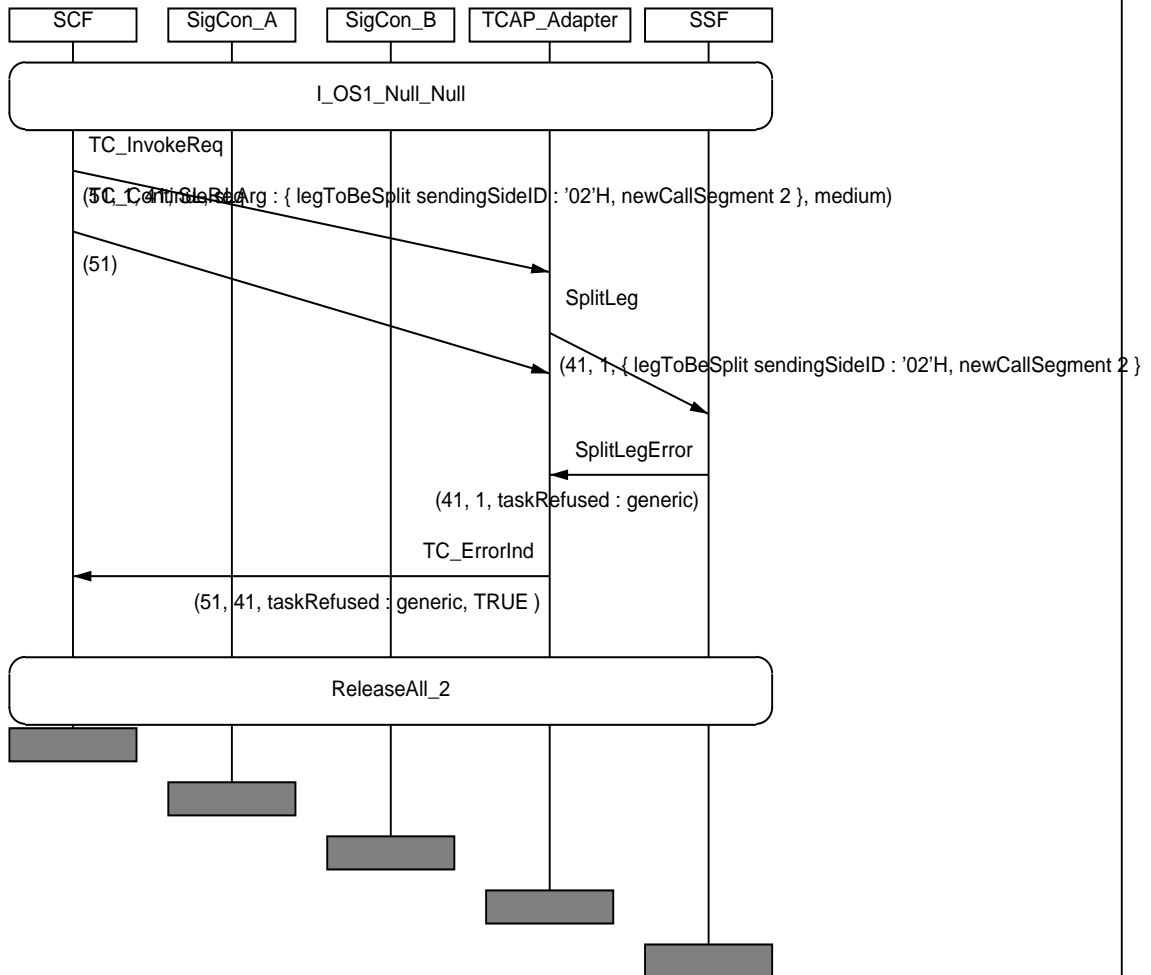
IN3_A_CPH_SL_BO_04	
Work item no.:	ITEM_CPH_164
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (taskRefused), after having received from the SCF a SplitLeg invoke component with the CS of the legToBeSplit (passive) being in the Originating_Setup state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_OSA_null_null
Test description	L1!SplitLeg(2,2)
Pass criteria	L1?SplitLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BO_04



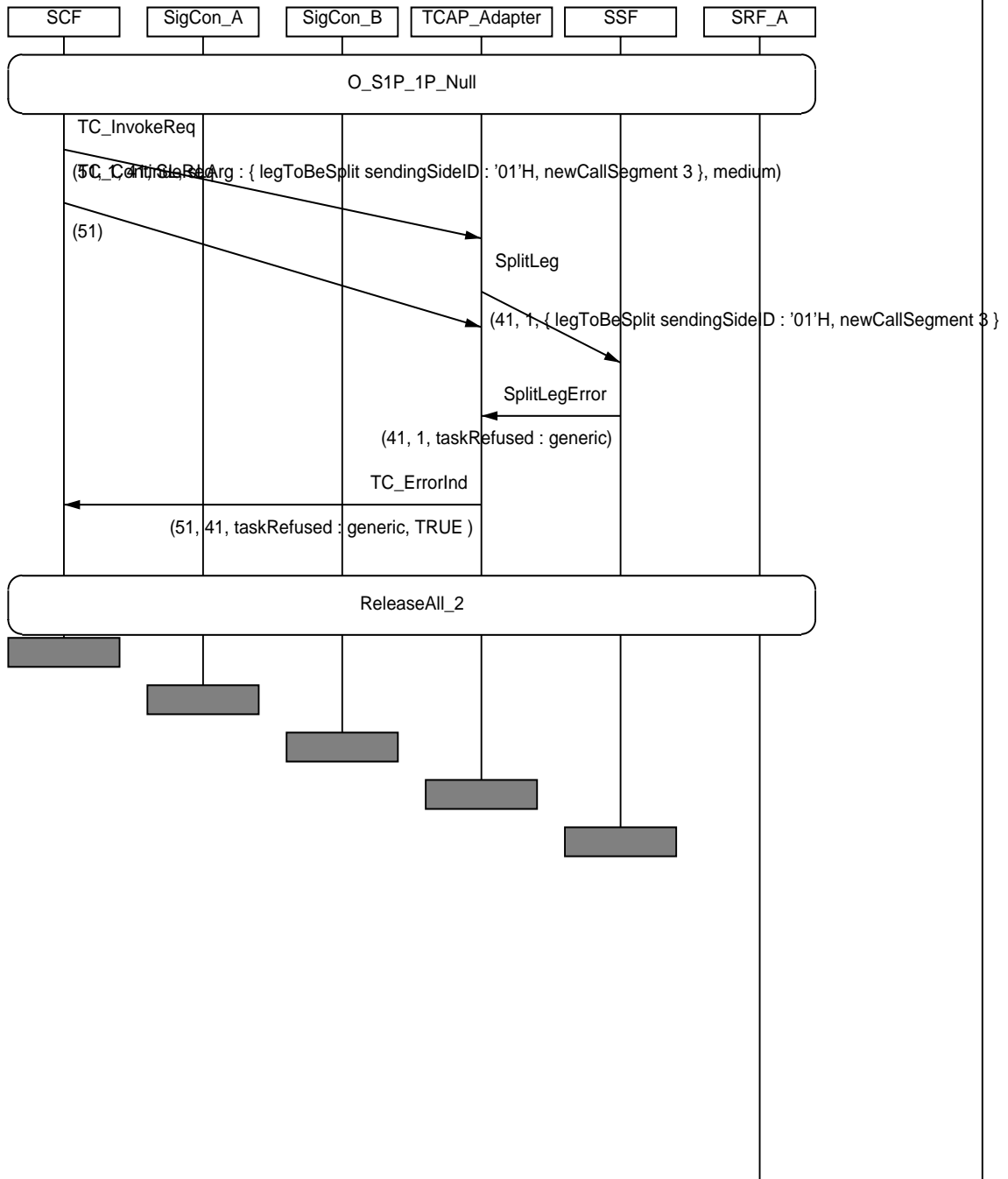
IN3_A_CPH_SL_BO_05	
Work item no.:	ITEM_CPH_165
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (taskRefused), after having received from the SCF a SplitLeg invoke component with the CS of the legToBeSplit (passive) being in the <u>Originating_1_Party_Setup</u> state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_OS1_null_null
Test description	L1!SplitLeg(2,2)
Pass criteria	L1?SplitLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BO_05



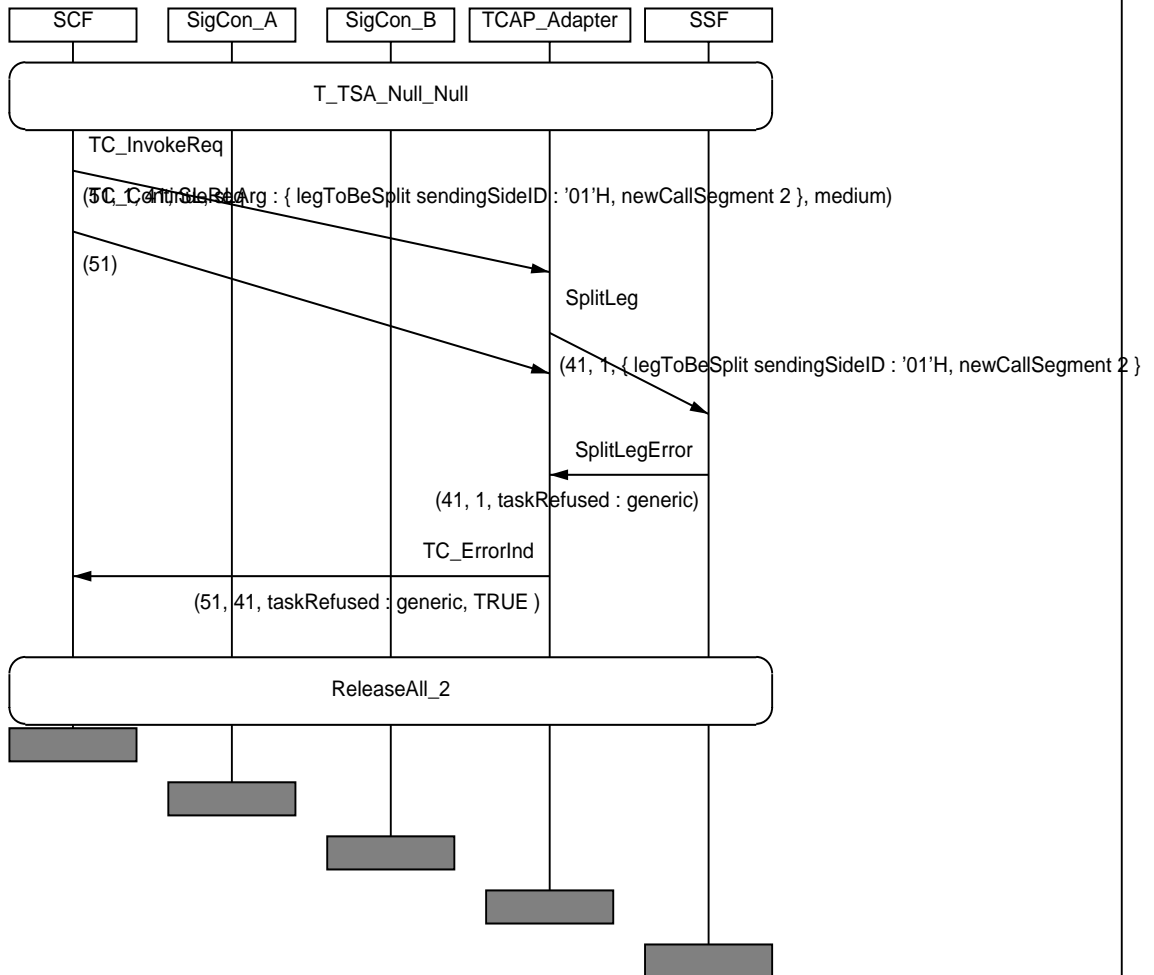
IN3_A_CPH_SL_BO_06	
Work item no.:	ITEM_CPH_166
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (taskRefused), after having received from the SCF a SplitLeg invoke component with the CS of the legToBeSplit (passive) being in the Stable_1_Party state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_1P_null
Test description	L1!SplitLeg(1,3)
Pass criteria	L1?SplitLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BO_06



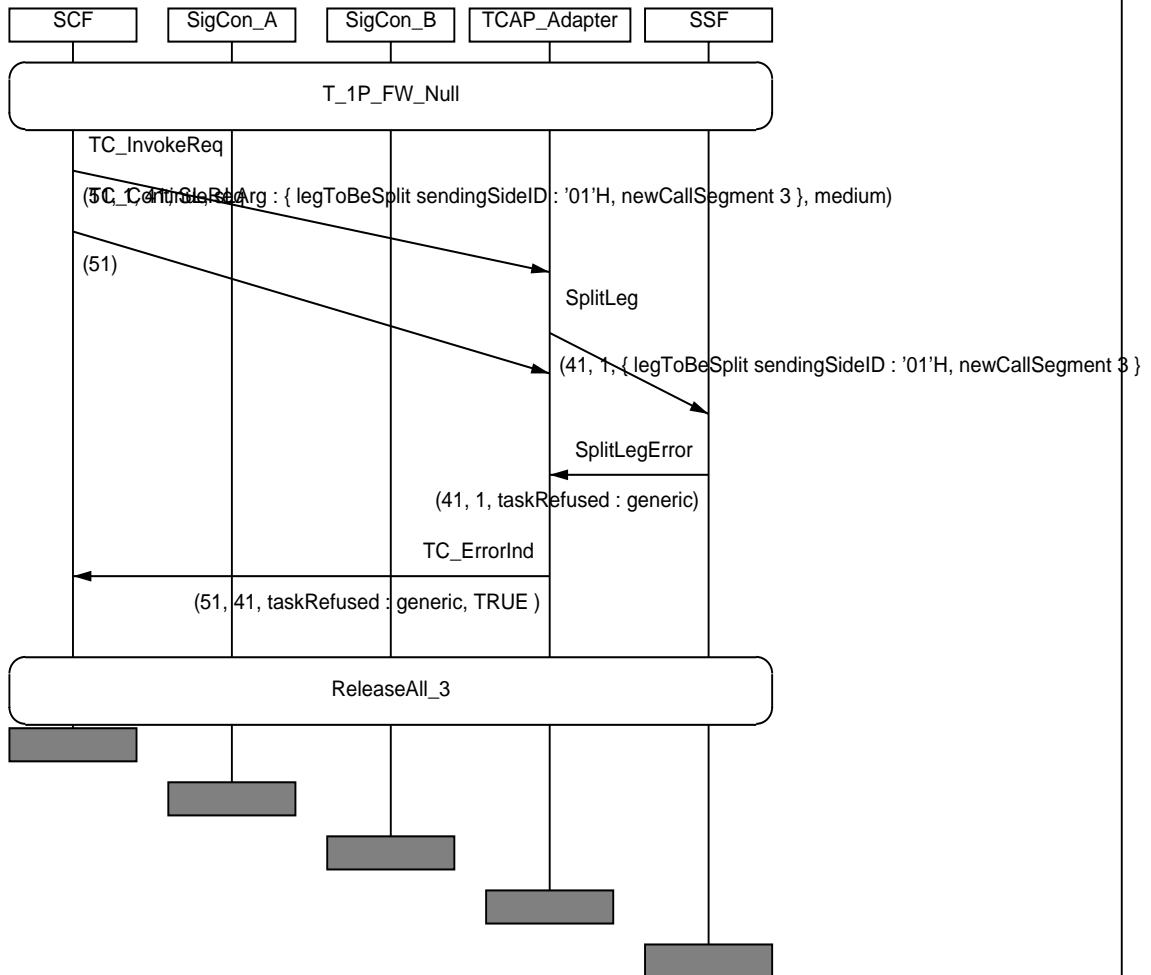
IN3_A_CPH_SL_BO_07	
Work item no.:	ITEM_CPH_167
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (taskRefused), after having received from the SCF a SplitLeg invoke component with the CS of the legToBeSplit (passive) being in the Terminating_Setup state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_TSA_null_null
Test description	L1!SplitLeg(1,2)
Pass criteria	L1?SplitLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_SL_BO_07



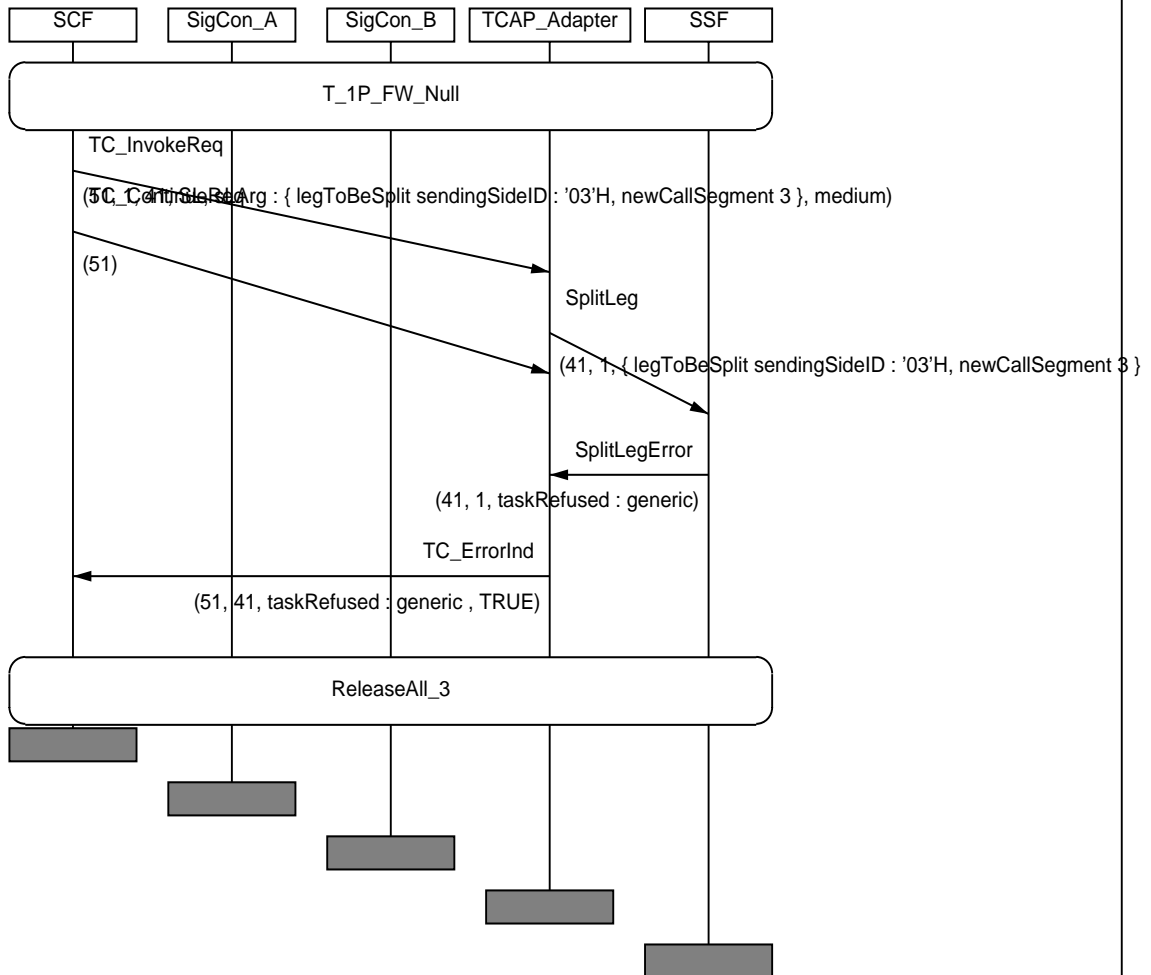
IN3_A_CPH_SL_BO_08	
Work item no.:	ITEM_CPH_168
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (taskRefused), after having received from the SCF a SplitLeg invoke component with the CS of the legToBeSplit (passive,joined) being in the Forward state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_1P_FW_null
Test description	L1!SplitLeg(1,3)
Pass criteria	L1?SplitLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_SL_BO_08



IN3_A_CPH_SL_BO_09	
Work item no.:	ITEM_CPH_169
IN2 Ref(tmp)	
Purpose:	Verify that the SSF sends to the SCF a SplitLeg ReturnError component (taskRefused), after having received from the SCF a SplitLeg invoke component with the CS of the legToBeSplit (passive,pending) being in the Forward state.
Requirements refs	6.6.3.4.2, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.46.1, 11.46.1.1.1, 11.46.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_1P_FW_null
Test description	L1!SplitLeg(3,3)
Pass criteria	L1?SplitLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_3

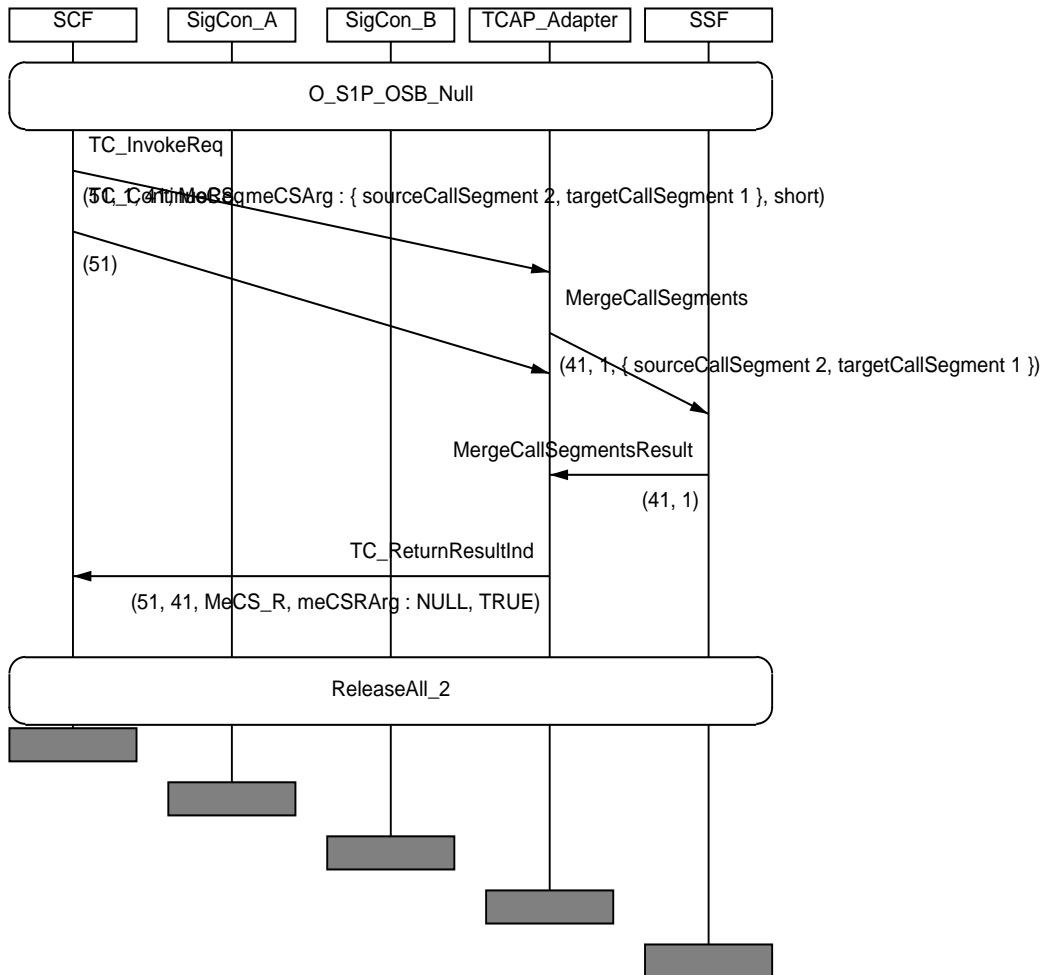
MSC IN3_A_CPH_SL_BO_09



8.4 MergeCallSegments (MECS) procedure

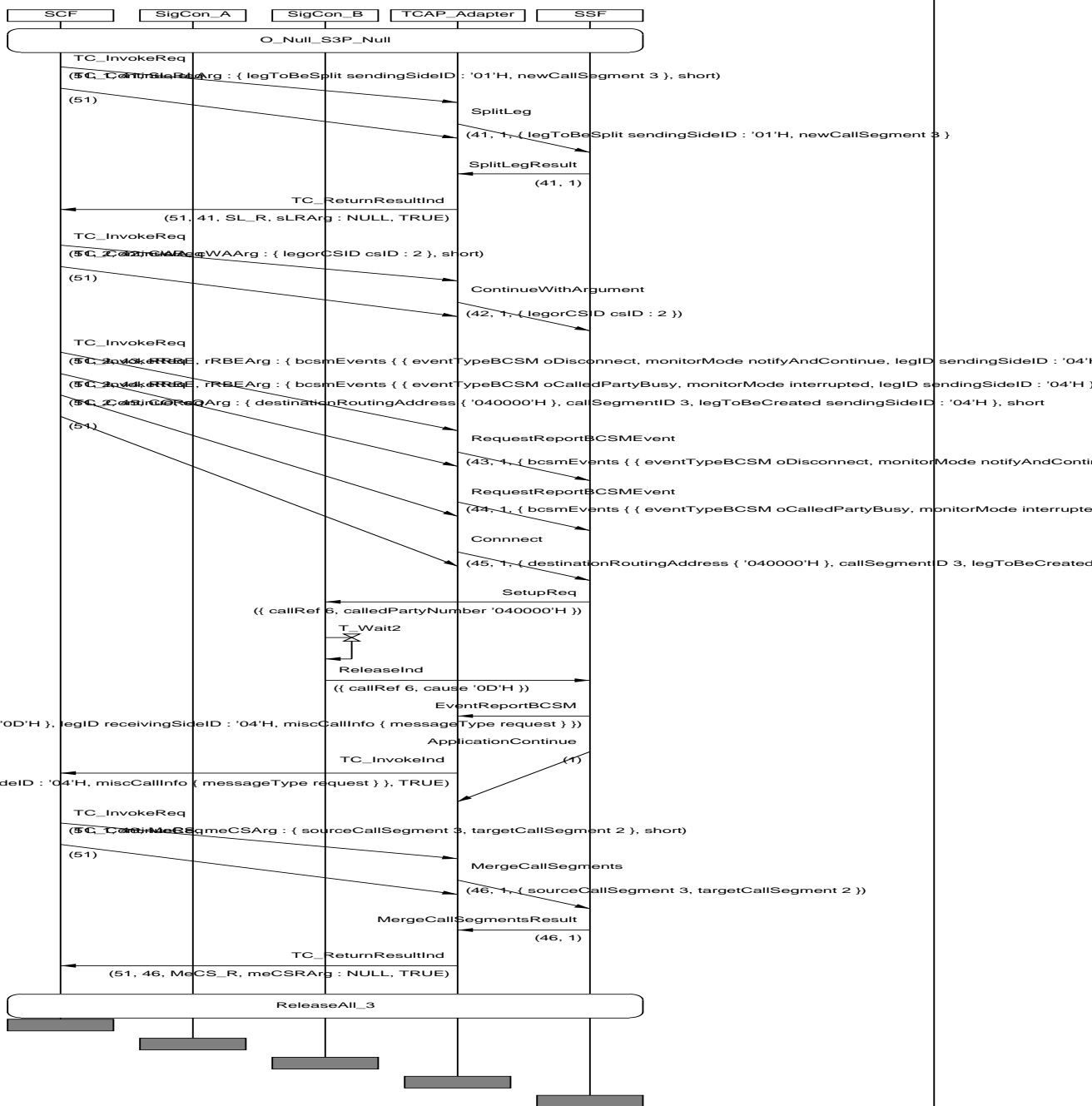
IN3_A_CPH_MECS_BV_01	
Work item no.:	ITEM_CPH_173
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Originating_Setup state (waiting for instructions in the O_Called_Party_Busy DP) and the targetCS being in the Stable_1_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_S1P_OSB_null
Test description	L1!MergeCallSegments(2,1)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_MECS_BV_01



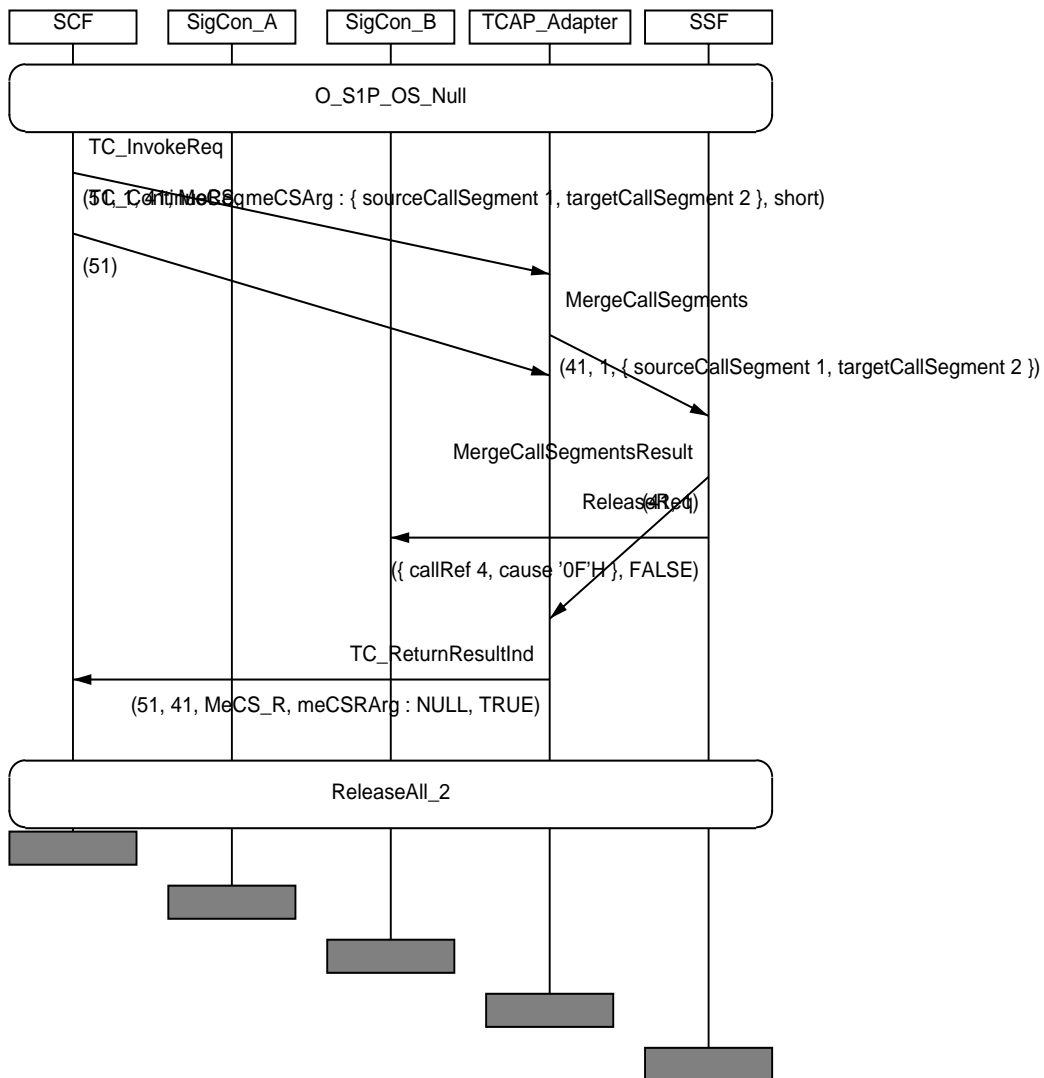
IN3_A_CPH_MECS_BV_02	
Work item no.:	ITEM_CPH_174
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Originating_Setup state (waiting for instructions in the O_Called_Party_Busy DP) and the targetCS being in the Stable_Multi_Passive_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S3P_null
Test description	L1!SplitLeg(1,3) L1?SplitLegReturnResult L1!ContinueWithArgument (csID = 2) L1!RequestReportBCSMEvent(4,notifyAndContinue,oDisconnect) L1!RequestReportBCSMEvent(4,interrupted,oCalledPartyBusy) L1!Connect(4,3) CP1_4?SetUpReq CP1_4!ReleaseInd(Busy cause) L1?EventReportBCSM(4,oCalledPartyBusy) L1!MergeCallSegments(3,2)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MECS_BV_02



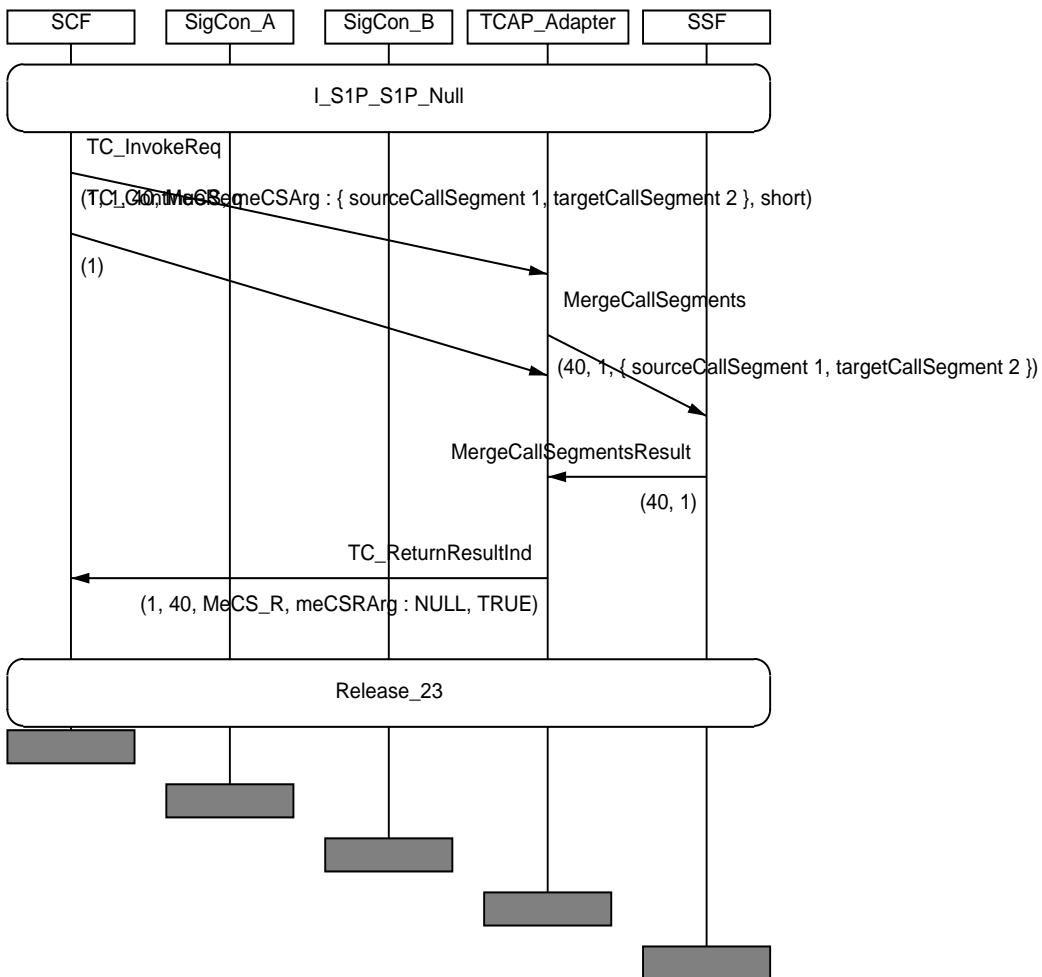
IN3_A_CPH_MECS_BV_03	
Work item no.:	ITEM_CPH_175
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_1_Party state and the targetCS being in the Originating_Setup state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_S1P_OS_null
Test description	L1!MergeCallSegments(1,2) L1?MergeCallSegments ReturnResult CP1_3?ReleaseReq
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_MECS_BV_03



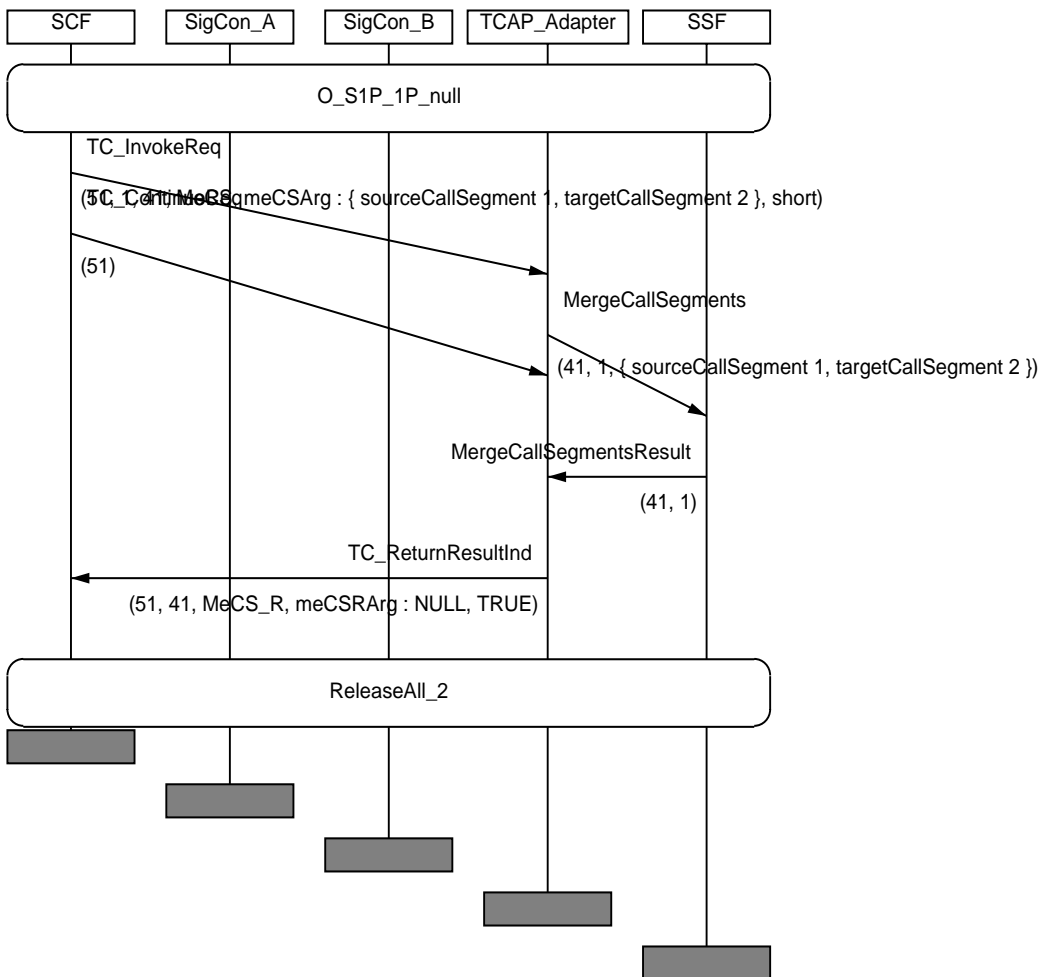
IN3_A_CPH_MECS_BV_04	
Work item no.:	ITEM_CPH_176
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_1_Party state and the targetCS being in the Stable_1_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	I_S1P_S1P_null
Test description	L1!MergeCallSegments(1,2)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	Release_23

MSC IN3_A_CPH_MECS_BV_04



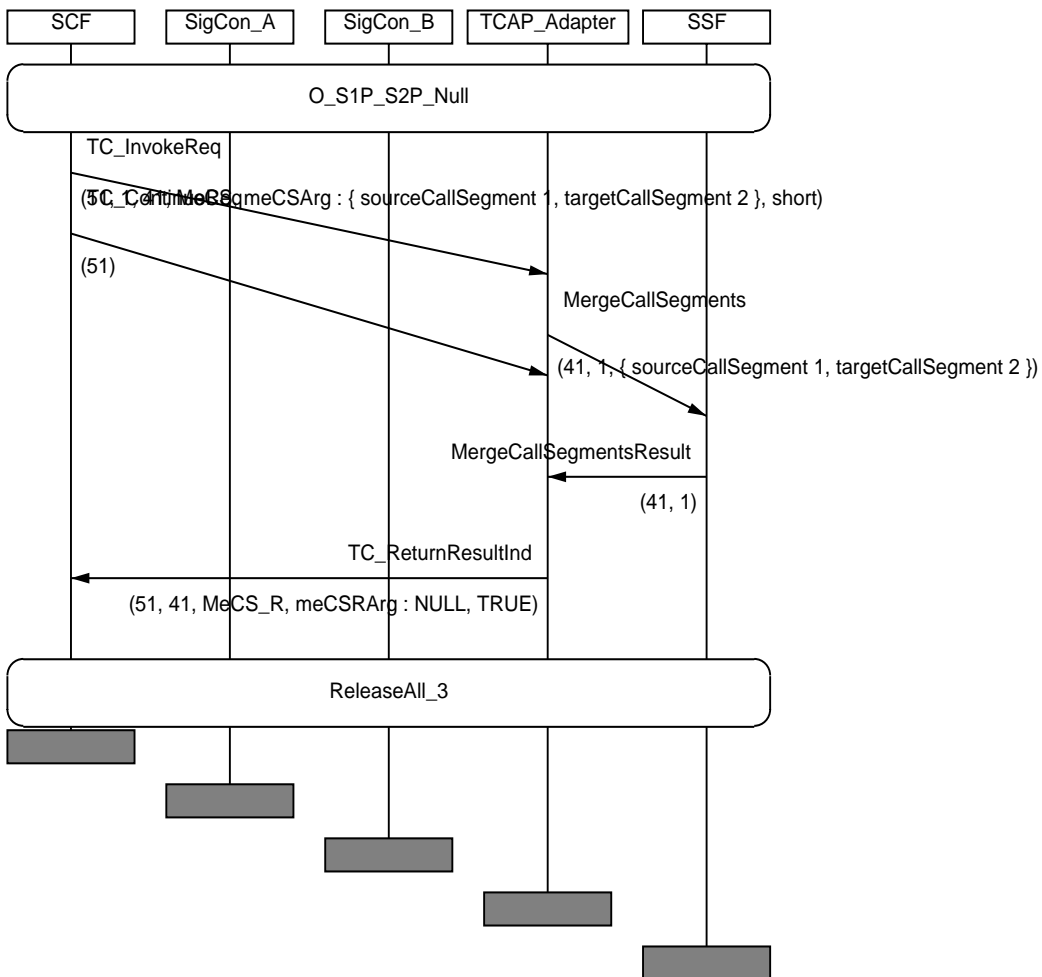
IN3_A_CPH_MECS_BV_05	
Work item no.:	ITEM_CPH_177
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_1_Party state and the targetCS being in the 1_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_S1P_1P_null
Test description	L1!MergeCallSegments(1,2)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_MECS_BV_05



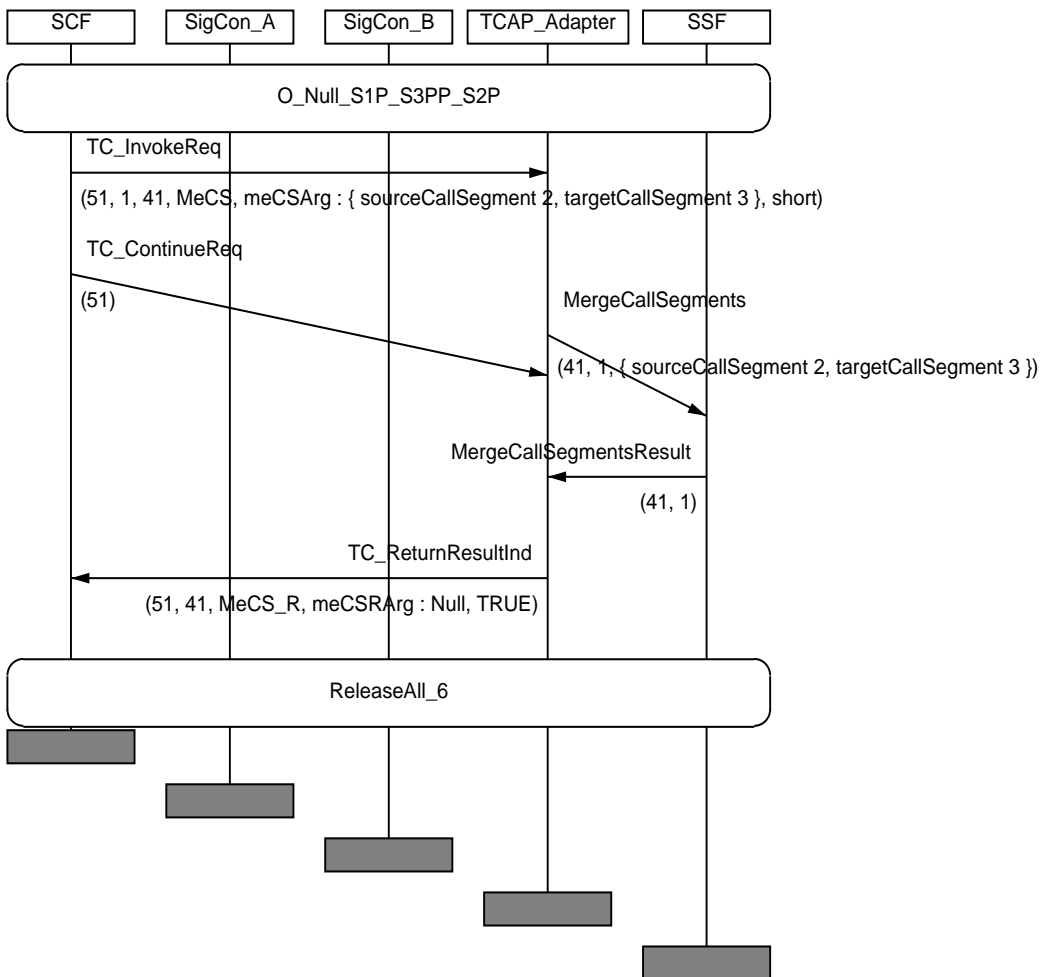
IN3_A_CPH_MECS_BV_06	
Work item no.:	ITEM_CPH_178
IN2 Ref(tmp)	IN2_A_CPH_MC_BV_01
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_1_Party state and the targetCS being in the Stable_2_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MergeCallSegments(1,2)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MECS_BV_06



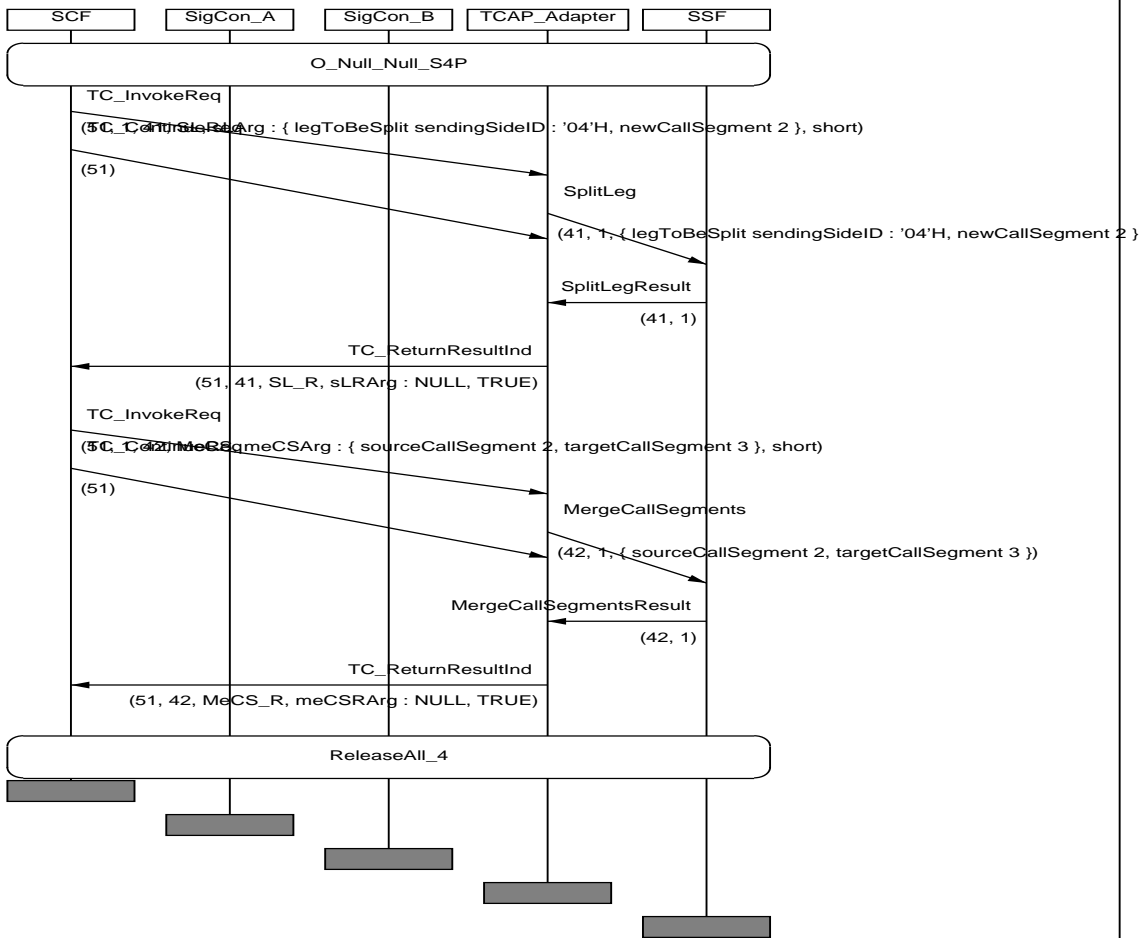
IN3_A_CPH_MECS_BV_07	
Work item no.:	ITEM_CPH_179
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_1_Party state and the targetCS being in the Stable_Multi_Passive_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MergeCallSegments(2,3)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_07



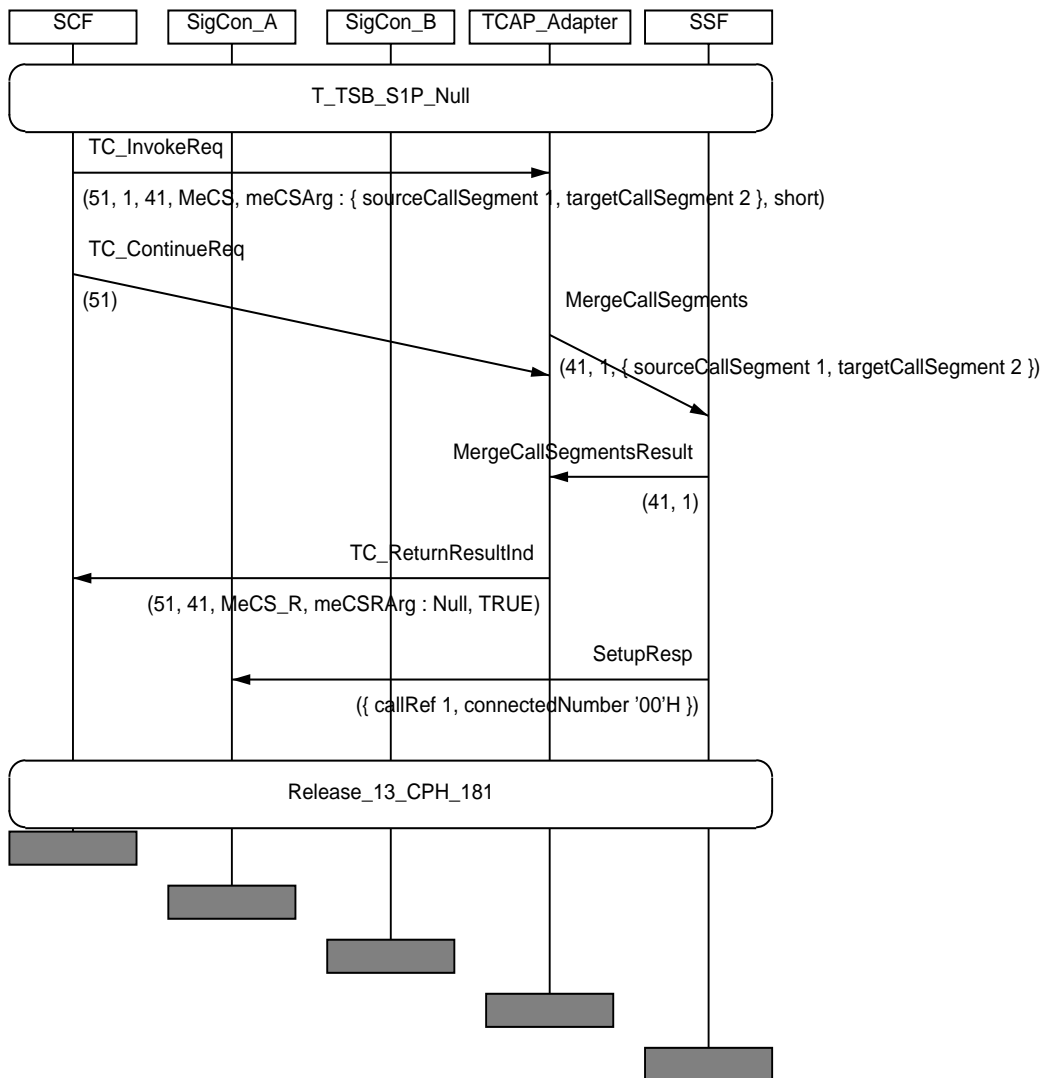
IN3_A_CPH_MECS_BV_08	
Work item no.:	ITEM_CPH_180
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_1_Party state and the targetCS being in the Stable_Multi_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_null_S4P
Test description	L1!SplitLeg(4,2) L1?SplitLegReturnResult L1!MergeCallSegments(2,3)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_MECS_BV_08



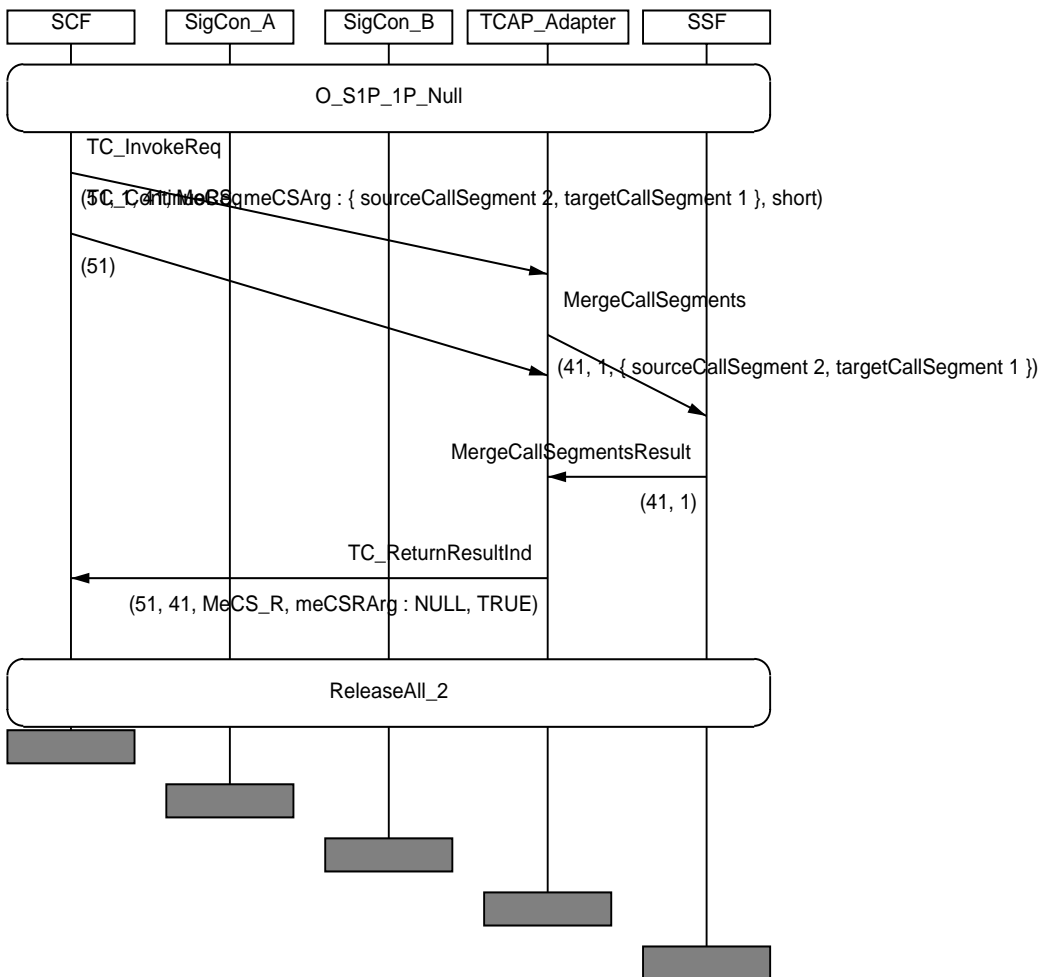
IN3_A_CPH_MECS_BV_09	
Work item no.:	ITEM_CPH_181
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Terminating_Setup state (waiting for instructions in the T_Busy DP) and the targetCS being in the Stable_1_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	T_TSB_S1P_null
Test description	L1!MergeCallSegments(1,2)
Pass criteria	L1?MergeCallSegments ReturnResult CP1_1!SetUpConf
Postamble:	Release_13

MSC IN3_A_CPH_MECS_BV_09



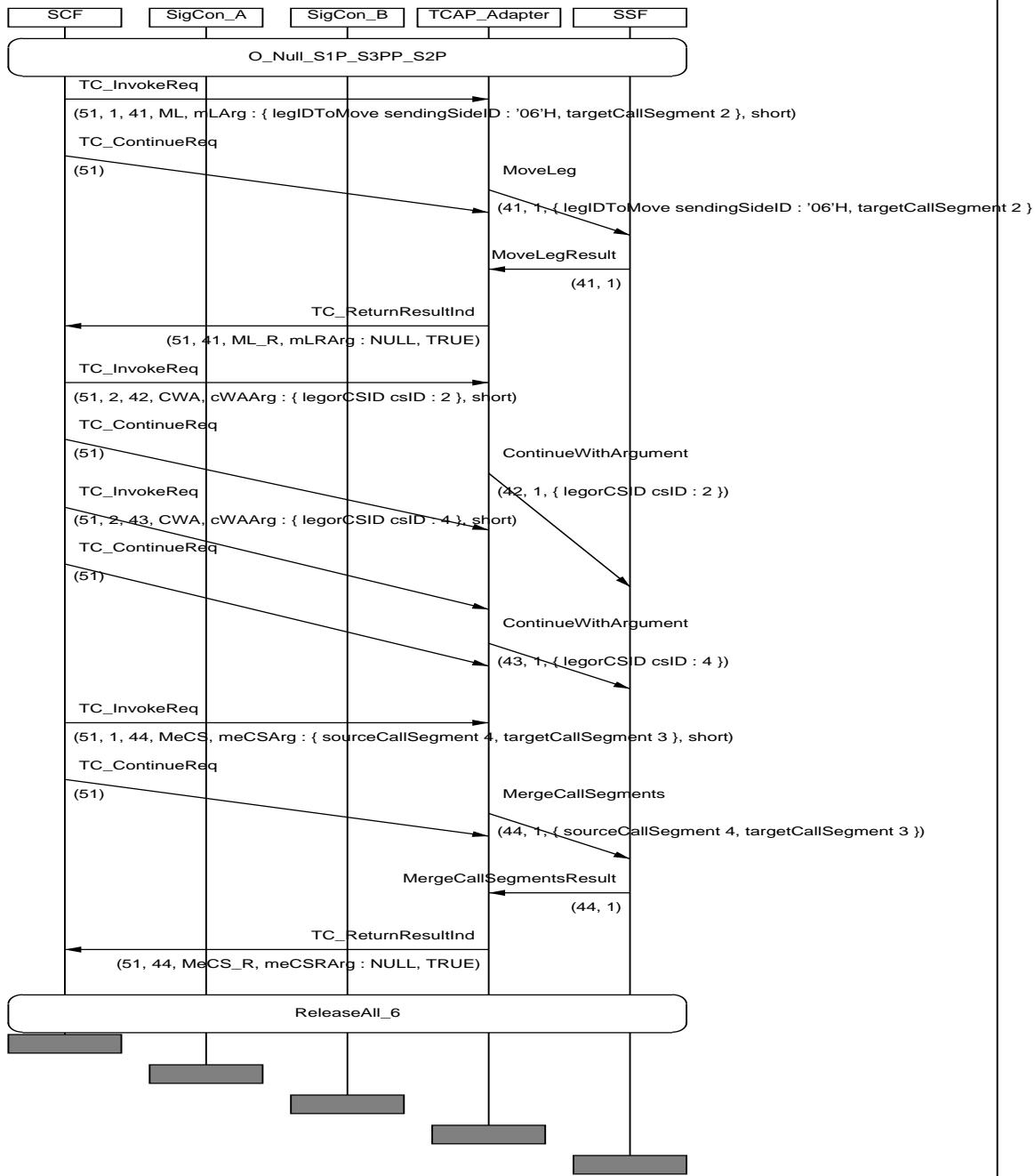
IN3_A_CPH_MECS_BV_11	
Work item no.:	ITEM_CPH_183
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the 1_Party state and the targetCS being in the Stable_1_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_S1P_1P_null
Test description	L1!MergeCallSegments(2,1)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_MECS_BV_11



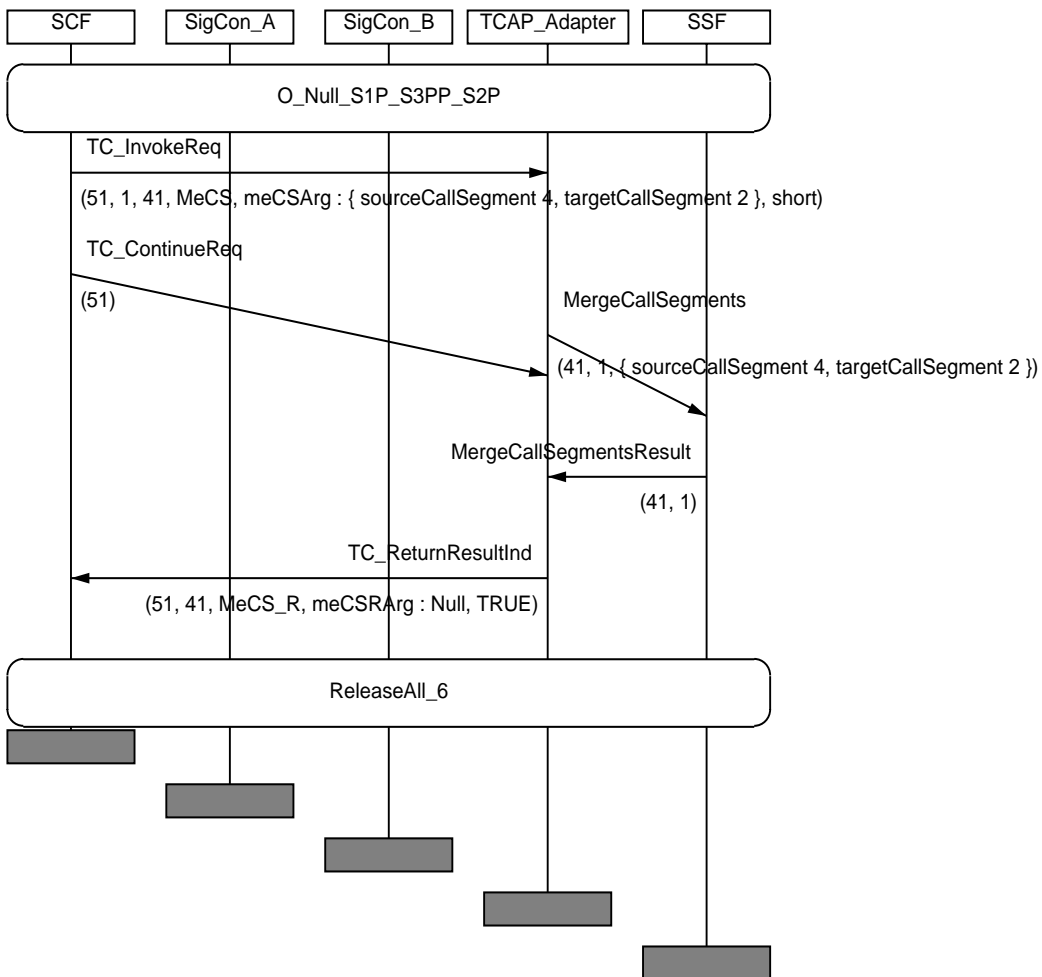
IN3_A_CPH_MECS_BV_12	
Work item no.:	ITEM_CPH_184
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the 1_Party state and the targetCS being in the Stable_Multi_Passive_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MoveLeg(6,2) L1?MoveLeg ReturnResult L1!ContinueWithArgument(csID=4) L1!ContinueWithArgument(csID=2) L1!MergeCallSegments(4,3)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_12



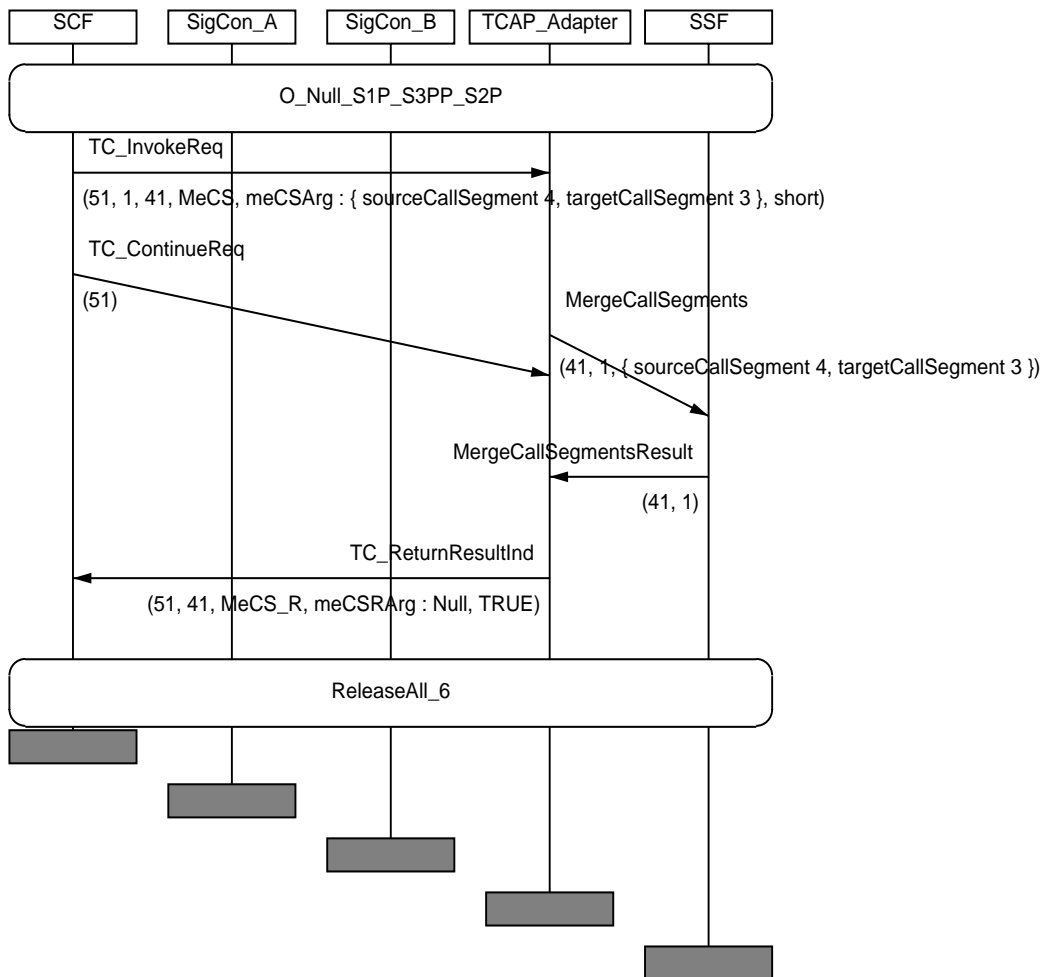
IN3_A_CPH_MECS_BV_13	
Work item no.:	ITEM_CPH_185
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_2_Party state and the targetCS being in the Stable_1_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MergeCallSegments(4,2)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_13



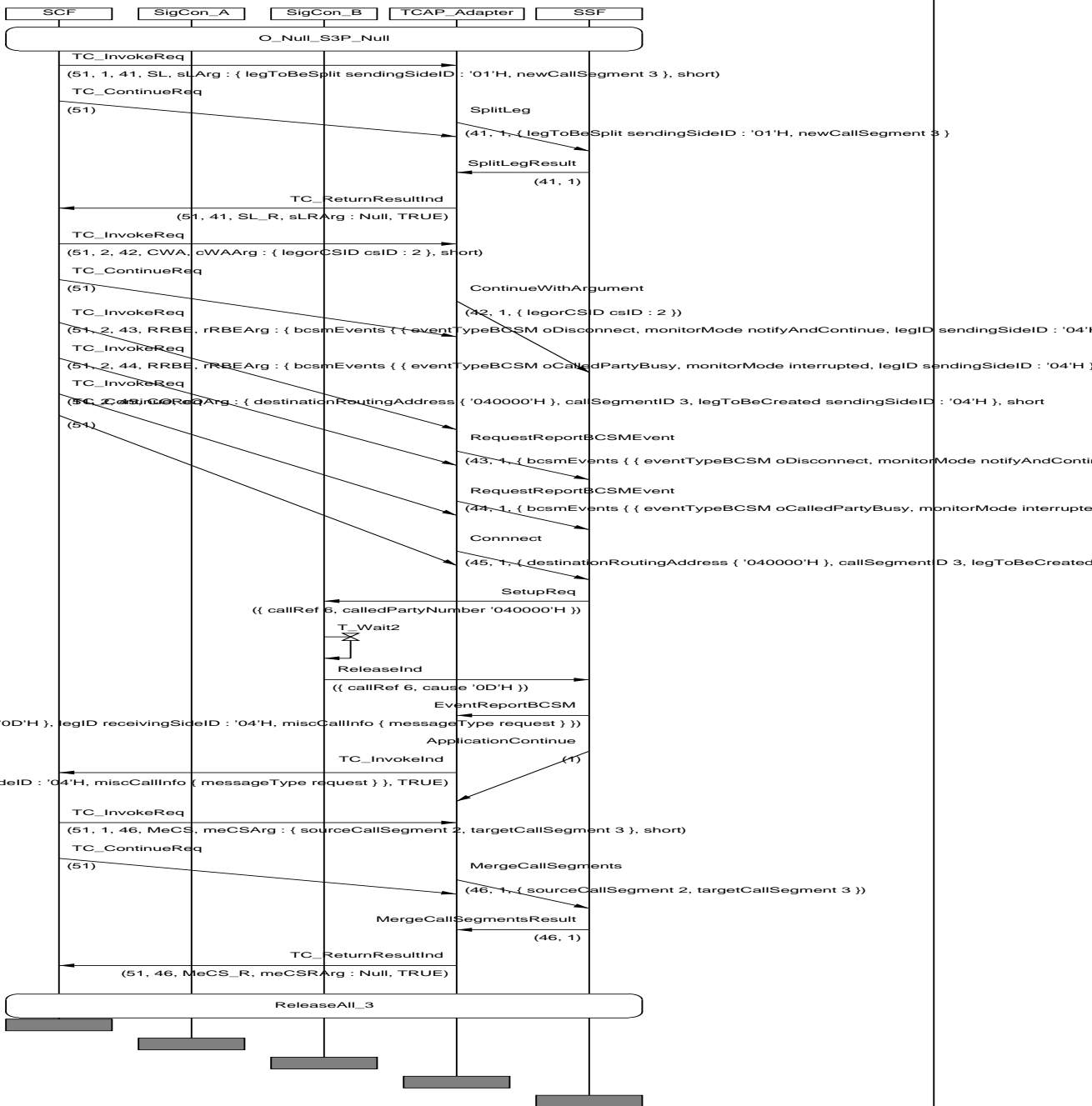
IN3_A_CPH_MECS_BV_14	
Work item no.:	ITEM_CPH_186
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_2_Party state and the targetCS being in the Stable_Multi_Passive_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MergeCallSegments(4,3)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_14



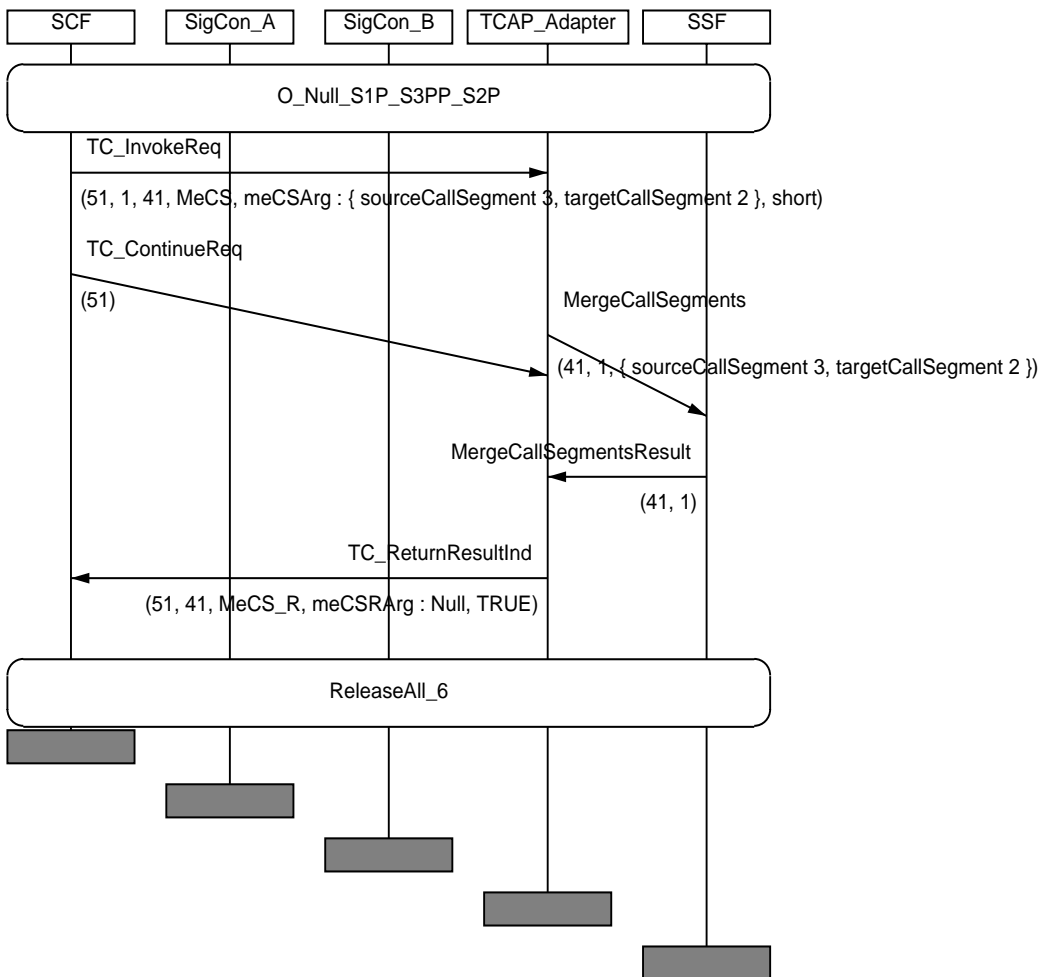
IN3_A_CPH_MECS_BV_15	
Work item no.:	ITEM_CPH_187
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_Multi_Passive_Party state and the targetCS being in the Originating_Setup state (waiting for instructions in the O_Called_Party_Busy DP).
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S3P_null
Test description	L1!SplitLeg(1,3) L1?SplitLegReturnResult L1!ContinueWithArgument (csID = 2) L1!RequestReportBCSMEvent(4,notifyAndContinue,oDisconnect) L1!RequestReportBCSMEvent(4,interrupted,oCalledPartyBusy) L1!Connect(4,3) CP1_4?SetUpReq CP1_4!ReleaseInd(Busy cause) L1?EventReportBCSM(4,oCalledPartyBusy) L1!MergeCallSegments(2,3)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MECS_BV_15



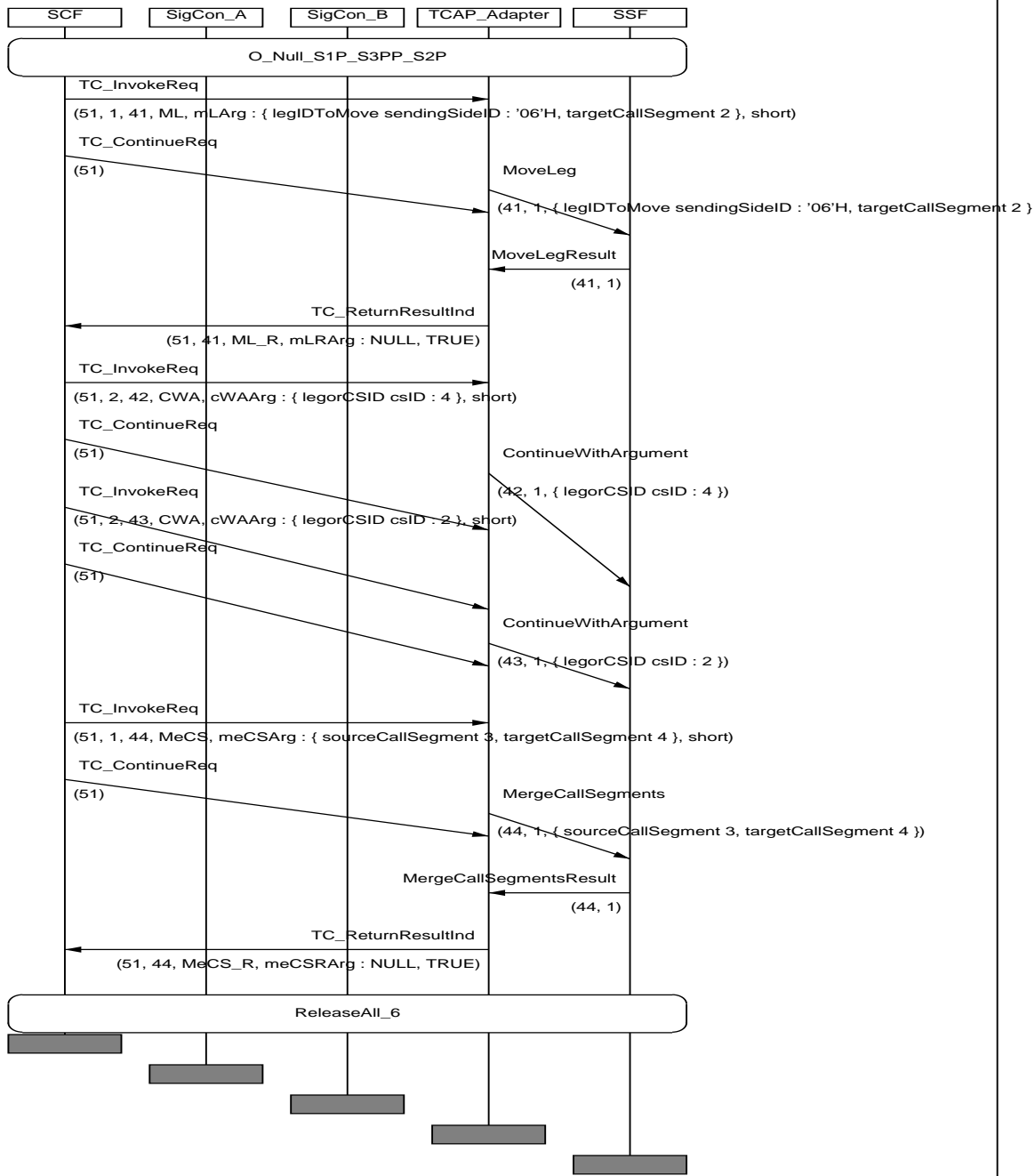
IN3_A_CPH_MECS_BV_16	
Work item no.:	ITEM_CPH_188
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_Multi_Passive_Party state and the targetCS being in the Stable_1_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MergeCallSegments(3,2)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_16



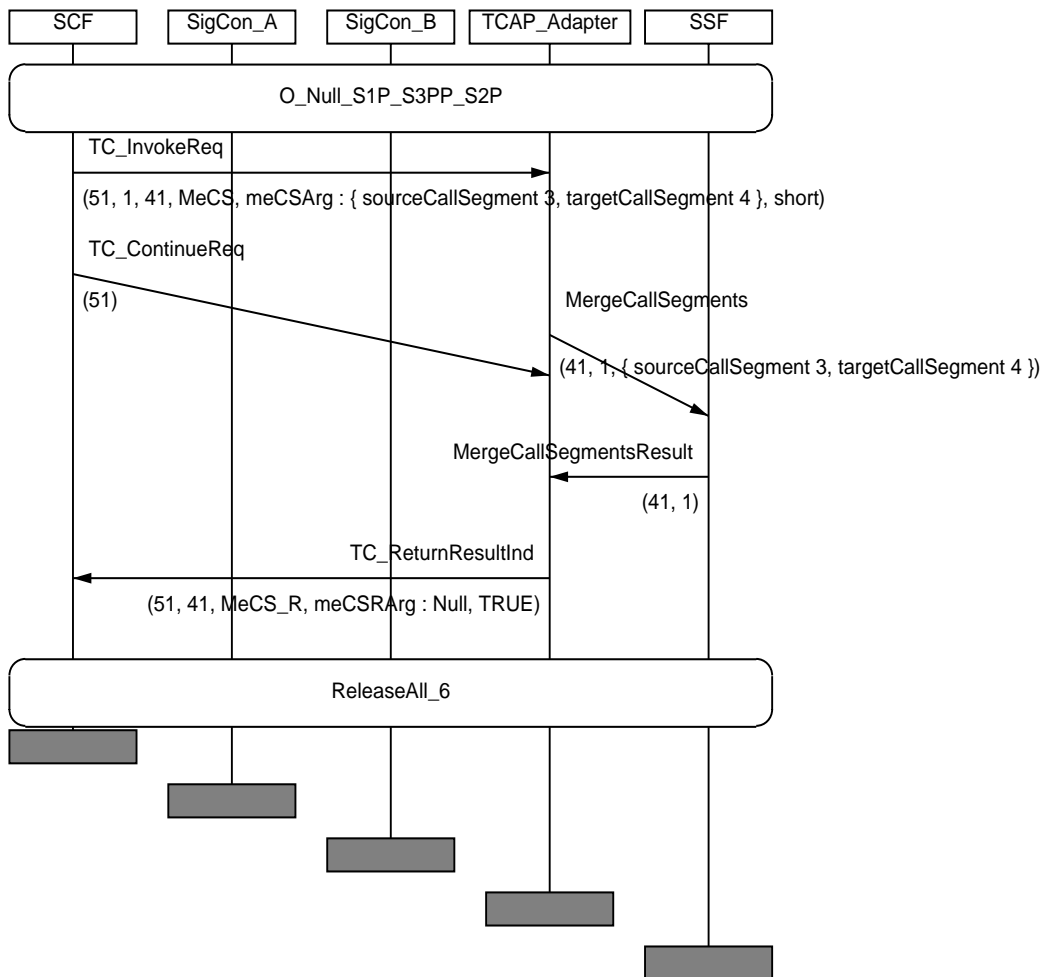
IN3_A_CPH_MECS_BV_17	
Work item no.:	ITEM_CPH_189
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_Multi_Passive_Party state and the targetCS being in the 1_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MoveLeg(6,2) L1?MoveLeg ReturnResult L1!ContinueWithArgument(csID=4) L1!ContinueWithArgument(csID=2) L1!MergeCallSegments(3,4)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_17



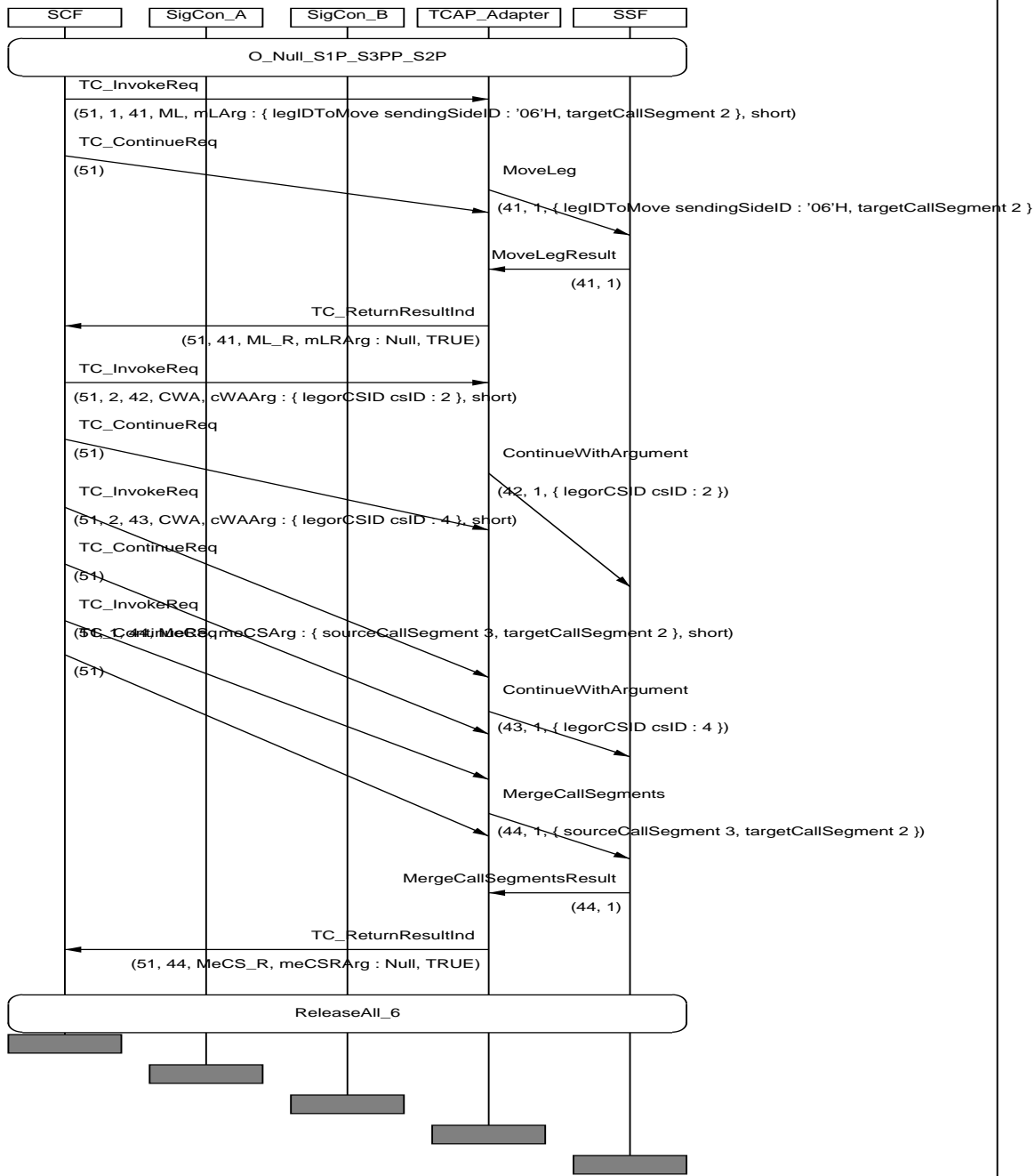
IN3_A_CPH_MECS_BV_18	
Work item no.:	ITEM_CPH_190
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_Multi_Passive_Party state and the targetCS being in the Stable_2_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MergeCallSegments(3,4)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_18



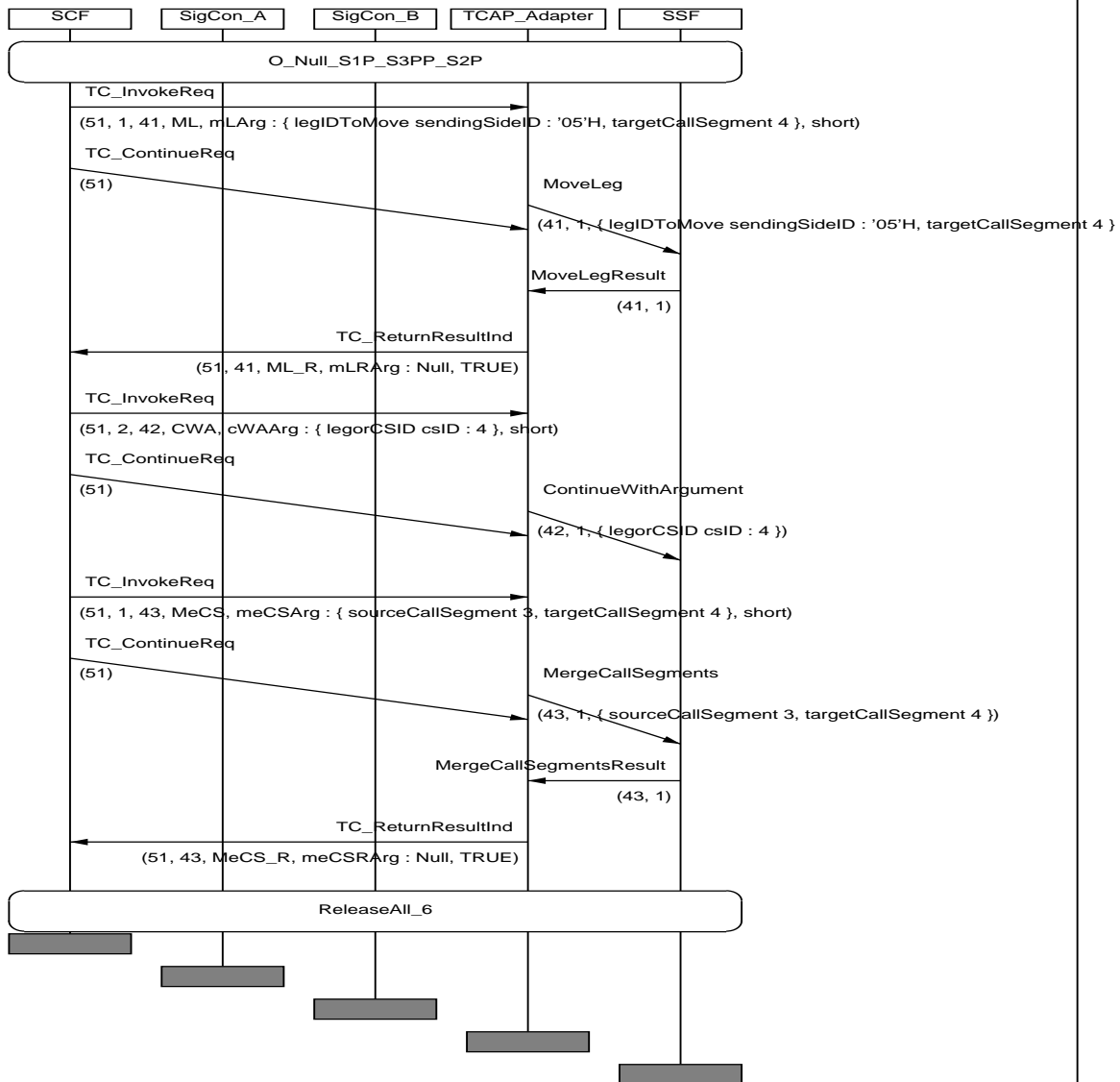
IN3_A_CPH_MECS_BV_19	
Work item no.:	ITEM_CPH_191
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_Multi_Passive_Party state and the targetCS being in the Stable_Multi_Passive_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MoveLeg(6,2) L1?MoveLeg ReturnResult L1!ContinueWithArgument(csID=4) L1!ContinueWithArgument(csID=2) L1!MergeCallSegments(3,2)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_19



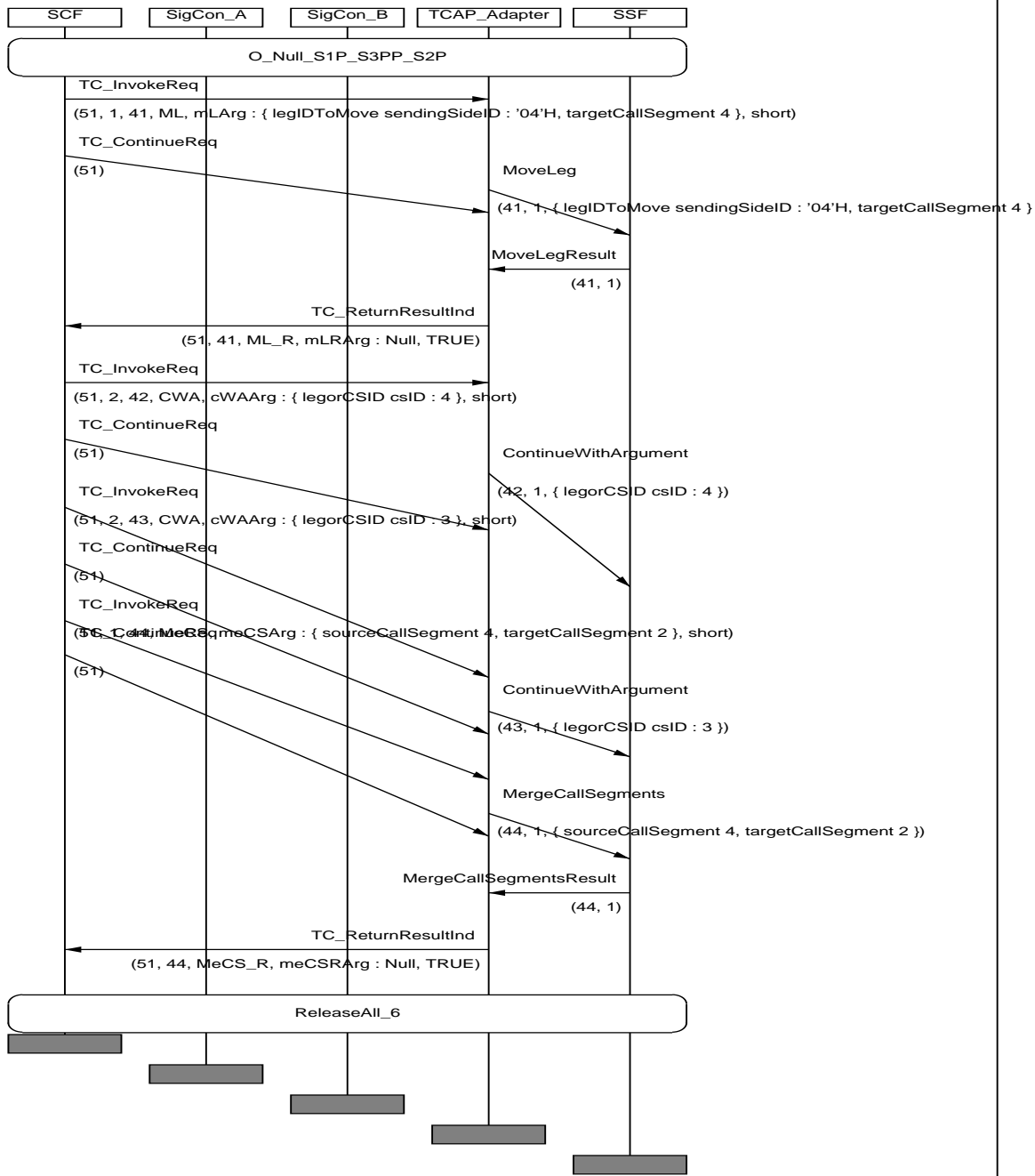
IN3_A_CPH_MECS_BV_20	
Work item no.:	ITEM_CPH_192
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_Multi_Passive_Party state and the targetCS being in the Stable_Multi_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MoveLeg(5,4) L1?MoveLeg ReturnResult L1!ContinueWithArgument(csID=4) L1!MergeCallSegments(3,4)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_20



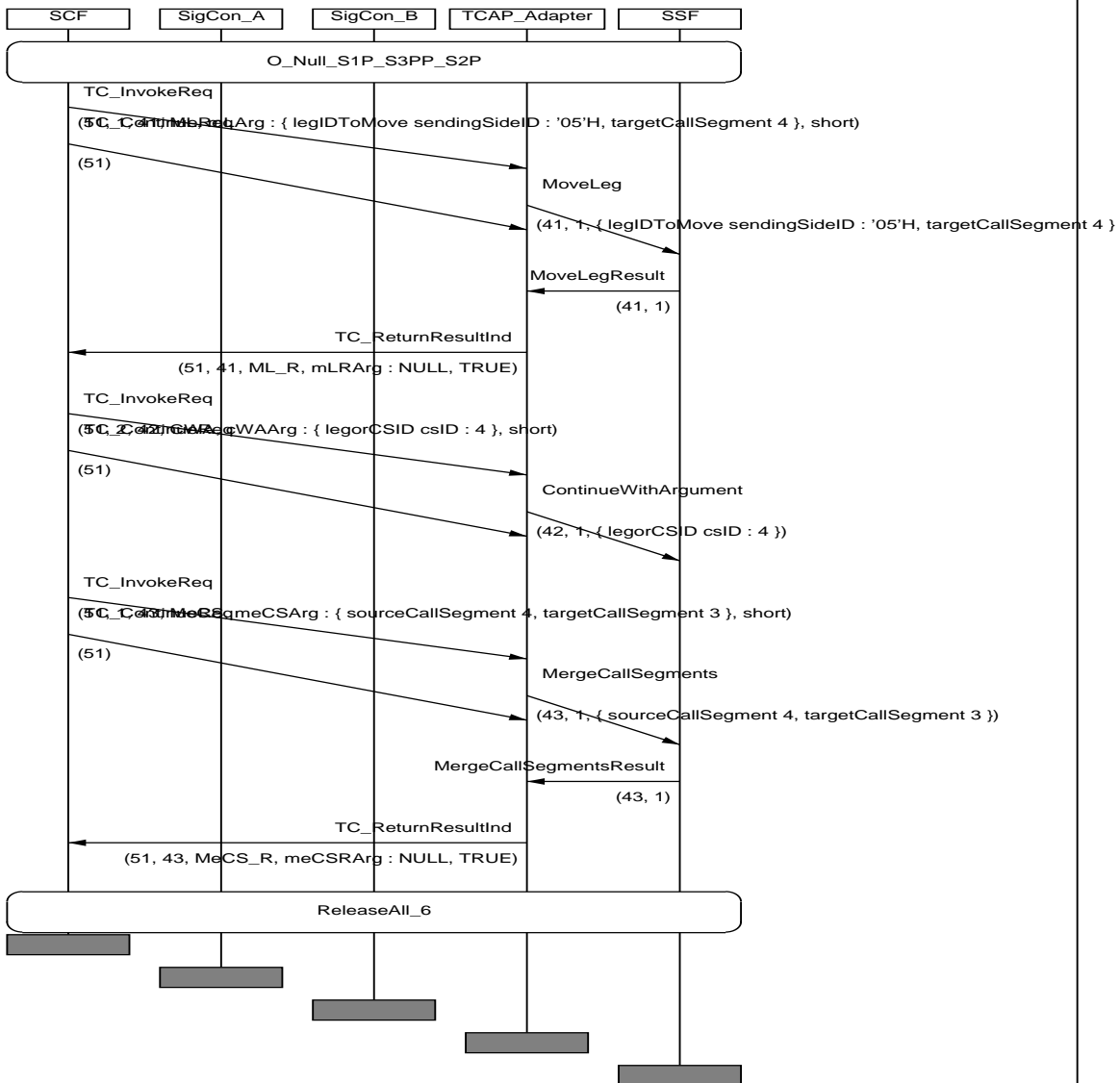
IN3_A_CPH_MECS_BV_21	
Work item no.:	ITEM_CPH_193
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_Multi_Party state and the targetCS being in the Stable_1_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MoveLeg(4,4) L1?MoveLeg ReturnResult L1!ContinueWithArgument(csID=4) L1!ContinueWithArgument(csID=3) L1!MergeCallSegments(4,2)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_21



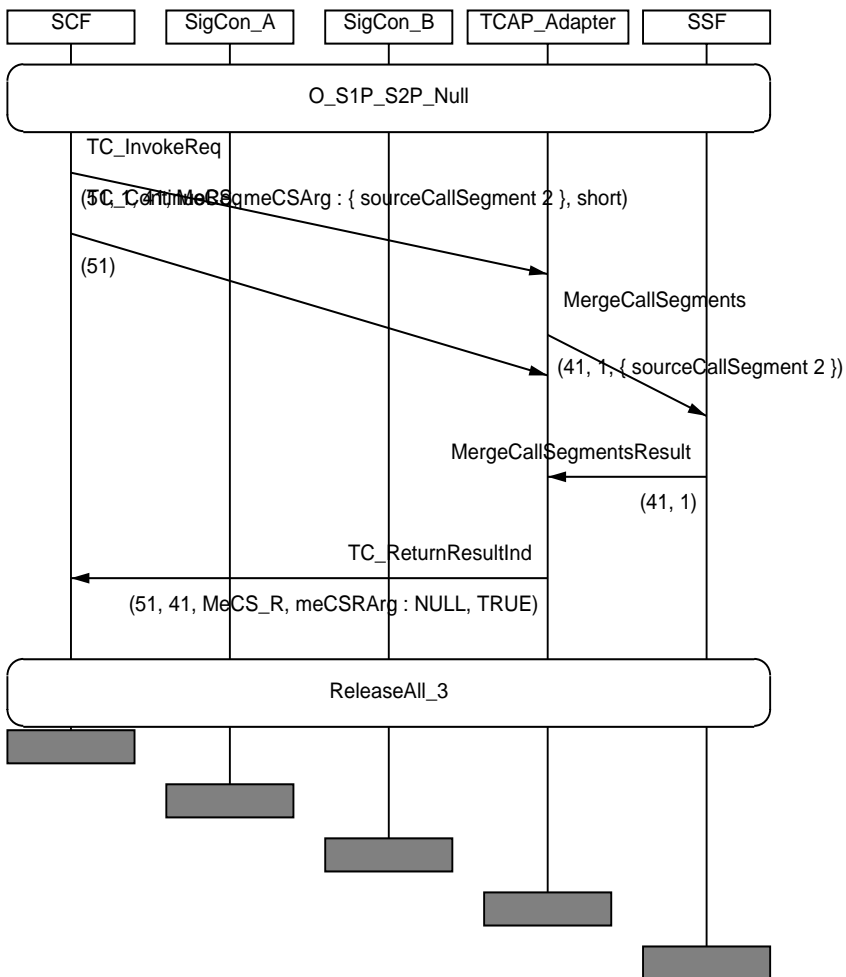
IN3_A_CPH_MECS_BV_22	
Work item no.:	ITEM_CPH_194
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being in the Stable_Multi_Party state and the targetCS being in the Stable_Multi_Passive_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MoveLeg(5,4) L1?MoveLeg ReturnResult L1!ContinueWithArgument(csID=4) L1!MergeCallSegments(4,3)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MECS_BV_22

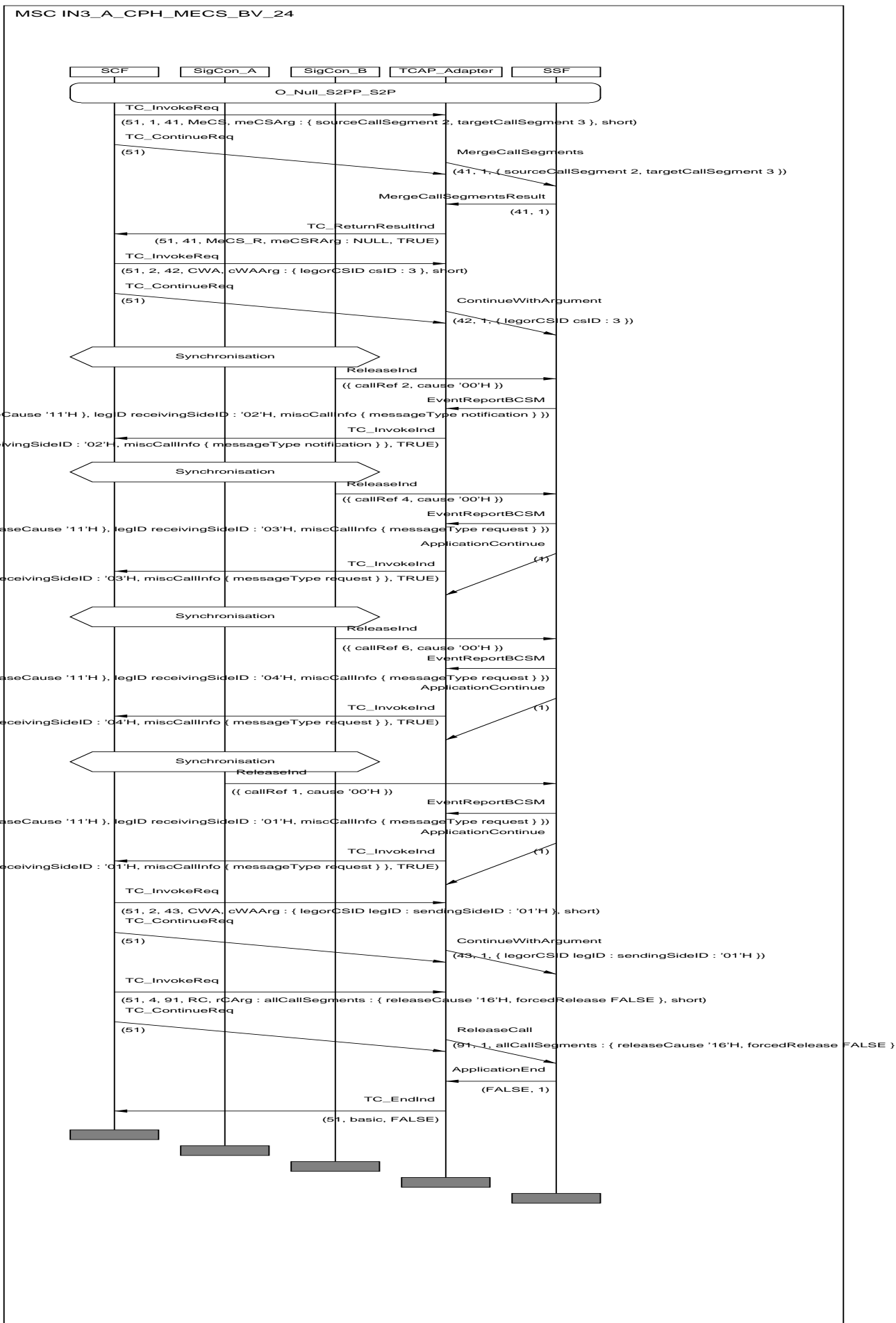


IN3_A_CPH_MECS_BV_23	
Work item no.:	ITEM_CPH_195
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_S2P_null, sends a MergeCallSegments ReturnResult component when having received a MergeCallSegments invoke component with the sourceCS being CS2 (Stable_2_Party state) and the targetCS parameter being not contained in the component (default "InitialCS" applies).
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.1 (table 23)
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MergeCallSegments(2,) (parameter targetCS is not contained in the component)
Pass criteria	L1?MergeCallSegments ReturnResult
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MECS_BV_23

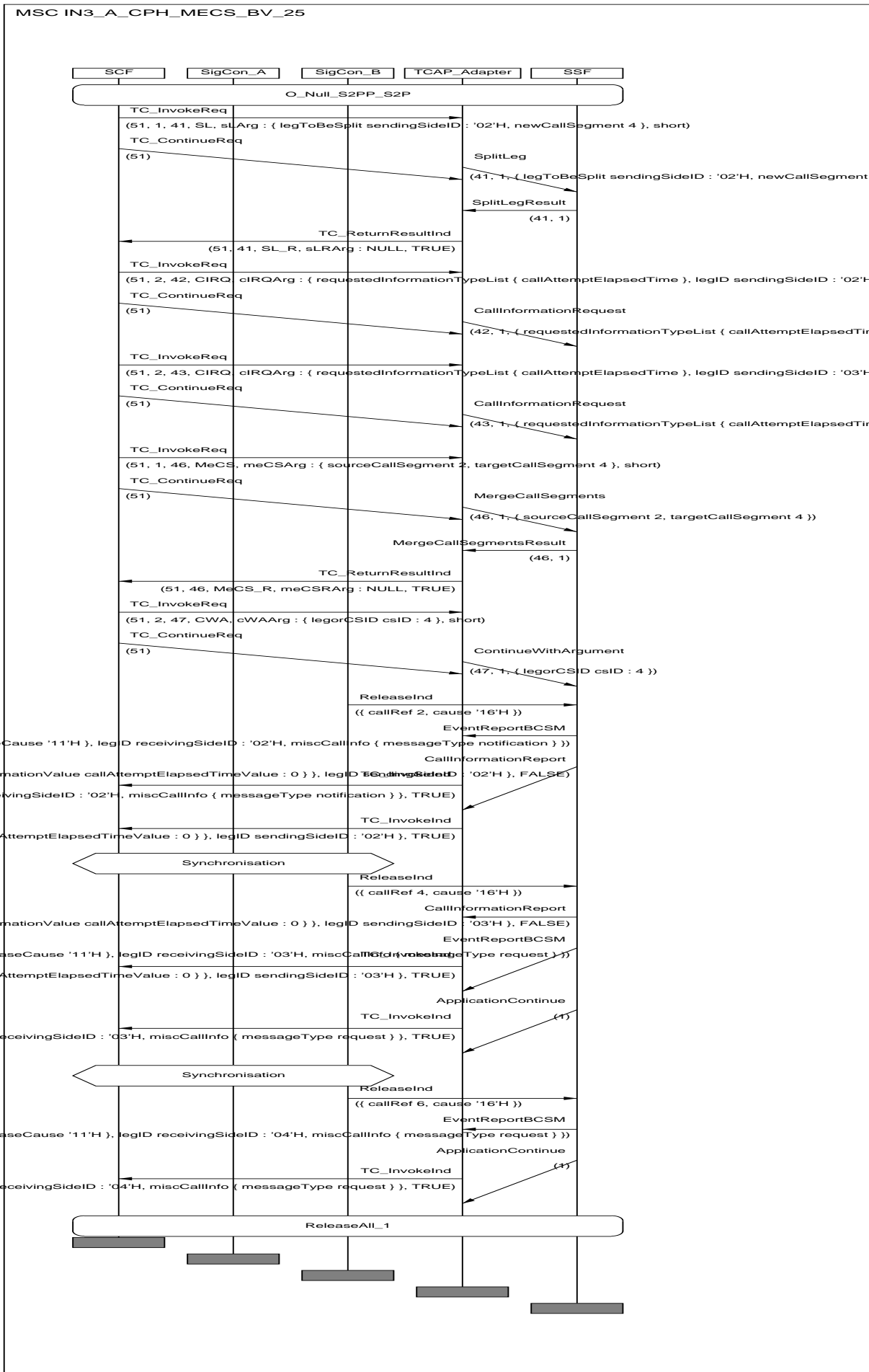


IN3_A_CPH_MECS_BV_24	
Work item no.:	ITEM_CPH_196
IN2 Ref(tmp)	IN2_A_CPH_MC_BV_02
Purpose:	Verify that the SSF keeps the event detection points armed on all legs after performing the MergeCallSegments operation.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.29.1, 11.29.1.1.1, 11.29.3.1
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	L1!MergeCallSegments(2,3) L1?MergeCallSegments ReturnResult L1!ContinueWithArgument(csID=3) CP1_2!ReleaseInd(Normal clearing) L1?EventReportBCSM(2,oDisconnect) CP1_3!ReleaseInd(Normal clearing) L1?EventReportBCSM(3,oDisconnect) CP1_4!ReleaseInd(Normal clearing) L1?EventReportBCSM(4,oDisconnect) CP1_1!ReleaseInd(Normal clearing) L1?EventReportBCSM(1,oDisconnect) L1!ContinueWithArgument(legID=1) L1!ReleaseCall(allCallSegments)
Pass criteria	The 4 ERBs received (the corresponding RRBs have been requested in the preamble)
Postamble:	None



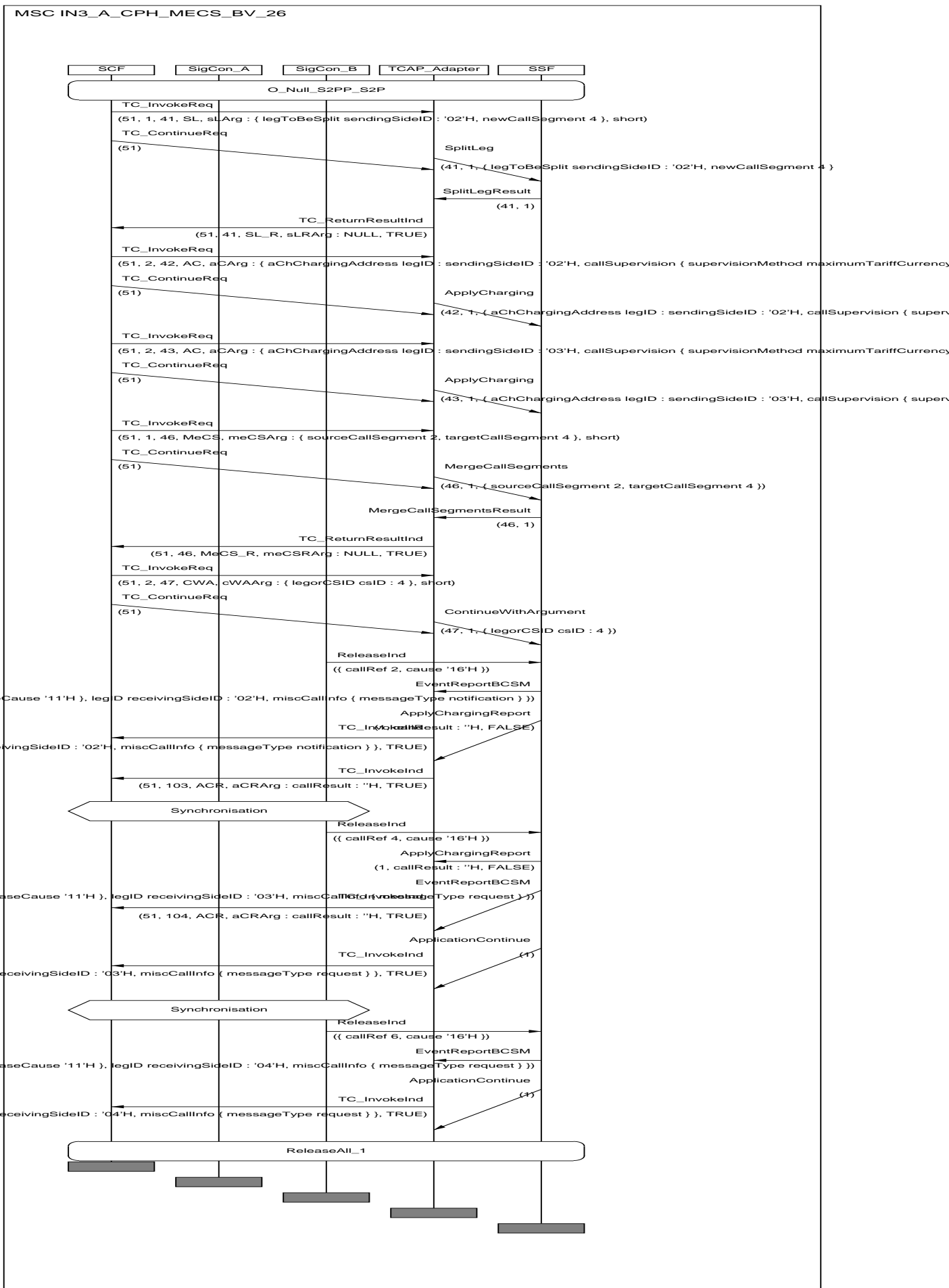
IN3_A_CPH_MECS_BV_25	
Work item no.:	ITEM_CPH_197
IN2 Ref(tmp)	IN2_A_CPH_MC_BV_02
Purpose:	Verify that the SSF keeps all outstanding CallInformationReports requested for the sourceCS and the targetCS, when the sourceCS is merged into the targetCS.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.29.1, 11.29.1.1.1, 11.29.3.1
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	L1!SplitLeg(2,4) L1?SplitLegReturnResult L1!CallInformationRequest(2) L1!CallInformationRequest(3) L1!MergeCallSegments(2,4) L1?MergeCallSegments ReturnResult L1!ContinueWithArgument(csID=4) CP1_2!ReleaseInd(Normal clearing) L1?EventReportBCSM(2,oDisconnect) L1?CallInformationReport(2) CP1_3!ReleaseInd(Normal clearing) L1?EventReportBCSM(3,oDisconnect) L1?CallInformationReport(3) CP1_4!ReleaseInd(Normal clearing) L1?EventReportBCSM(4,oDisconnect)
Pass criteria	The 3 pairs of ERB and CIRP received. The pairs of RRB and CIRP must appear in the indicated order.
Postamble:	ReleaseAll_1

MSC IN3_A_CPH_MECS_BV_25



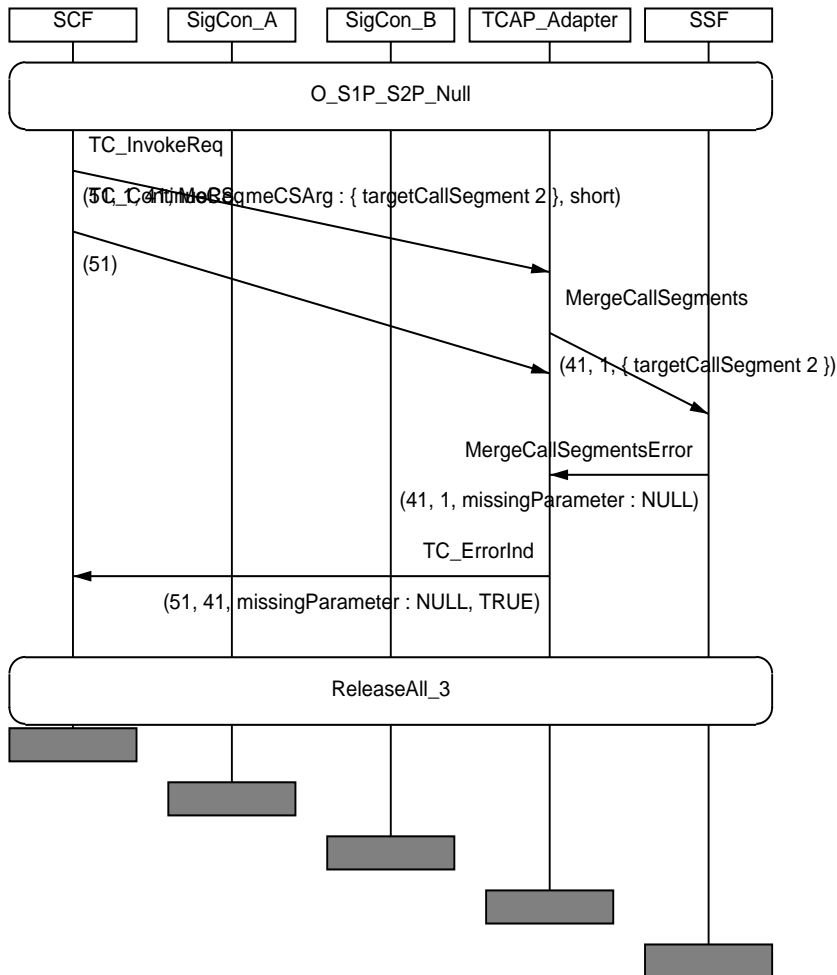
IN3_A_CPH_MECS_BV_26	
Work item no.:	ITEM_CPH_206
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF keeps all outstanding ApplyCharging Reports requested for the sourceCS and the targetCS, when the sourceCS is merged into the targetCS.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.29.1, 11.29.1.1.1, 11.29.3.1
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	L1!SplitLeg(2,4) L1?SplitLegReturnResult L1!ApplyChargingRequest(2) L1!ApplyChargingRequest(3) L1!MergeCallSegments(2,4) L1?MergeCallSegments ReturnResult L1!ContinueWithArgument(csID=4) CP1_2!ReleaseInd(Normal clearing) L1?EventReportBCSM(2,oDisconnect) L1!ApplyChargingReport(2) CP1_3!ReleaseInd(Normal clearing) L1?EventReportBCSM(3,oDisconnect) L1!ApplyChargingReport(3) CP1_4!ReleaseInd(Normal clearing) L1?EventReportBCSM(4,oDisconnect)
Pass criteria	The 4 pairs of ERB and ACRP received For each leg the RRB and ACRP may appear in any order.
Postamble:	ReleaseAll_1

MSC IN3_A_CPH_MECS_BV_26



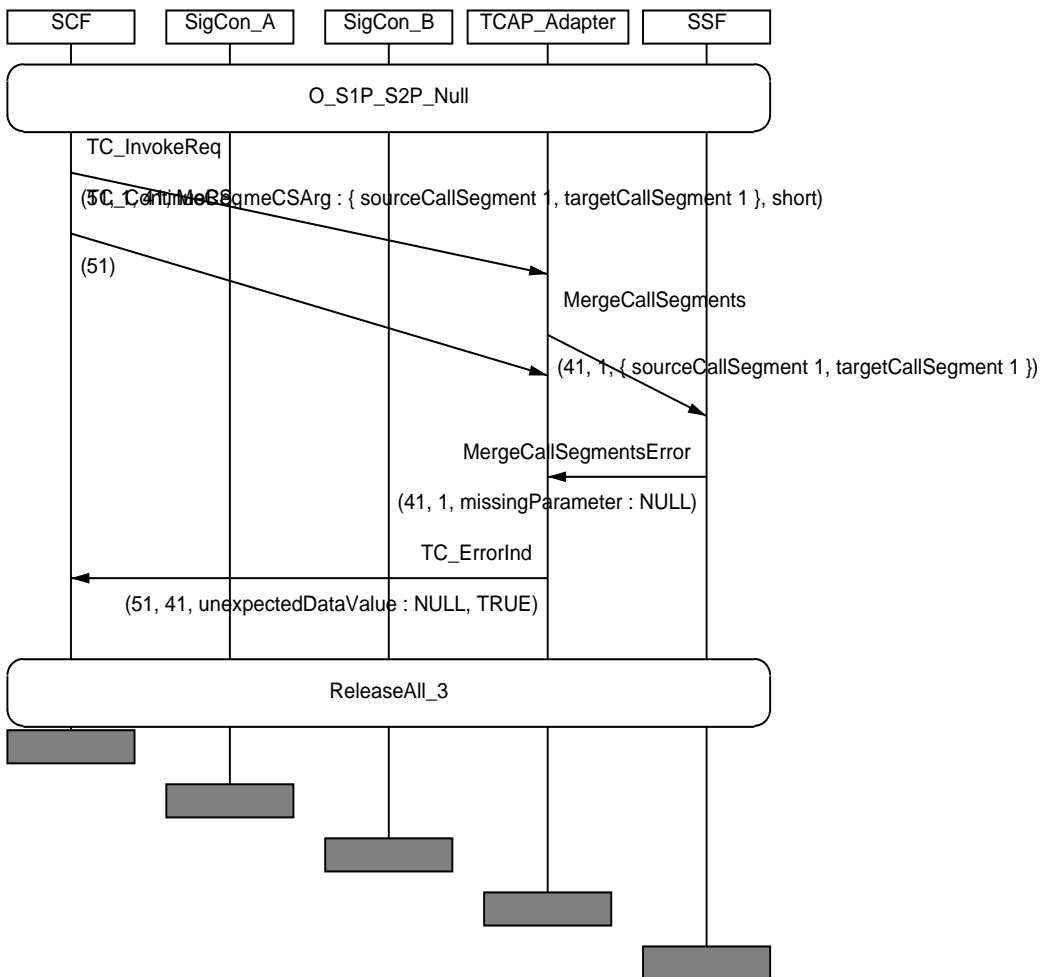
IN3_A_CPH_MECS_BI_01	
Work item no.:	ITEM_CPH_201
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnError component (missingParameter) when having received a MergeCallSegments invoke component and the sourceCS parameter is not contained in the invoke component.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MergeCallSegments(,2) (the sourceCS parameter is not contained in the invoke component)
Pass criteria	MergeCallSegments ReturnError(missingParameter)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MECS_BI_01



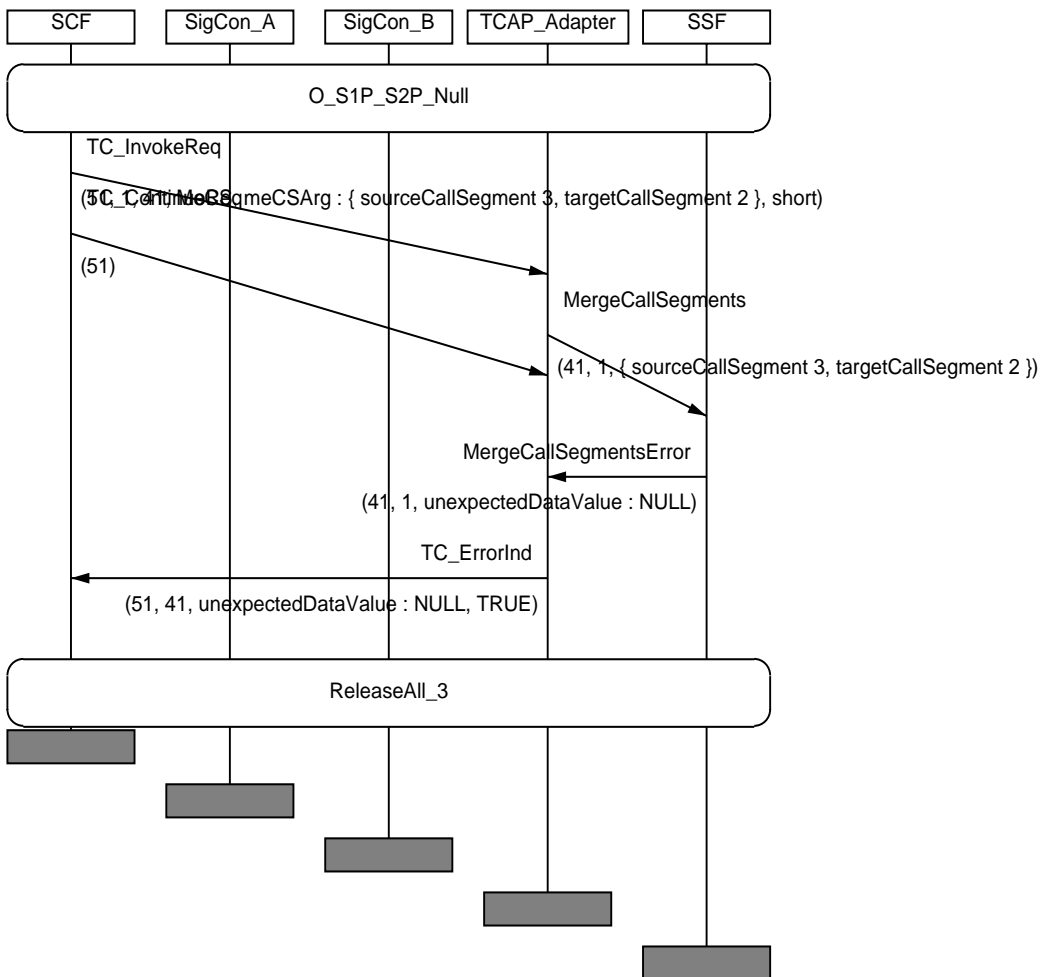
IN3_A_CPH_MECS_BI_02	
Work item no.:	ITEM_CPH_202
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnError component (unexpectedDataValue) when having received a MergeCallSegments invoke component and the sourceCS parameter has the same value as the targetCS parameter.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MergeCallSegments(1,1)
Pass criteria	MergeCallSegments ReturnError(unexpectedDataValue)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MECS_BI_02



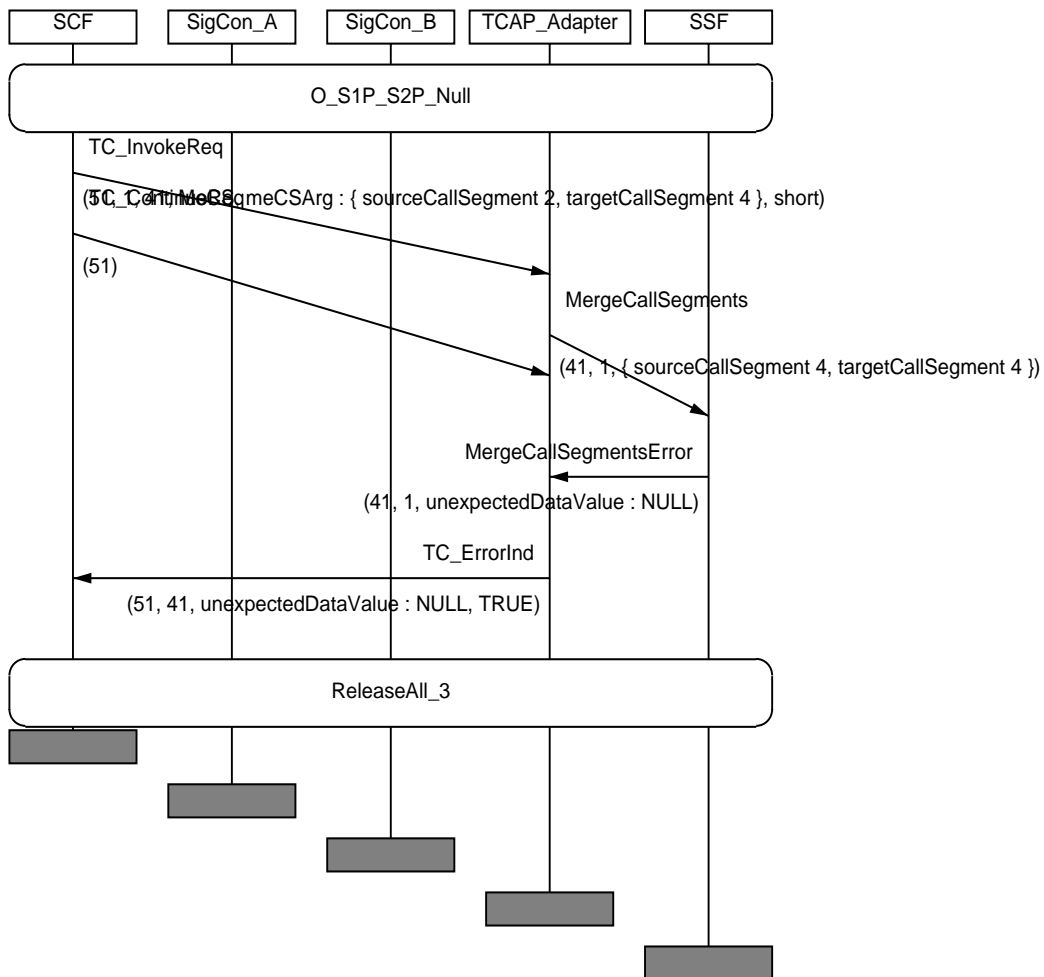
IN3_A_CPH_MECS_BI_03	
Work item no.:	ITEM_CPH_203
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnError component (unexpectedDataValue) when having received a MergeCallSegments invoke component and the sourceCS parameter has a value not belonging to an existing CS.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MergeCallSegments(3,2)
Pass criteria	MergeCallSegments ReturnError(unexpectedDataValue)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MECS_BI_03



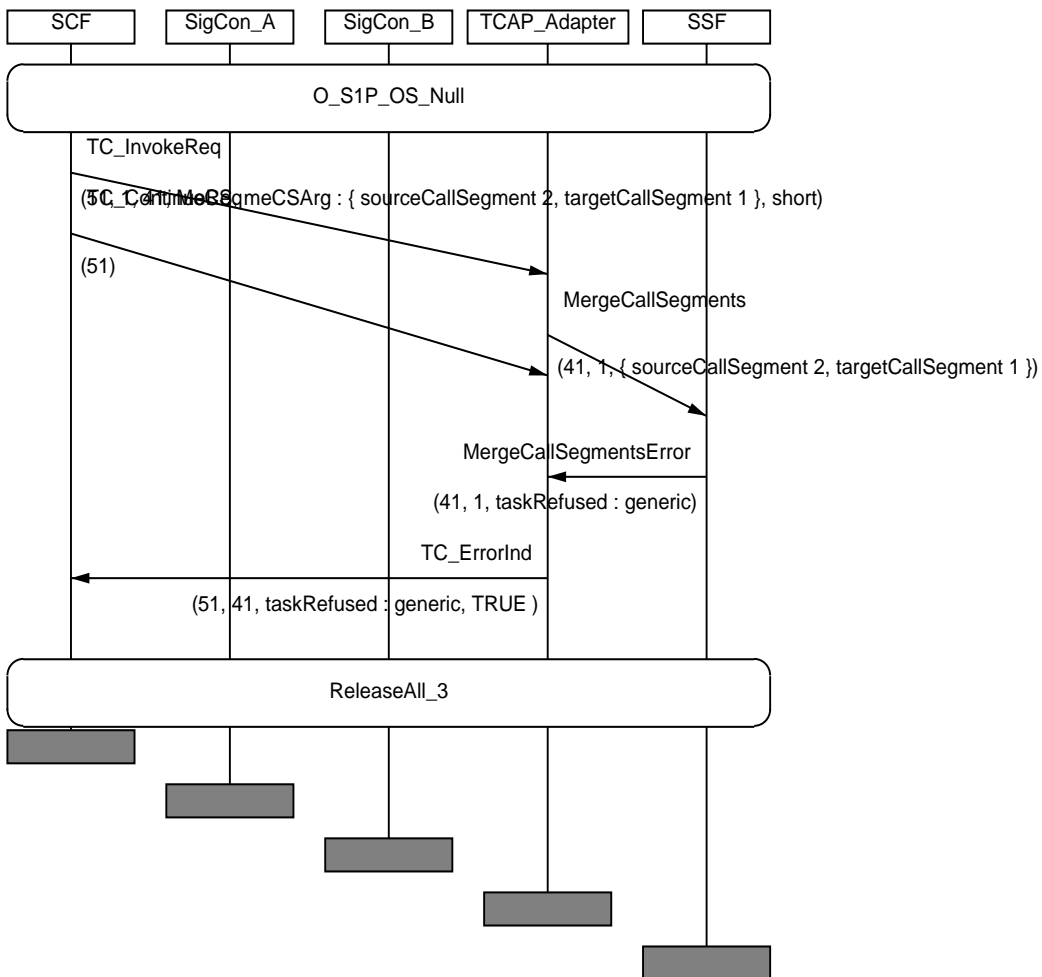
IN3_A_CPH_MECS_BI_04	
Work item no.:	ITEM_CPH_204
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnError component (unexpectedDataValue) when having received a MergeCallSegments invoke component and the targetCS parameter has a value not belonging to an existing CS.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MergeCallSegments(2,4)
Pass criteria	MergeCallSegments ReturnError(unexpectedDataValue)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MECS_BI_04



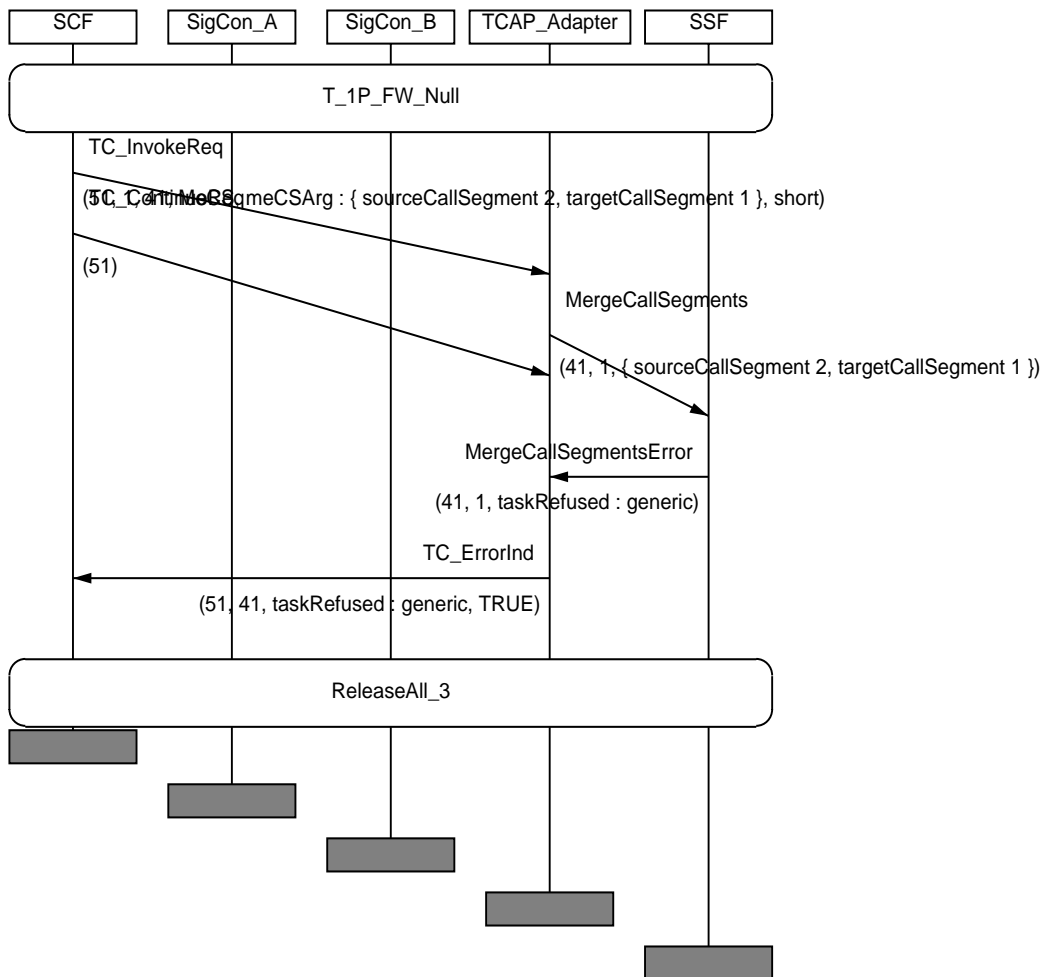
IN3_A_CPH_MECS_BO_01	
Work item no.:	ITEM_CPH_198
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnError component (taskRefused) when having received a MergeCallSegments invoke component with the sourceCS being in the Originating_Setup state without call processing being suspended at one of the state-compatible DPs, and the targetCS is in the Stable_1_Party state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_OS_null
Test description	L1!MergeCallSegments(2,1)
Pass criteria	MergeCallSegments ReturnError(taskRefused)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MECS_BO_01



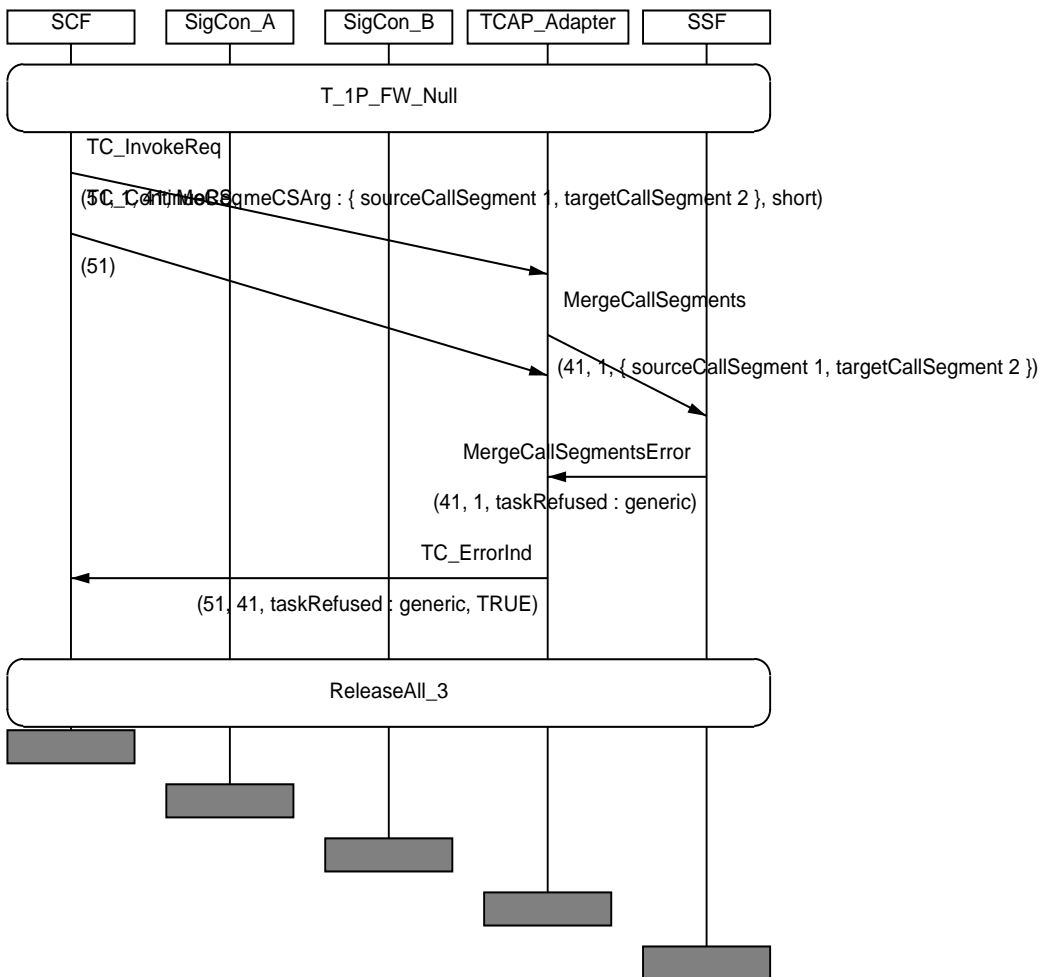
IN3_A_CPH_MECS_BO_02	
Work item no.:	ITEM_CPH_199
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnError component (taskRefused) when having received a MergeCallSegments invoke component with the sourceCS being in the Forward state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_1P_FW_null
Test description	L1!MergeCallSegments(2,1)
Pass criteria	MergeCallSegments ReturnError(taskRefused)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MECS_BO_02



IN3_A_CPH_MECS_BO_03	
Work item no.:	ITEM_CPH_200
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MergeCallSegments ReturnError component (taskRefused) when having received a MergeCallSegments invoke component with the targetCS being in the Forward state.
Requirements refs	11.29.1, 11.29.1.1.1, 11.29.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_1P_FW_null
Test description	L1!MergeCallSegments(1,2)
Pass criteria	MergeCallSegments ReturnError(taskRefused)
Postamble:	ReleaseAll_3

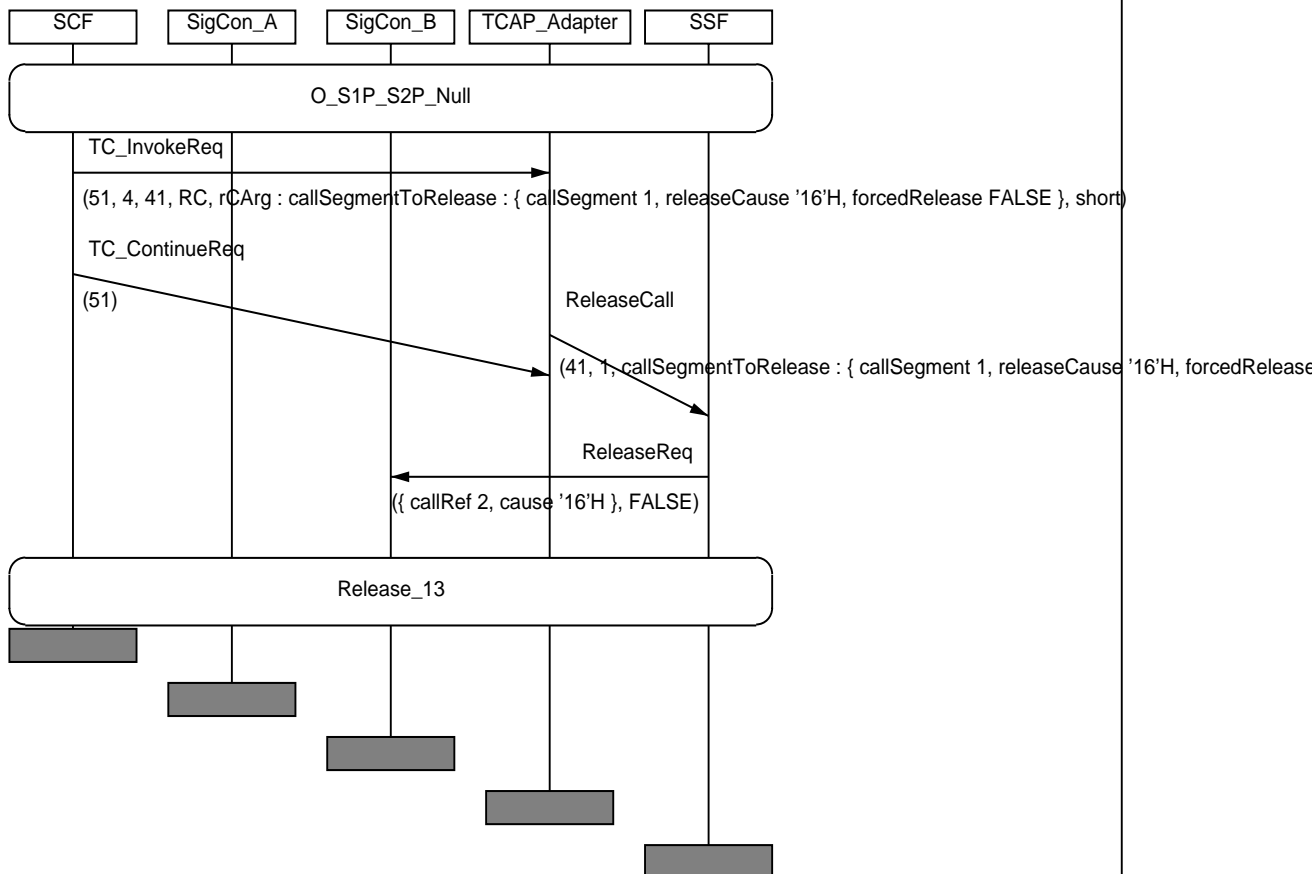
MSC IN3_A_CPH_MECS_BO_03



8.5 ReleaseCall (RC) procedure (CPH complement to basic procedure)

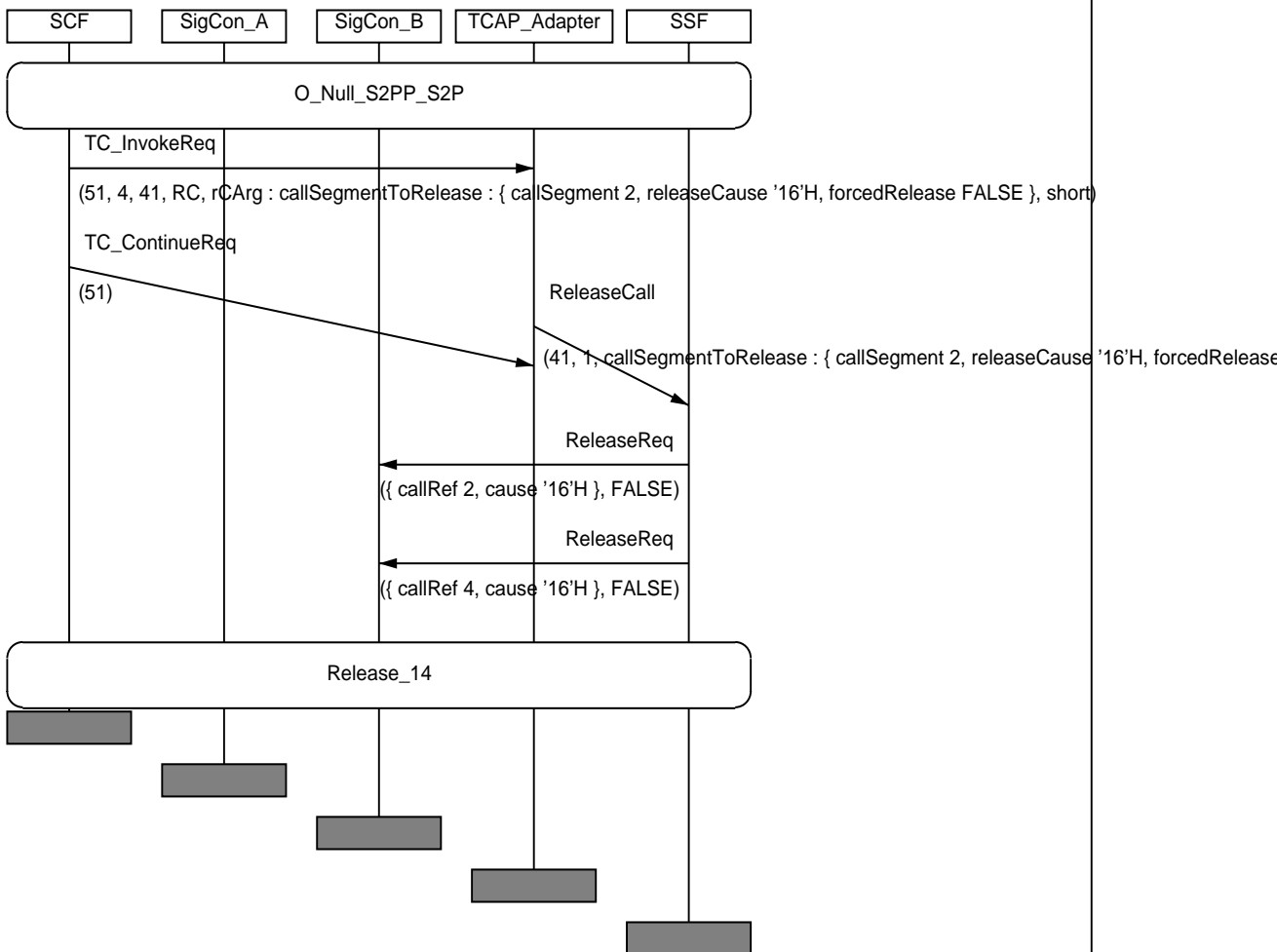
IN3_A_CPH_RC_BV_01	
Work item no.:	ITEM_CPH_7
IN2 Ref(tmp)	IN2_A_CPH_RC_BV_01
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_S2P_null sends to SigConB a ReleaseReq, when having received from the SCF a ReleaseCall invoke component with parameters callSegmentToRelease(csID=1), cause = (normal, unspecified).
Requirements refs	6.5.1.2.3/3.3, 8.2, 8.2.1, 8.2.1.2, 8.2.2, 8.2.2.2, 8.2.2.5, 8.3.2, 8.4.2, 11.32.1, 11.32.1.1.1, 11.32.3.1
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	SCF sends ReleaseCall invoke to SSF with the following parameters: <ul style="list-style-type: none"> - callSegmentToRelease(csID=1) - cause=normal unspecified
Pass criteria	Check that SSF sends to SigConB a ReleaseReq (as csID=1 contains leg=2)
Postamble:	Release_13

MSC IN3_A_CPH_RC_BV_01



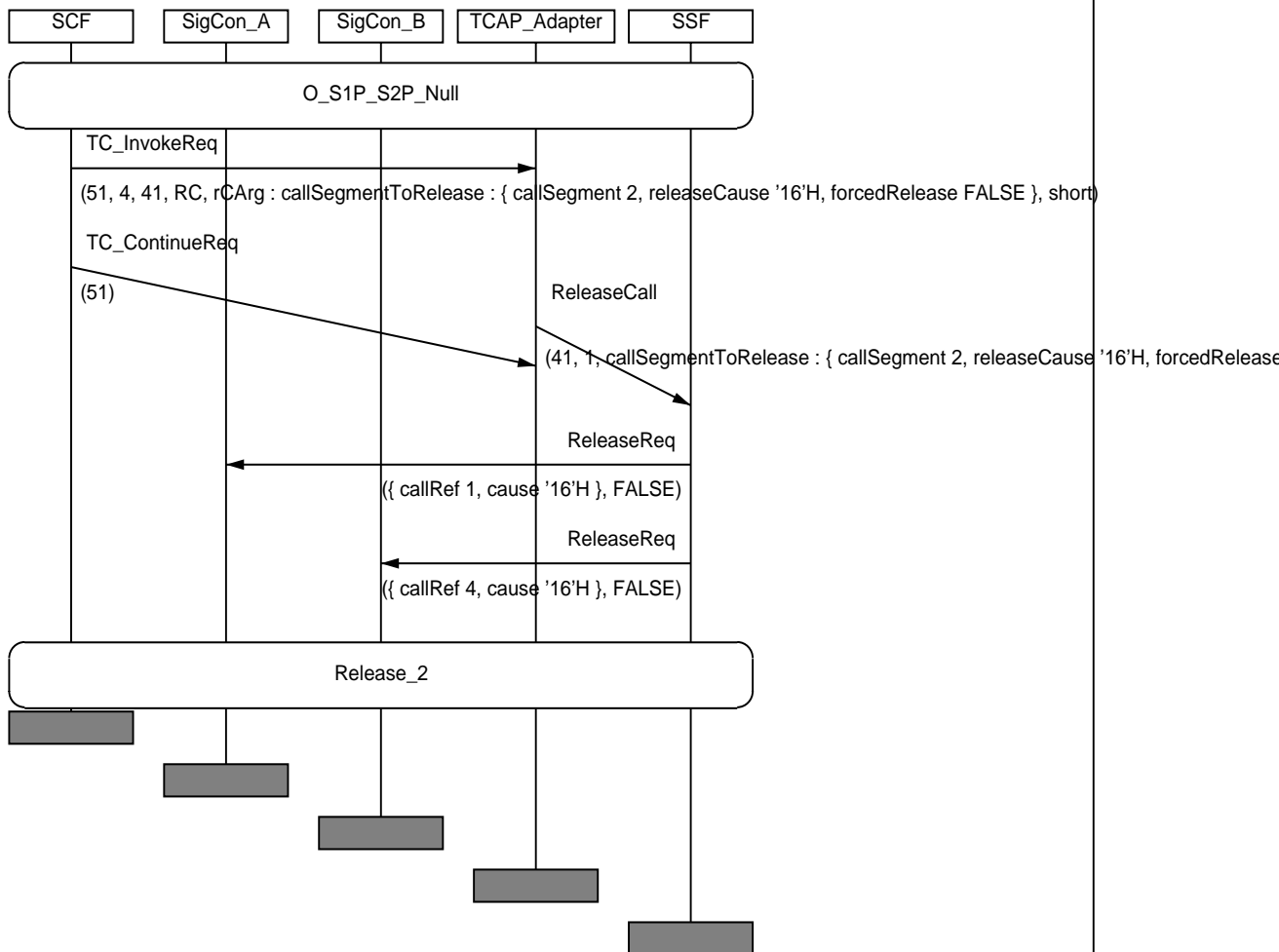
IN3_A_CPH_RC_BV_02	
Work item no.:	ITEM_CPH_8
IN2 Ref(tmp)	IN2_A_CPH_RC_BV_02
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S2PP_S2P sends to SigConB and SigConC a ReleaseReq, when having received from the SCF a ReleaseCall invoke component with parameters cause="normal, unspecified" and csID=2.
Requirements refs	6.5.1.2.3/3.3, 8.2, 8.2.1, 8.2.1.2, 8.2.2, 8.2.2.2, 8.2.2.5, 8.3.2, 8.4.2, 11.32.1, 11.32.1.1.1, 11.32.3.1
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	SCF sends ReleaseCall invoke to SSF with the following parameters: <ul style="list-style-type: none"> - callSegmentToRelease(csID=2) - cause=normal unspecified
Pass criteria	CP1_2?ReleaseReq(Normal clearing) CP1_3?ReleaseReq(Normal clearing)
Postamble:	Release_14

MSC IN3_A_CPH_RC_BV_02



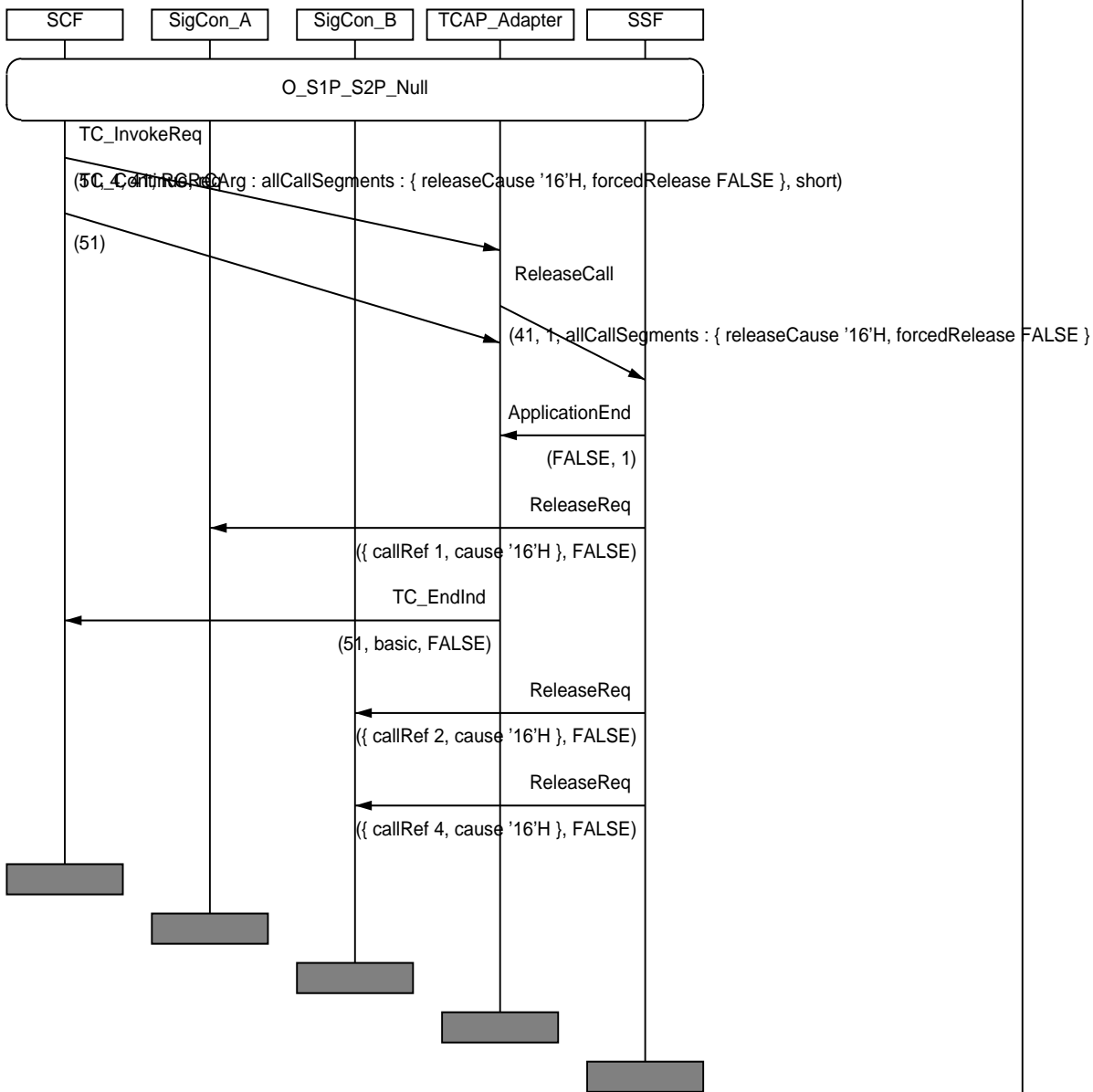
IN3_A_CPH_RC_BV_03	
Work item no.:	ITEM_CPH_9
IN2 Ref(tmp)	IN2_A_CPH_RC_BV_03
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_S2P_null sends to SigConA and SigConC a ReleaseReq, when having received from the SCF a ReleaseCall invoke component with parameters callSegmentToRelease(csID=2) and cause="normal, unspecified".
Requirements refs	6.5.1.2.3/3.3, 8.2, 8.2.1, 8.2.1.2, 8.2.2, 8.2.2.2, 8.2.2.5, 8.3.2, 8.4.2, 11.32.1, 11.32.1.1.1, 11.32.3.1
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	SCF sends to SSF ReleaseCall invoke, with: <ul style="list-style-type: none"> - callSegmentToRelease(csID=2) - releaseCause=normal, unspecified
Pass criteria	CP1_1?ReleaseReq(Normal clearing) L1?EventReportBCSM(1,oDisconnect) L1!ContinueWithArgument(legID=1) CP1_3?ReleaseReq(Normal clearing)
Postamble:	Release_2

MSC IN3_A_CPH_RC_BV_03



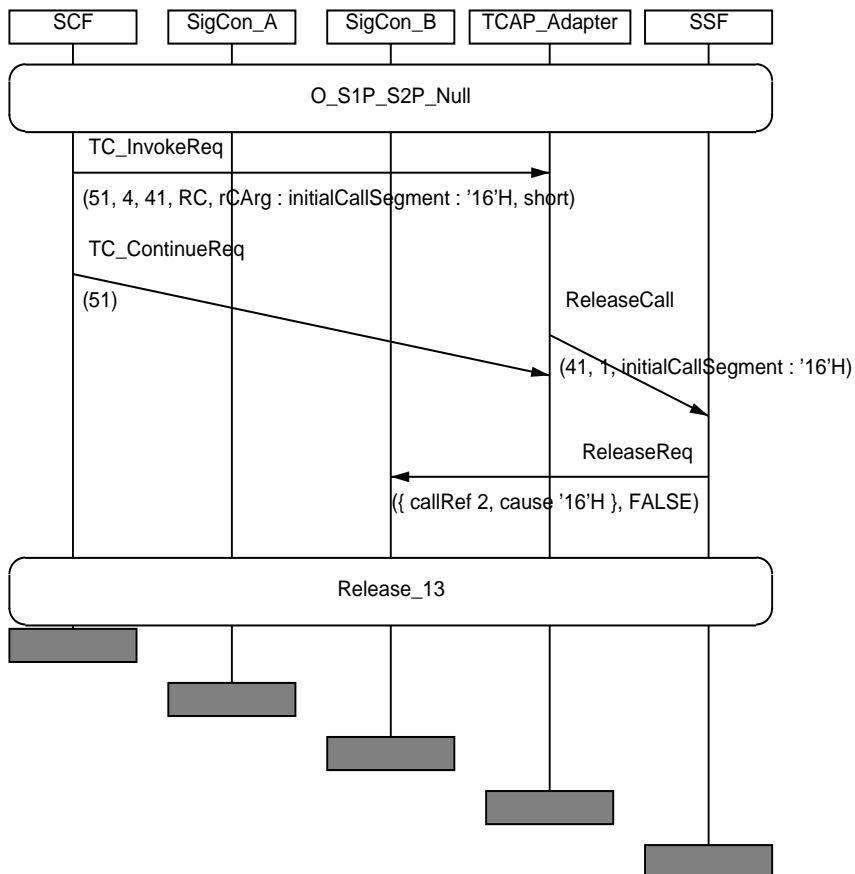
IN3_A_CPH_RC_BV_04	
Work item no.:	ITEM_CPH_141
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_S2P_null sends to SigConA, SigConB and SigConC a ReleaseReq, when having received from the SCF a ReleaseCall invoke component with parameters allCallSegments and cause="normal, unspecified".
Requirements refs	6.5.1.2.3/3.3, 8.2, 8.2.1, 8.2.1.2, 8.2.2, 8.2.2.2, 8.2.2.5, 8.3.2, 8.4.2, 11.32.1, 11.32.1.1.1, 11.32.3.1
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	SCF sends to SSF ReleaseCall invoke, with: <ul style="list-style-type: none"> - allCallSegments - releaseCause=normal, unspecified
Pass criteria	CP1_1?ReleaseReq(Normal clearing) L1?EventReportBCSM(1,oDisconnect) L1!ContinueWithArgument(legID=1) CP1_2?ReleaseReq(Normal clearing) CP1_3?ReleaseReq(Normal clearing)
Postamble:	None

MSC IN3_A_CPH_RC_BV_04



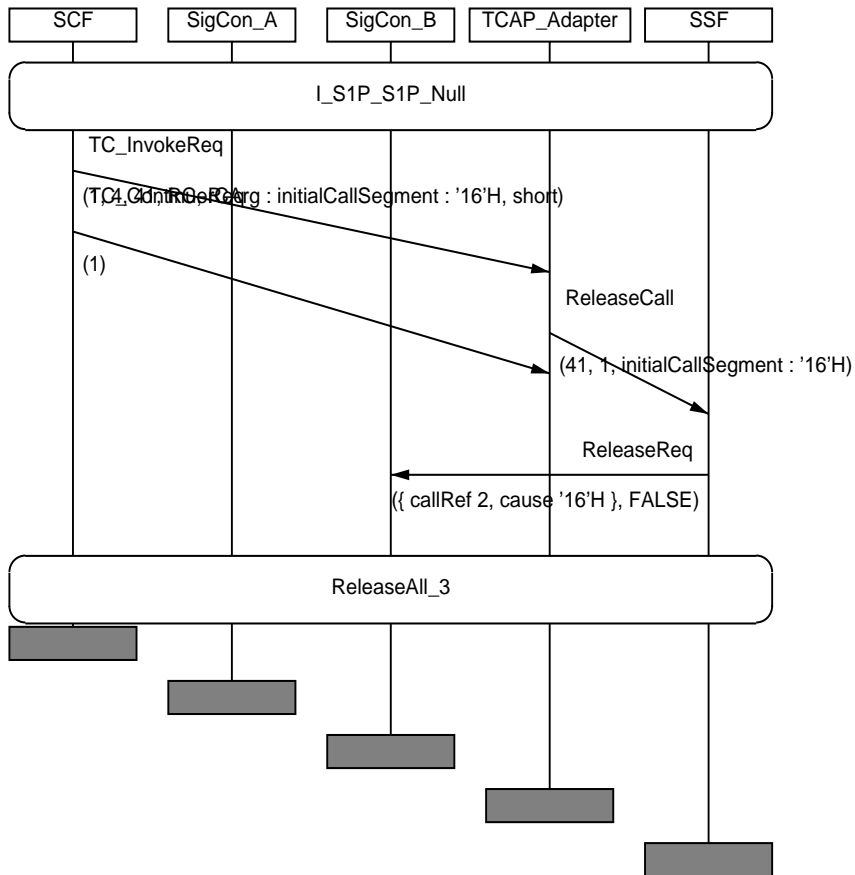
IN3_A_CPH_RC_BV_05	
Work item no.:	ITEM_CPH_142
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_S2P_null sends to SigConB a ReleaseReq, when having received from the SCF a ReleaseCall invoke component with parameters initialCallSegment and cause="normal, unspecified".
Requirements refs	6.5.1.2.3/3.3, 8.2, 8.2.1, 8.2.1.2, 8.2.2, 8.2.2.2, 8.2.2.5, 8.3.2, 8.4.2, 11.32.1, 11.32.1.1.1, 11.32.3.1
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	SCF sends to SSF ReleaseCall invoke, with: <ul style="list-style-type: none"> - initialCallSegment - releaseCause=normal, unspecified
Pass criteria	CP1_2?ReleaseReq(Normal clearing)
Postamble:	Release_13

MSC IN3_A_CPH_RC_BV_05



IN3_A_CPH_RC_BV_06	
Work item no.:	ITEM_CPH_143
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble I_S1P_S1P_null sends to SigConB a ReleaseReq, when having received from the SCF a ReleaseCall invoke component with parameters initialCallSegment and cause="normal, unspecified".
Requirements refs	6.5.1.2.3/3.3, 8.2, 8.2.1, 8.2.1.2, 8.2.2, 8.2.2.2, 8.2.2.5, 8.3.2, 8.4.2, 11.32.1, 11.32.1.1.1, 11.32.3.1
Selection Cond.	
Preamble:	I_S1P_S1P_null
Test description	SCF sends to SSF ReleaseCall invoke, with: <ul style="list-style-type: none"> - initialCallSegment - releaseCause=normal, unspecified
Pass criteria	CP1_2?ReleaseReq(Normal clearing)
Postamble:	Release_3

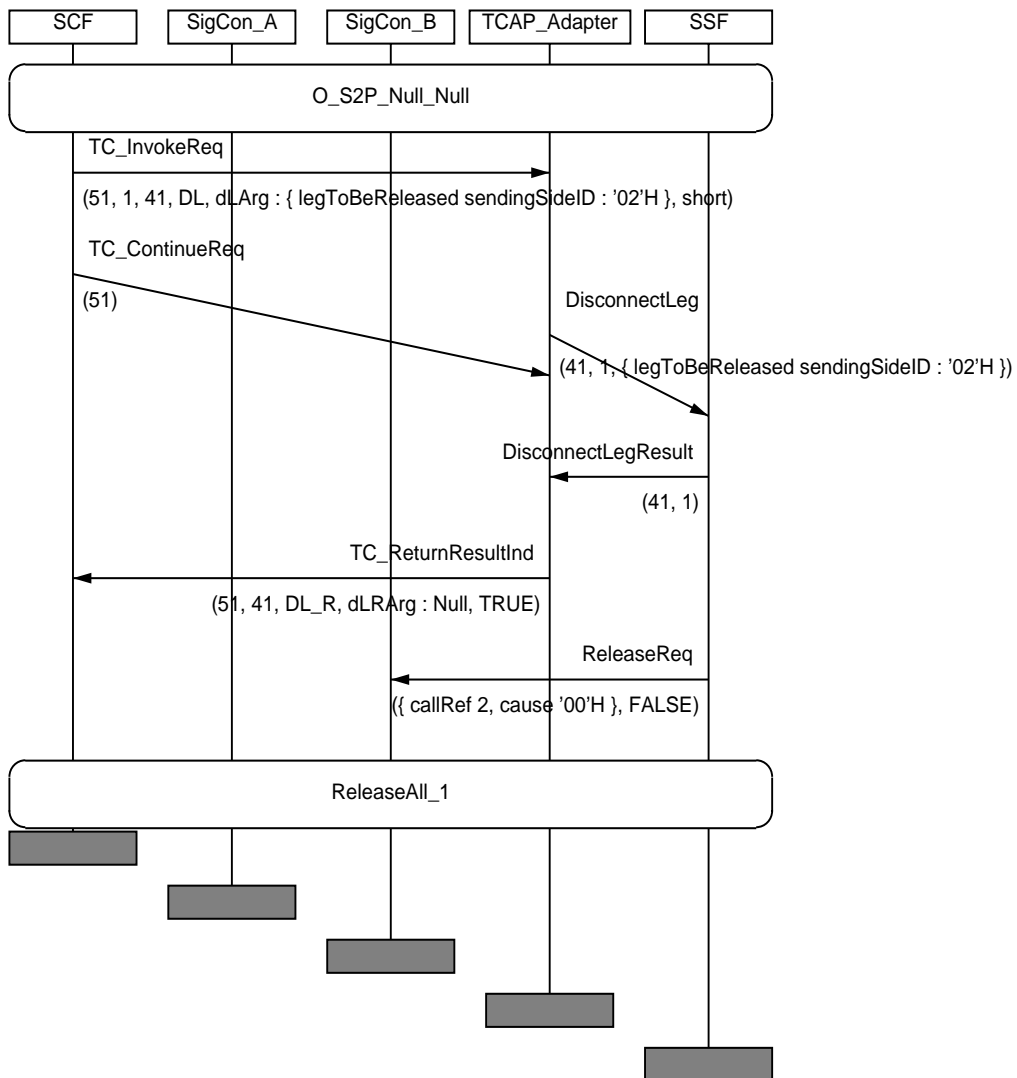
MSC IN3_A_CPH_RC_BV_06



8.6 DisconnectLeg (DL) procedure

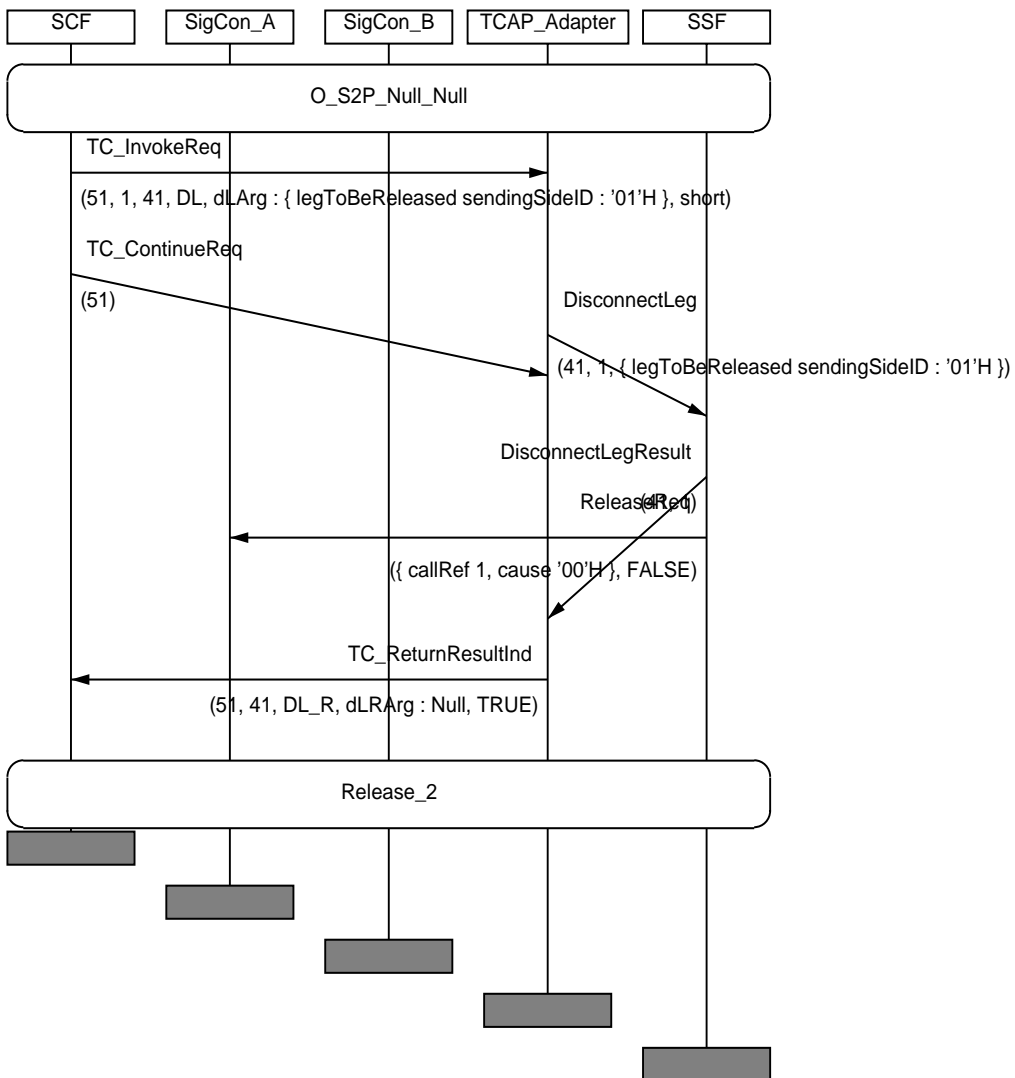
IN3_A_CPH_DL_BV_01	
Work item no.:	ITEM_CPH_10
IN2 Ref(tmp)	IN2_A_CPH_DL_BV_01
Purpose:	Verify that the SSF sends a DisconnectLeg ReturnResult component when having received a DisconnectLeg invoke component with the CS of the legToBeReleased (passive) being in the Stable_2_Party state, and sends a ReleaseReq signal to SigConB.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!DisconnectLeg(2)
Pass criteria	L1?DisconnectLeg ReturnResult CP1_2?ReleaseReq(Normal clearing)
Postamble:	ReleaseAll_1

MSC IN3_A_CPH_DL_BV_01



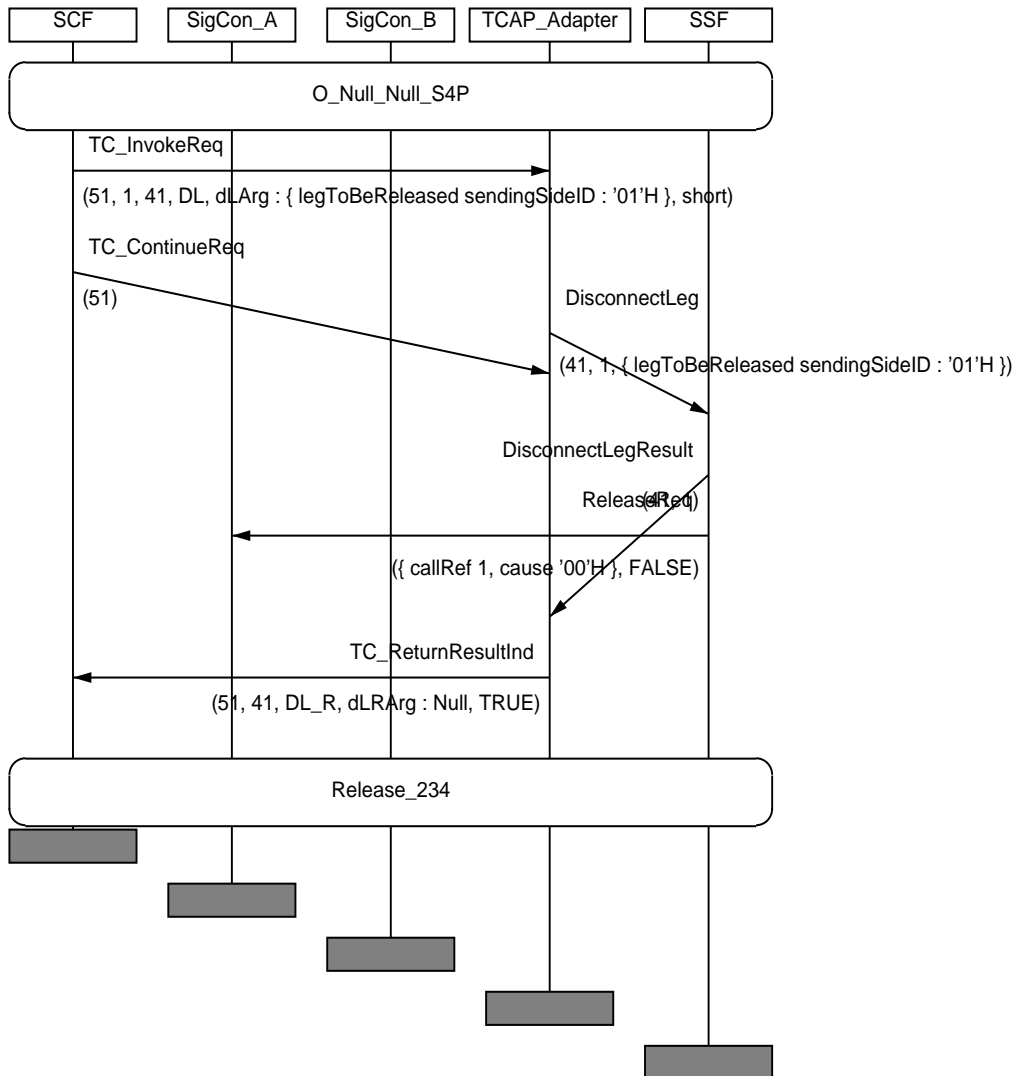
IN3_A_CPH_DL_BV_02	
Work item no.:	ITEM_CPH_147
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a DisconnectLeg ReturnResult component when having received a DisconnectLeg invoke component with the CS of the legToBeReleased (controlling) being in the Stable_2 Party state, and sends a ReleaseReq signal to SigConA.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!DisconnectLeg(1)
Pass criteria	L1?DisconnectLeg ReturnResult CP1_1?ReleaseReq(Normal clearing)
Postamble:	Release_2

MSC IN3_A_CPH_DL_BV_02



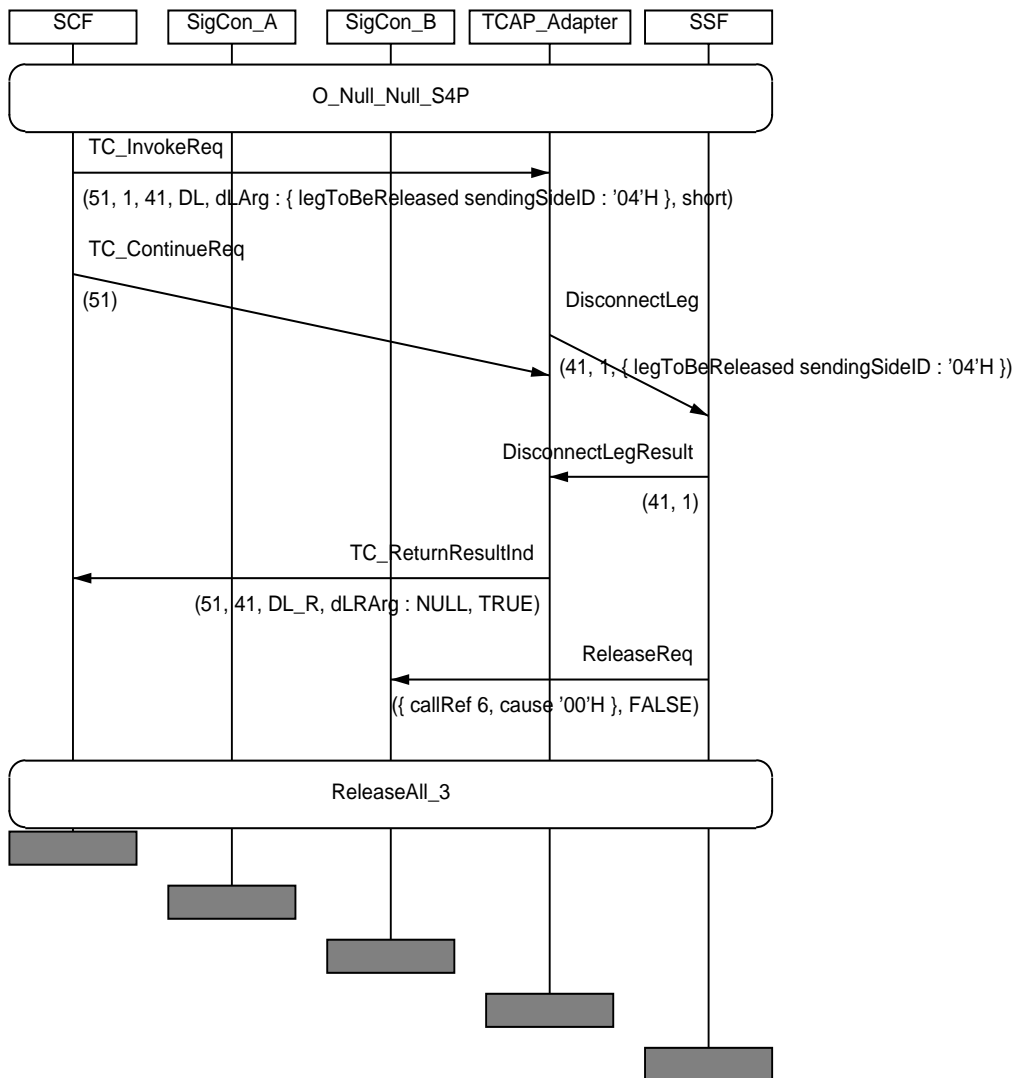
IN3_A_CPH_DL_BV_03	
Work item no.:	ITEM_CPH_148
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a DisconnectLeg ReturnResult component when having received a DisconnectLeg invoke component with the CS of the legToBeReleased (controlling) being in the Stable_4_Party state, and sends a ReleaseReq signal to SigConA.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_null_null_S4P
Test description	L1!DisconnectLeg(1)
Pass criteria	L1?DisconnectLeg ReturnResult CP1_1?ReleaseReq(Normal clearing)
Postamble:	Release_234

MSC IN3_A_CPH_DL_BV_03



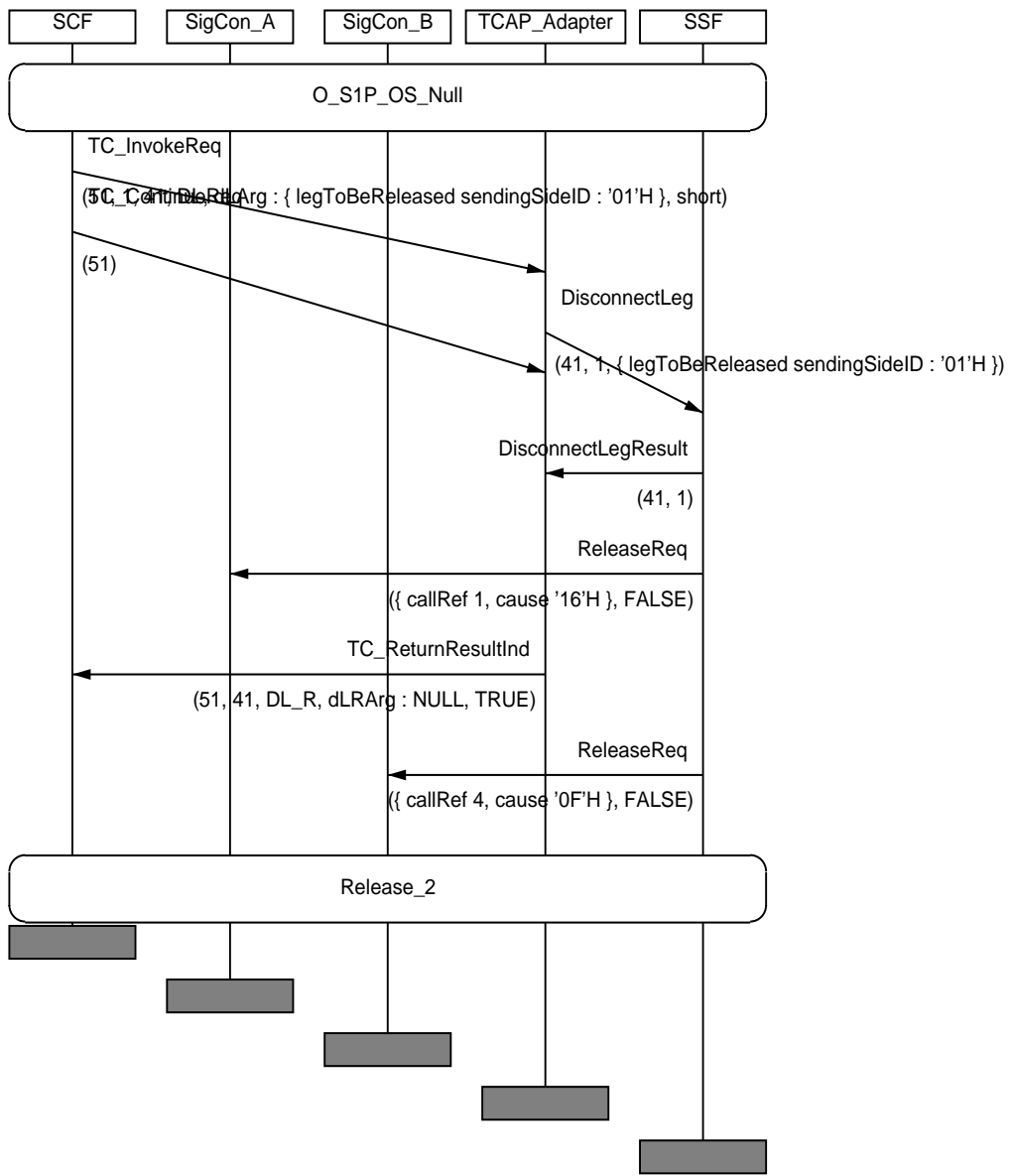
IN3_A_CPH_DL_BV_04	
Work item no.:	ITEM_CPH_149
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a DisconnectLeg ReturnResult component when having received a DisconnectLeg invoke component with the CS of the legToBeReleased (4,passive) being in the Stable_4 Party state, and sends a ReleaseReq signal to SigConD.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_null_null_S4P
Test description	L1!DisconnectLeg(4)
Pass criteria	L1?DisconnectLeg ReturnResult CP1_4?ReleaseReq(Normal clearing)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_DL_BV_04



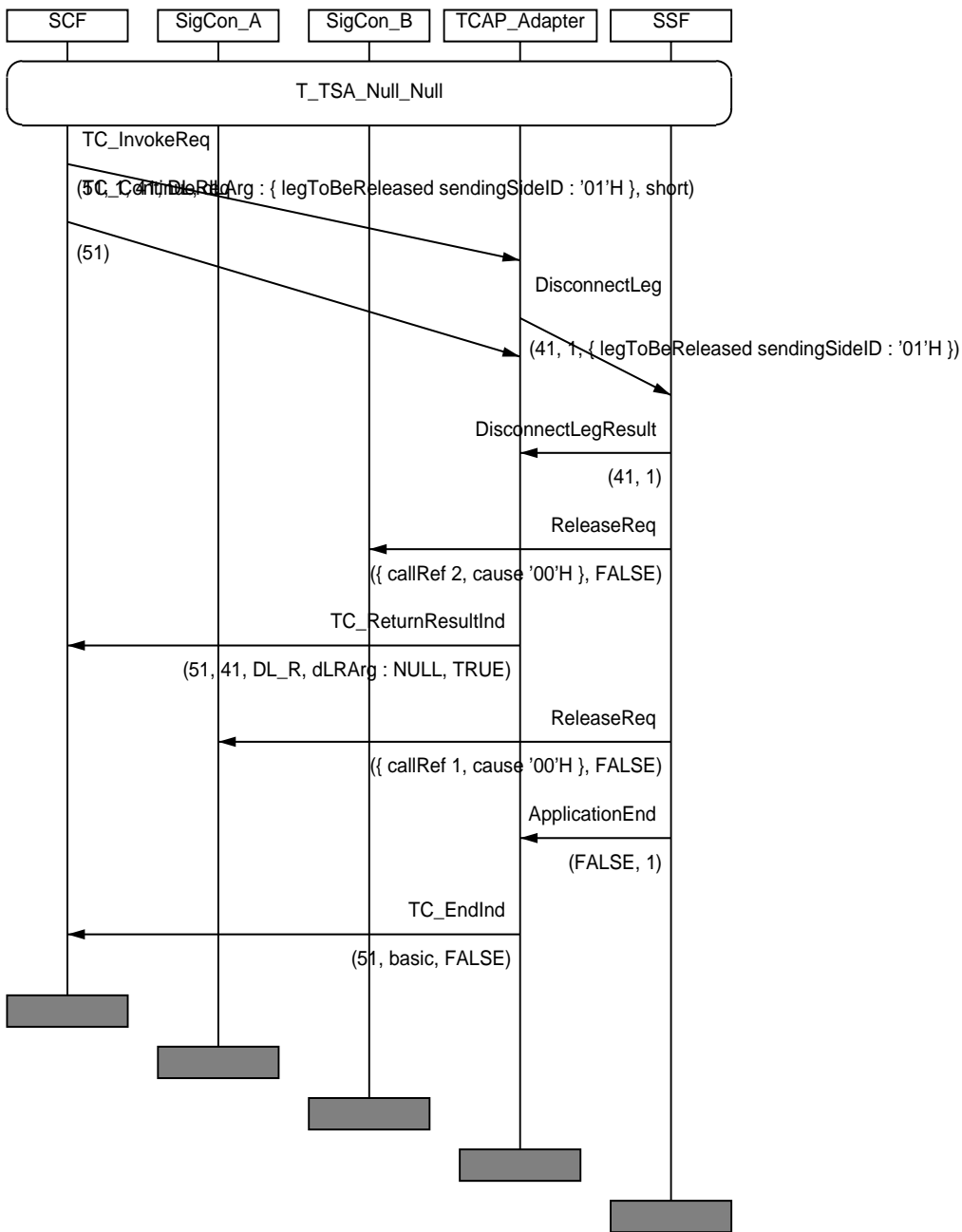
IN3_A_CPH_DL_BV_05	
Work item no.:	ITEM_CPH_145
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a DisconnectLeg ReturnResult component when having received a DisconnectLeg invoke component with the CS of the legToBeReleased (controlling) being in the Originating_Setup state, and sends a ReleaseReq signal to the signalling controlling entities of the controlling and the passive leg (SigConA and SigConB).
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_S1P_OS_null
Test description	L1!DisconnectLeg(1)
Pass criteria	L1?DisconnectLeg ReturnResult CP1_1?ReleaseReq(Normal clearing) CP1_3?ReleaseReq(Normal clearing)
Postamble:	Release_2

MSC IN3_A_CPH_DL_BV_05



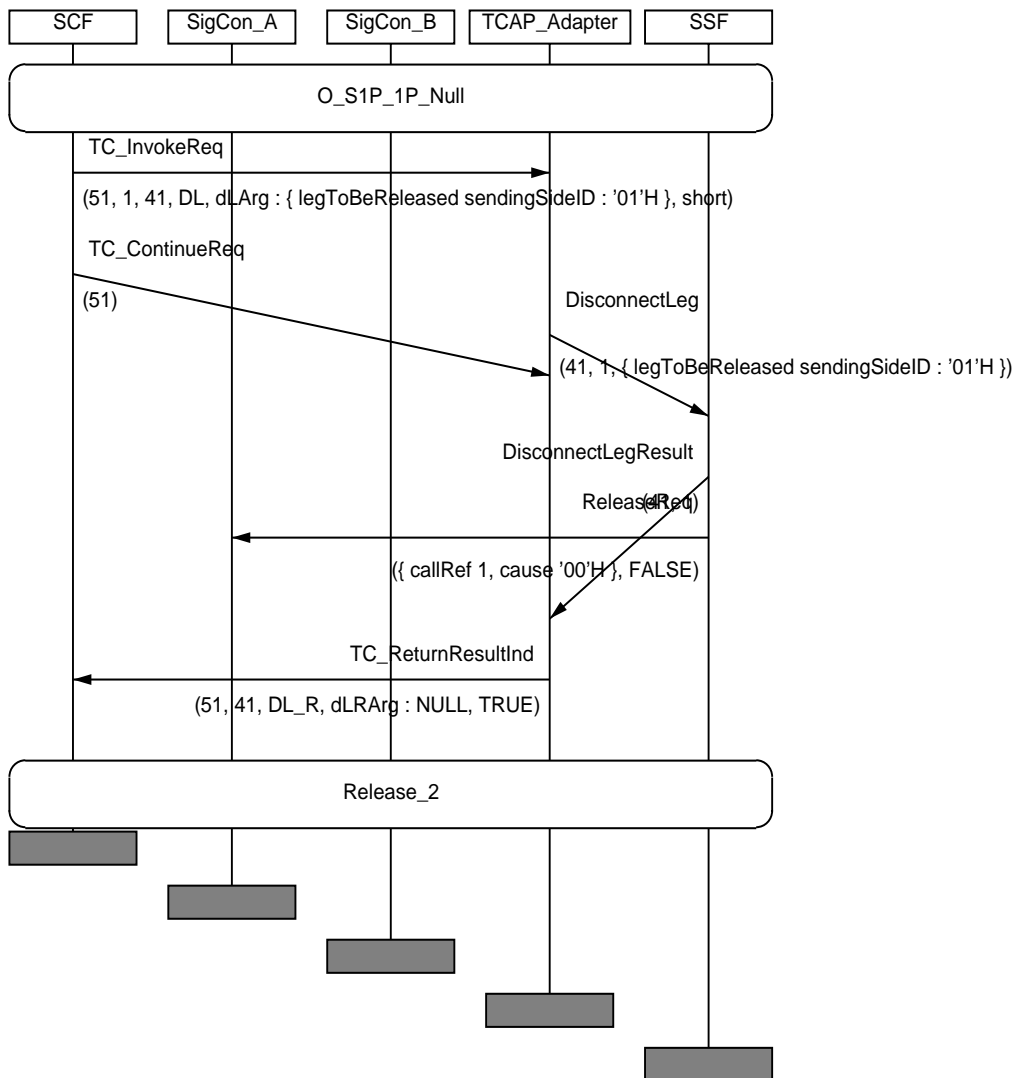
IN3_A_CPH_DL_BV_06	
Work item no.:	ITEM_CPH_150
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a DisconnectLeg ReturnResult component when having received a DisconnectLeg invoke component with the CS of the legToBeReleased (1,passive) being in the Terminating_Setup state, and sends a ReleaseReq signal to the signalling controlling entities of the controlling and the passive leg (SigConA and SigConB).
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	T_TSA_null_null
Test description	L1!DisconnectLeg(1)
Pass criteria	L1?DisconnectLeg ReturnResult CP1_1?ReleaseReq(Normal clearing) CP1_2?ReleaseReq(Normal clearing)
Postamble:	None

MSC IN3_A_CPH_DL_BV_06



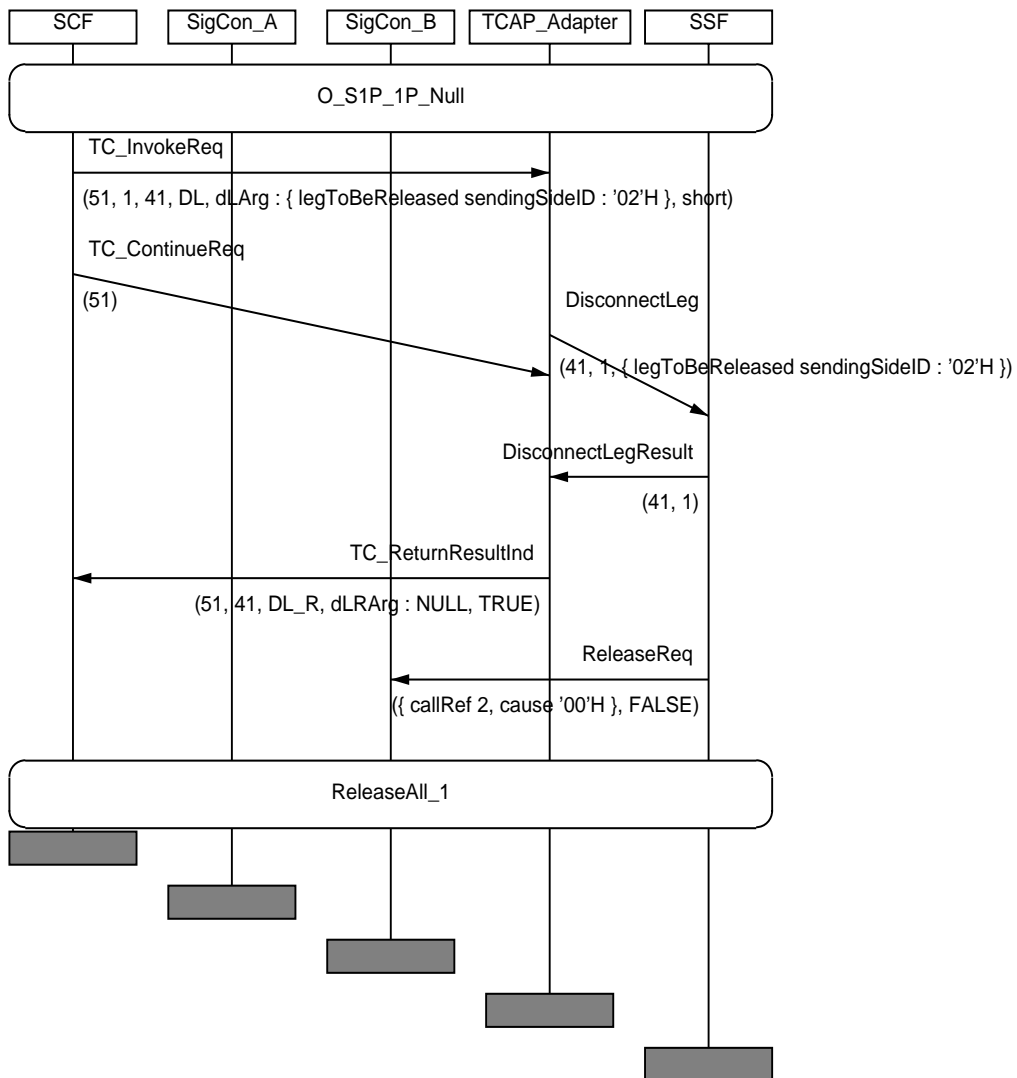
IN3_A_CPH_DL_BV_07	
Work item no.:	ITEM_CPH_146
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a DisconnectLeg ReturnResult component when having received a DisconnectLeg invoke component with the CS of the legToBeReleased (controlling) being in the 1_Party state, and sends a ReleaseReq signal to SigConA.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_S1P_1P_null
Test description	L1!DisconnectLeg(1)
Pass criteria	L1?DisconnectLeg ReturnResult CP1_1?ReleaseReq(Normal clearing)
Postamble:	Release_2

MSC IN3_A_CPH_DL_BV_07



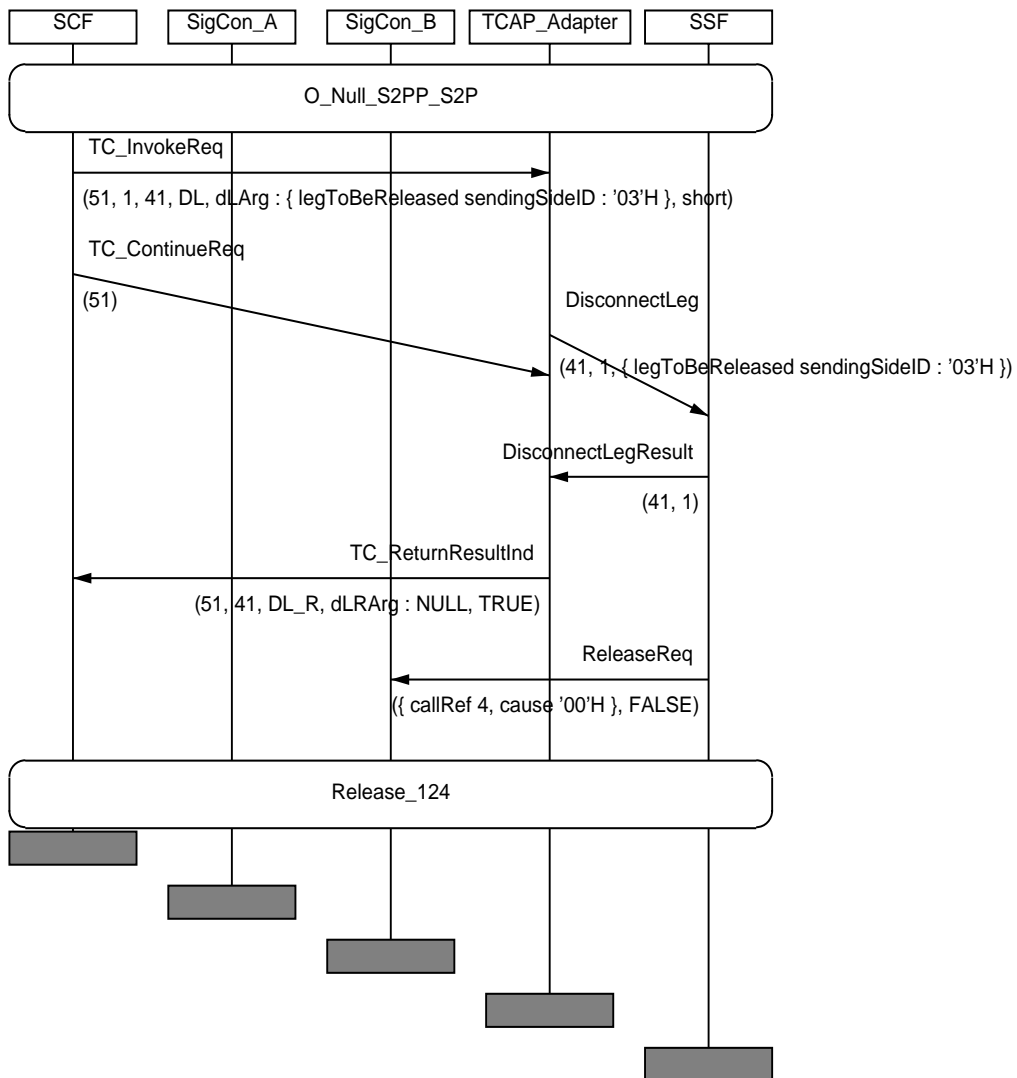
IN3_A_CPH_DL_BV_08	
Work item no.:	ITEM_CPH_151
IN2 Ref(tmp)	
Purpose:	Verify that the SSF sends a DisconnectLeg ReturnResult component when having received a DisconnectLeg invoke component with the legToBeReleased (passive) being in the Stable_1_Party state, and sends a ReleaseReq signal to SigConB.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_S1P_1P_null
Test description	L1!DisconnectLeg(2)
Pass criteria	L1?DisconnectLeg ReturnResult CP1_2?ReleaseReq(Normal clearing)
Postamble:	ReleaseAll_1

MSC IN3_A_CPH_DL_BV_08

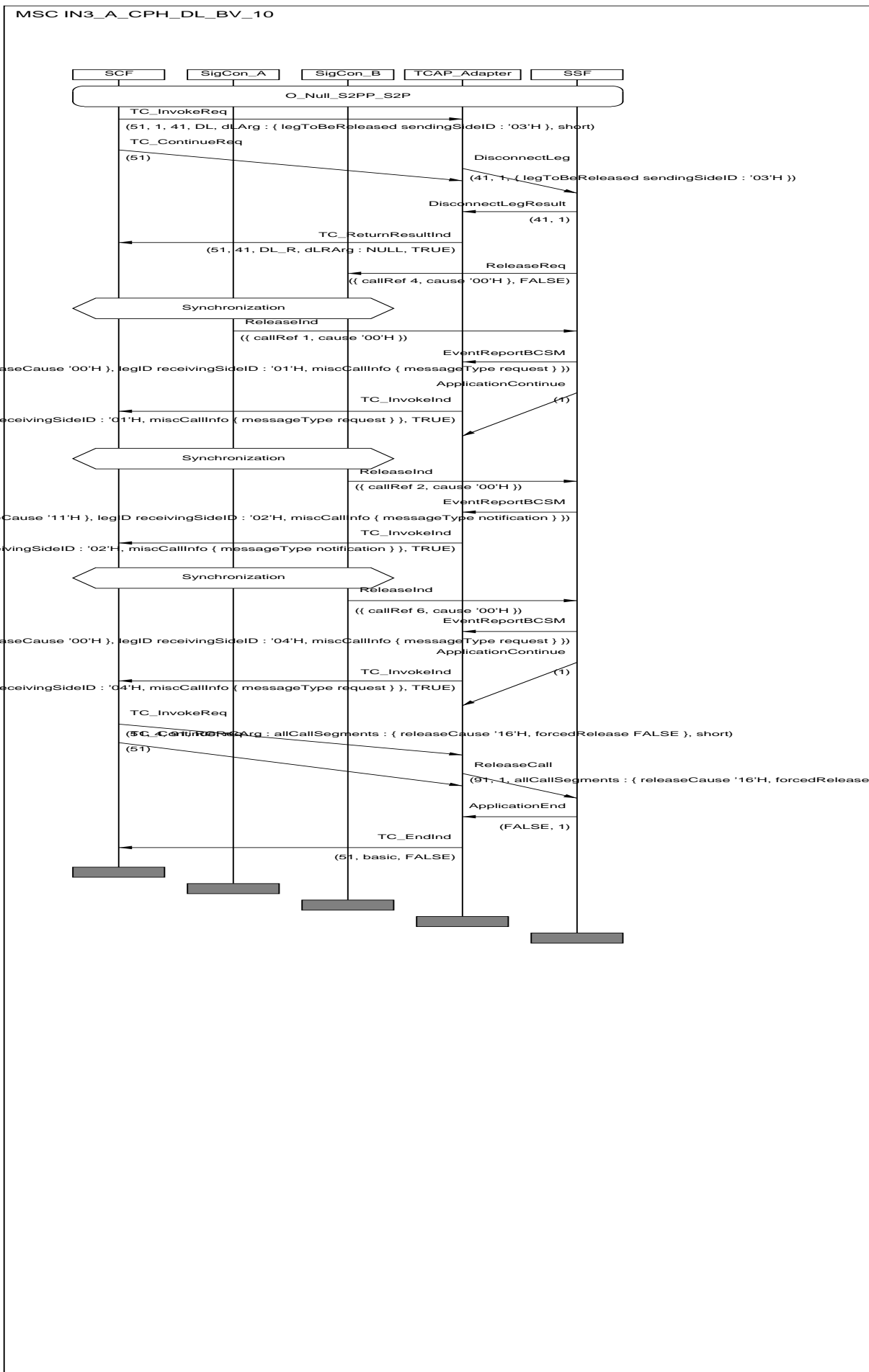


IN3_A_CPH_DL_BV_09	
Work item no.:	ITEM_CPH_11
IN2 Ref(tmp)	IN2_A_CPH_DL_BV_02
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S2PP_S2P (multiple CS with multiple legs), sends to the SCF a DisconnectLeg ReturnResult component and to SigConC a ReleaseReq, when having received from the SCF a DisconnectLeg invoke component with parameter legToBeReleased=3.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	L1!DisconnectLeg(3)
Pass criteria	L1?DisconnectLeg ReturnResult CP1_3?ReleaseReq(Normal clearing)
Postamble:	Release_124

MSC IN3_A_CPH_DL_BV_09

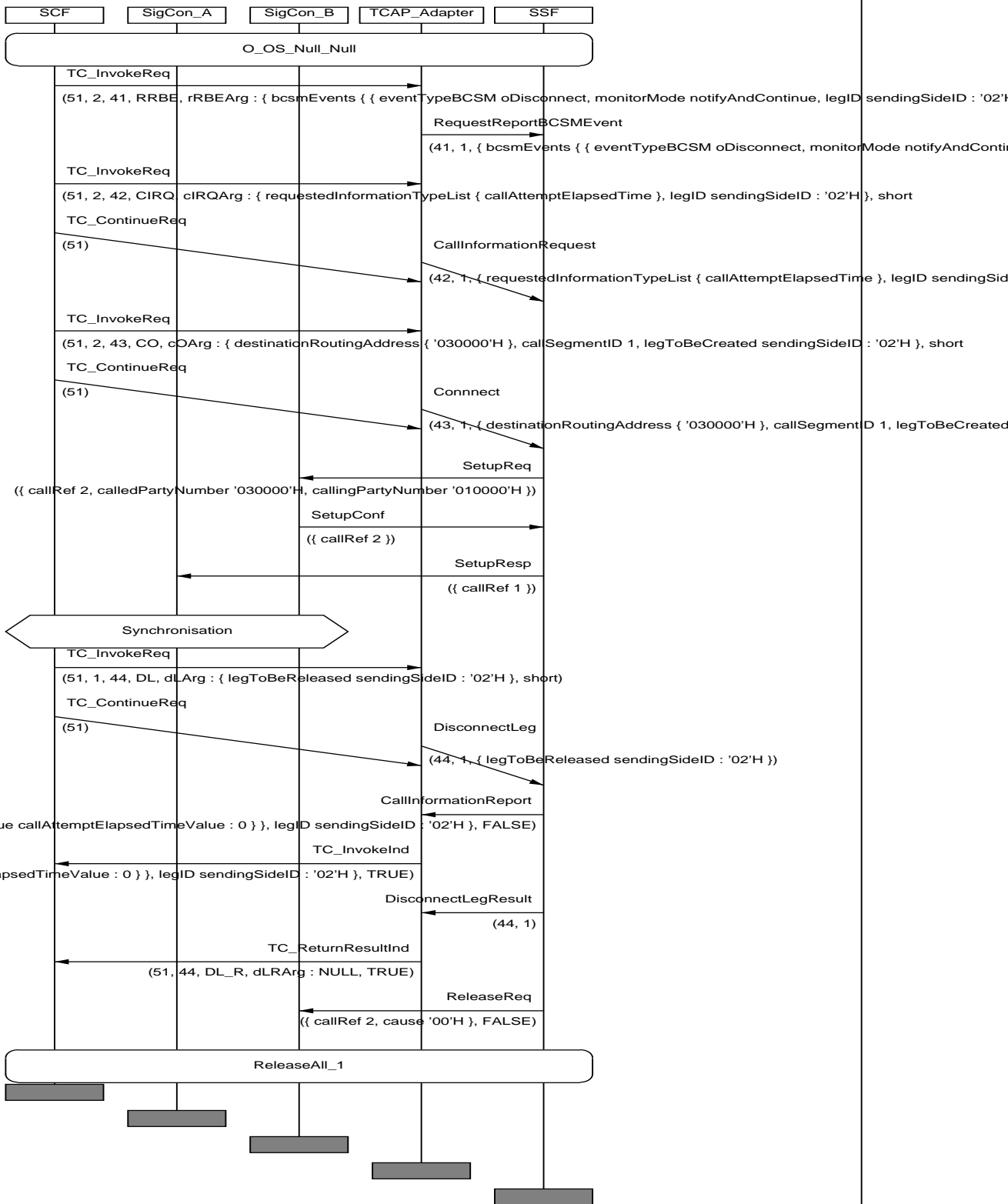


IN3_A_CPH_DL_BV_10	
Work item no.:	ITEM_CPH_152
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S2PP_S2P (multiple CS with multiple legs), keeps the event detection points armed on the remaining legs after performing the DisconnectLeg operation on one (passive) leg.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	L1!DisconnectLeg(3) L1?DisconnectLeg ReturnResult CP1_3?ReleaseReq(Normal clearing) CP1_1!ReleaseInd(Normal clearing) L1?EventReportBCSM(1,oDisconnect) CP1_2!ReleaseInd(Normal clearing) L1?EventReportBCSM(2,oDisconnect) CP1_4!ReleaseInd(Normal clearing) L1?EventReportBCSM(4,oDisconnect) L1!ReleaseCall(allCallSegments)
Pass criteria	DisconnectLeg ReturnResult and 3 EventReportBCSMs received.
Postamble:	None



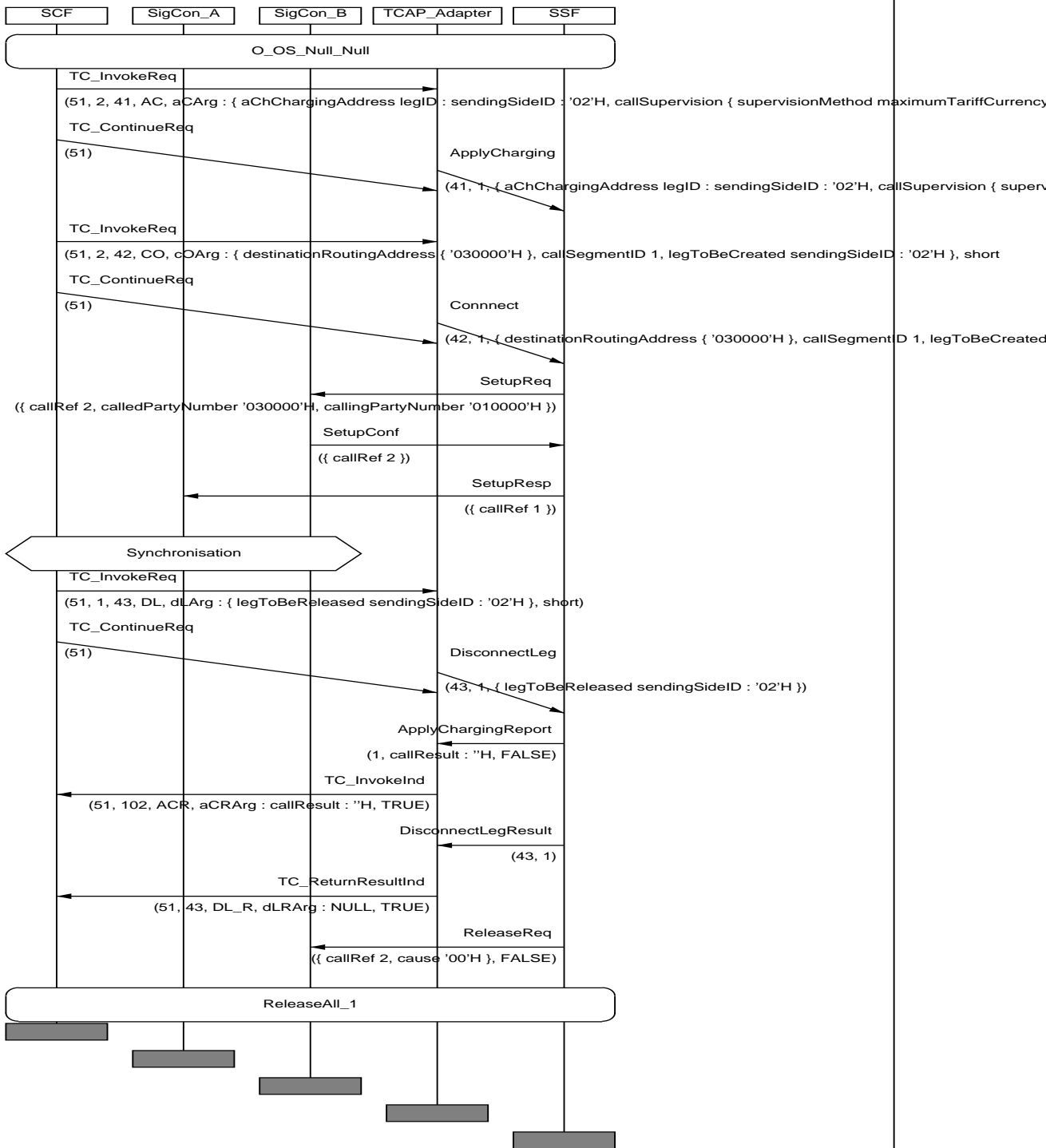
IN3_A_CPH_DL_BV_11	
Work item no.:	ITEM_CPH_12
IN2 Ref(tmp)	IN2_A_CPH_DL_BV_03
Purpose:	Verify that the SSF sends to the SCF a CallInformationReport, when a CallInformationRequest has been invoked on leg2 (passive) and leg2 has been disconnected.
Requirements refs	6.5.1.2.2, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 8.2.2.5, 8.2.2.6, 8.2.2.7, 11.7, 11.8, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_OS_null_null
Test description	L1!RequestReportBCSMEvent(2,notifyAndContinue,oDisconnect) L1!CallInformationRequest(2) L1!Connect(2,1) CP1_2?SetUpReq CP1_2!SetUpConf CP1_1?SetUpResp L1!DisconnectLeg(2)
Pass criteria	L1?CallInformationReport(2) L1?DisconnectLeg ReturnResult CP1_2?ReleaseReq(Normal clearing)
Postamble:	ReleaseAll_1

MSC IN3_A_CPH_DL_BV_11



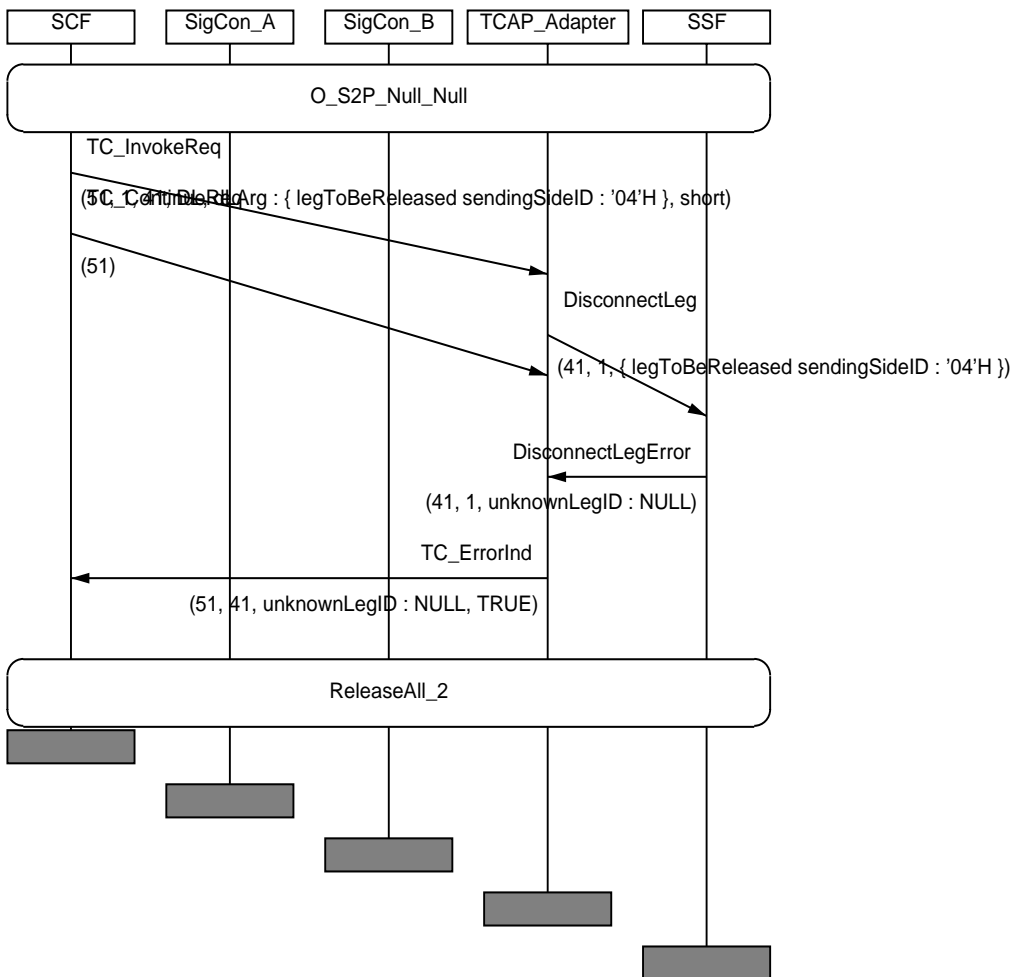
IN3_A_CPH_DL_BV_12	
Work item no.:	ITEM_CPH_207
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a ApplyChargingReport, when a ApplyChargingRequest has been invoked on leg2 (passive) and leg2 has been disconnected.
Requirements refs	6.5.1.2.2, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 8.2.2.5, 8.2.2.6, 8.2.2.7, 11.7, 11.8, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_OS_null_null
Test description	L1!ApplyChargingRequest(2) L1!Connect(2,1) CP1_2?SetUpReq CP1_2!SetUpConf CP1_1?SetUpResp L1!DisconnectLeg(2)
Pass criteria	L1?ApplyChargingReport(2) L1?DisconnectLeg ReturnResult CP1_2?ReleaseReq(Normal clearing) (The expected events may appear in any order)
Postamble:	ReleaseAll_1

MSC IN3_A_CPH_DL_BV_12



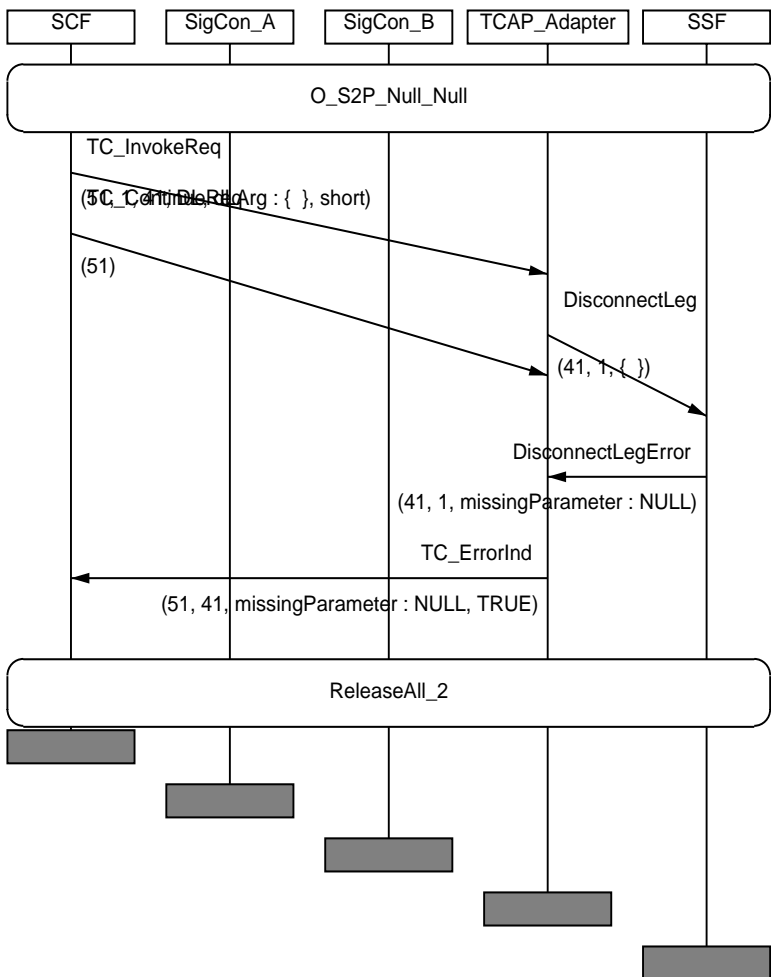
IN3_A_CPH_DL_BI_01	
Work item no.:	ITEM_CPH_13
IN2 Ref(tmp)	IN2_A_CPH_DL_BI_01
Purpose:	Verify that the SSF sends to the SCF a DisconnectLeg ReturnError component (unknownlegID) after having received from the SCF a DisconnectLeg invoke component with parameter legToBeReleased not being assigned to a leg.
Requirements refs	11.20.1, 11.20.1.1.1, 11.20.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!DisconnectLeg(4)
Pass criteria	L1?DisconnectLeg ReturnError(unknownlegID)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_DL_BI_01



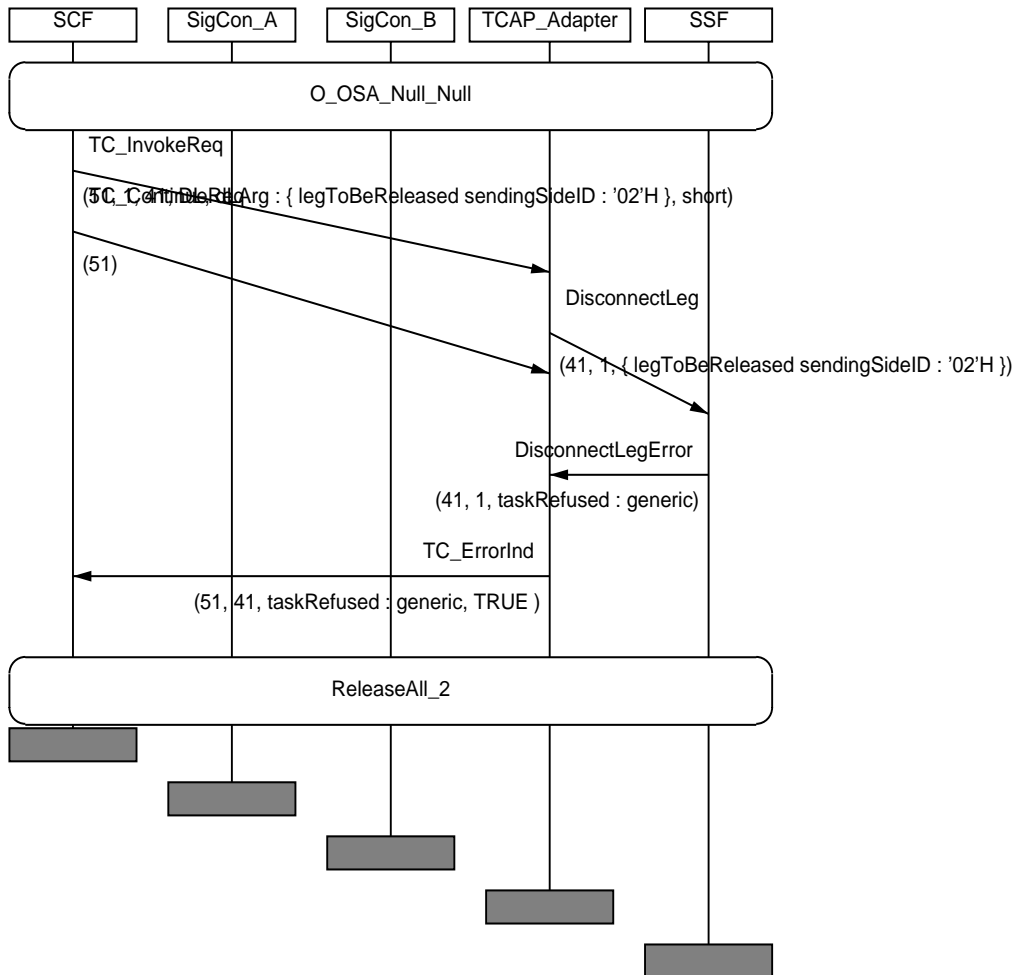
IN3_A_CPH_DL_BI_02	
Work item no.:	ITEM_CPH_155
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a DisconnectLeg ReturnError component (missingParameter) after having received from the SCF a DisconnectLeg invoke component without parameter legToBeReleased.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!DisconnectLeg (no legToBeReleased parameter contained)
Pass criteria	L1?DisconnectLeg ReturnError(missingParameter)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_DL_BI_02



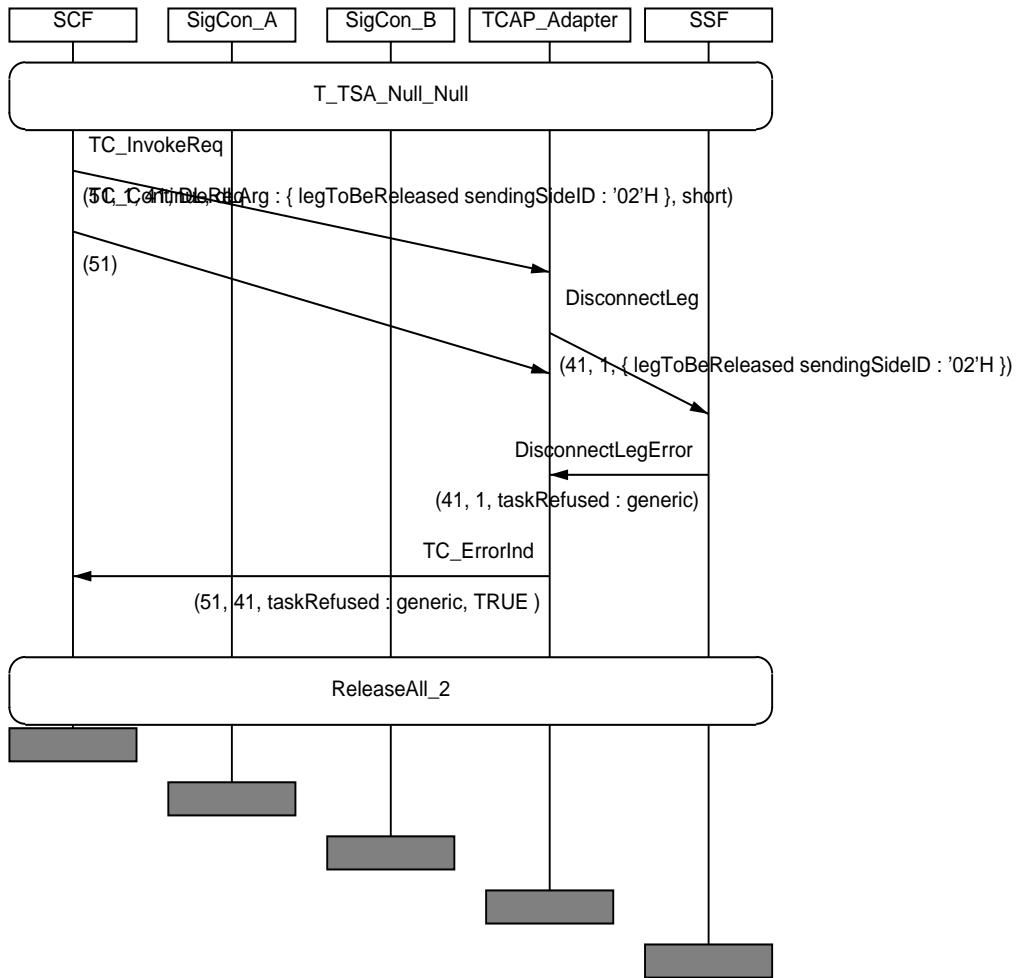
IN3_A_CPH_DL_BO_01	
Work item no.:	ITEM_CPH_154
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a DisconnectLeg ReturnError component (taskRefused), after having received from the SCF a DisconnectLeg invoke component with the CS of the legToBeReleased (passive) being in the Originating_Setup state.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	O_OSA_null_null
Test description	L1!DisconnectLeg(2)
Pass criteria	L1?DisconnectLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_DL_BO_01



IN3_A_CPH_DL_BO_02	
Work item no.:	ITEM_CPH_153
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a DisconnectLeg ReturnError component (taskRefused), after having received from the SCF a DisconnectLeg invoke component with the CS of the legToBeReleased (controlling) being in the Terminating_Setup state.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20.1, 11.20.1.1.1, 11.20.3.1
Selection Cond.	
Preamble:	T_TSA_null_null
Test description	L1!DisconnectLeg(2)
Pass criteria	L1?DisconnectLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_2

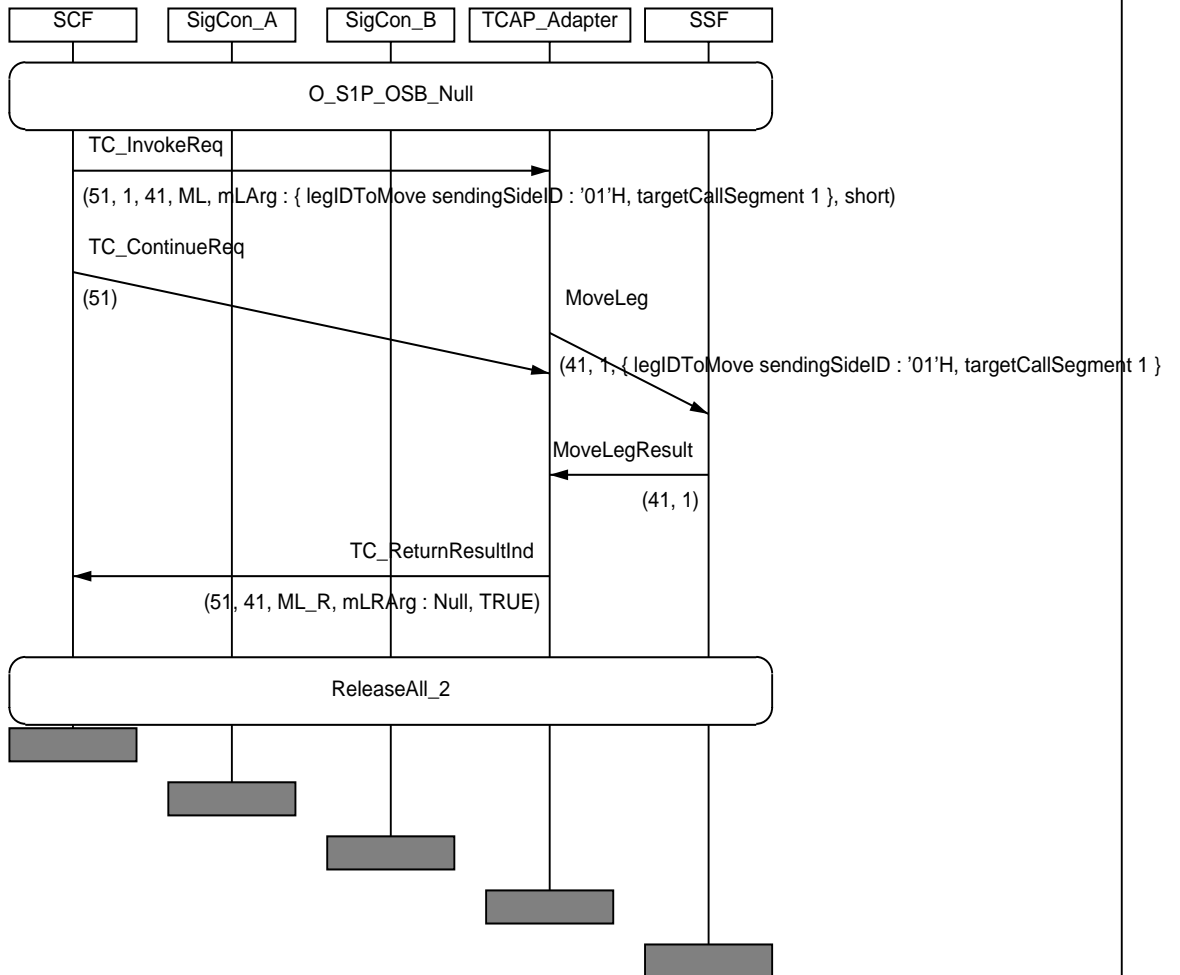
MSC IN3_A_CPH_DL_BO_02



8.7 MoveLeg (ML) procedure

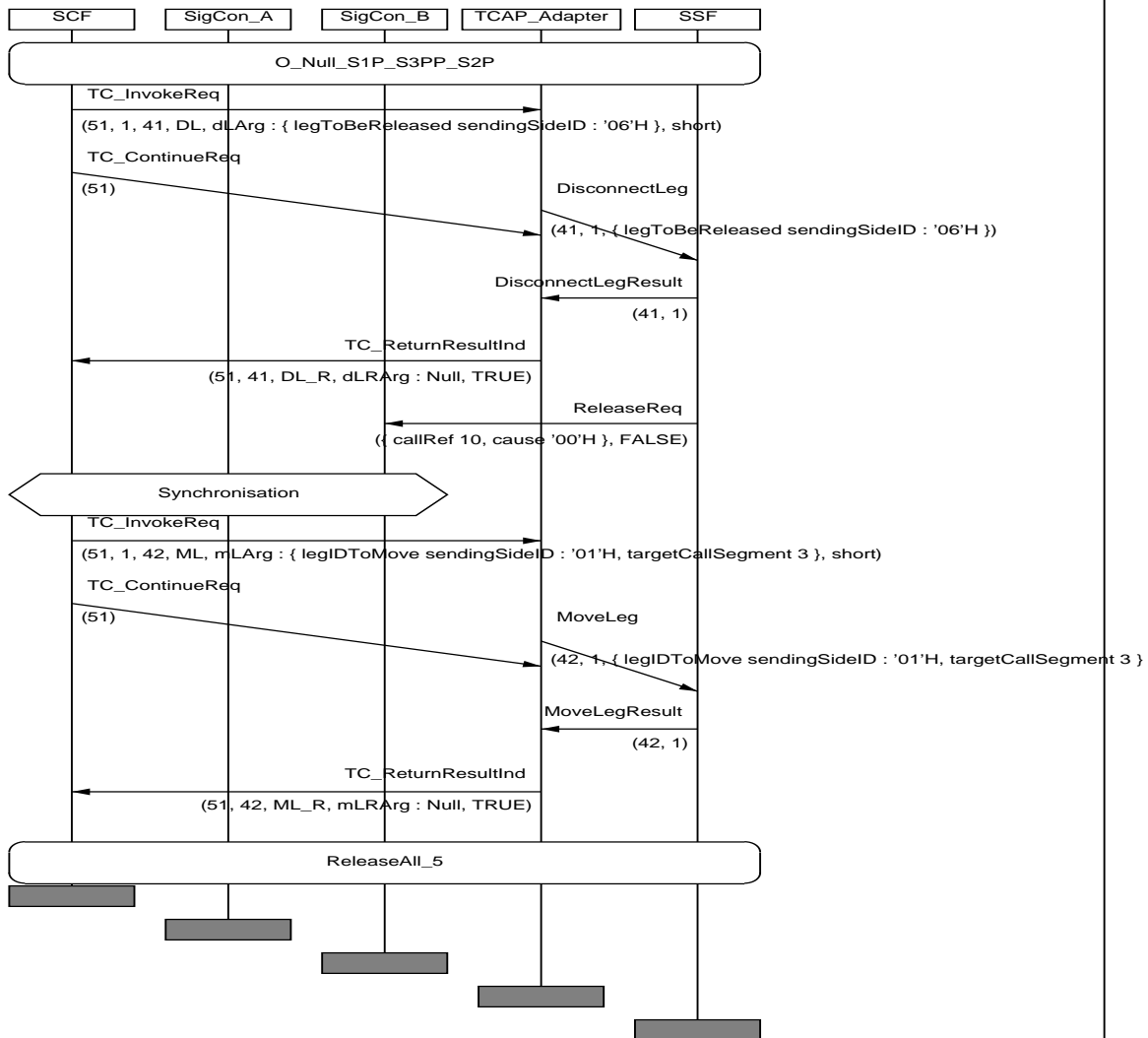
IN3_A_CPH_ML_BV_01	
Work item no.:	ITEM_CPH_208
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with the CS of the legIDToMove (controlling) being in the Originating_Setup state (waiting for instructions in the O_Called_Party_Busy DP) and the targetCS being in the Stable_1_Party state.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_S1P_OSB_null
Test description	L1!MoveLeg(1,1)
Pass criteria	L1?MoveLeg ReturnResult
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_ML_BV_01



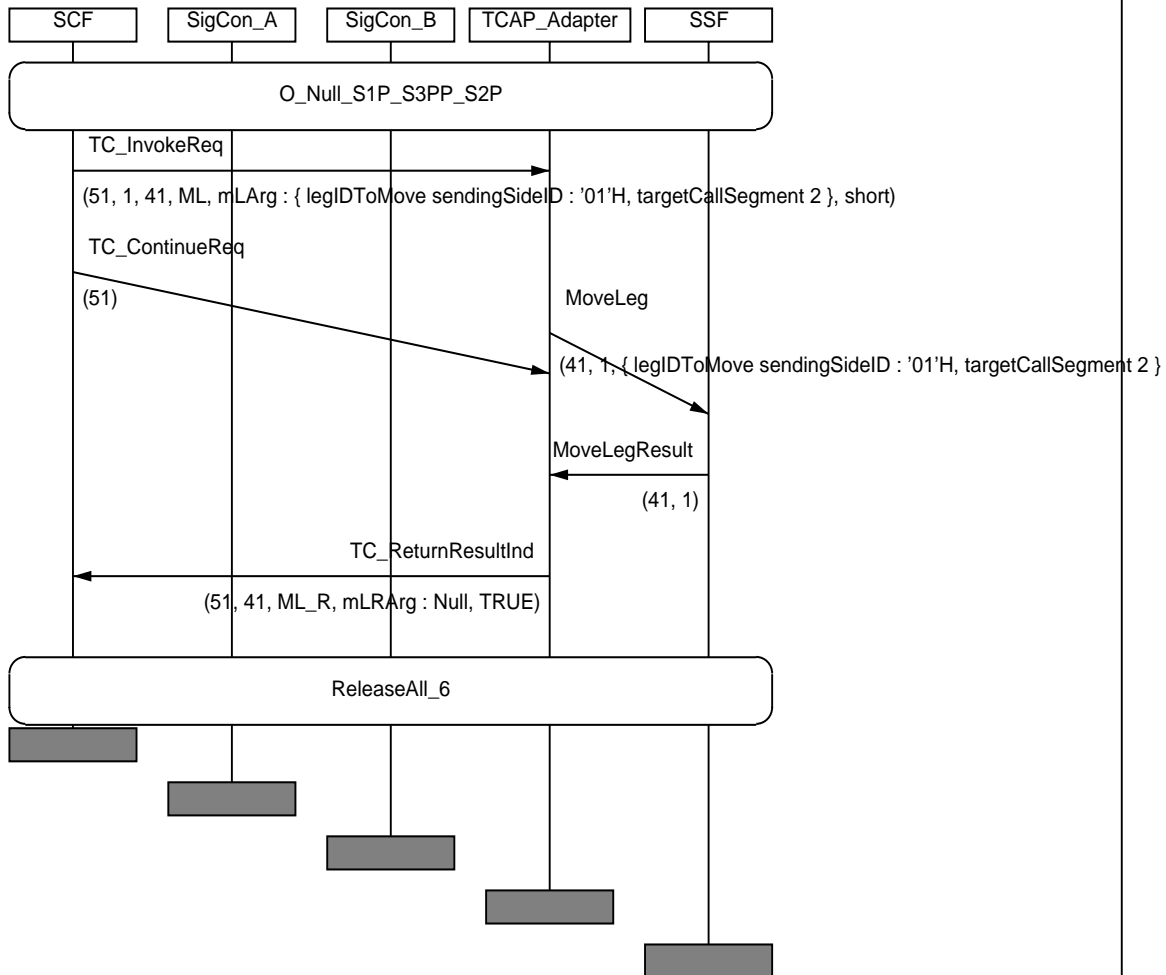
IN3_A_CPH_ML_BV_02	
Work item no.:	ITEM_CPH_209
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with the CS of the legIDToMove (controlling) being in the 1_Party state and the targetCS being in the Stable_Multi_Passive_Party state.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!DisconnectLeg(6) L1?DisconnectLeg ReturnResult L1!MoveLeg(1,3)
Pass criteria	L1?MoveLeg ReturnResult
Postamble:	ReleaseAll_5

MSC IN3_A_CPH_ML_BV_02



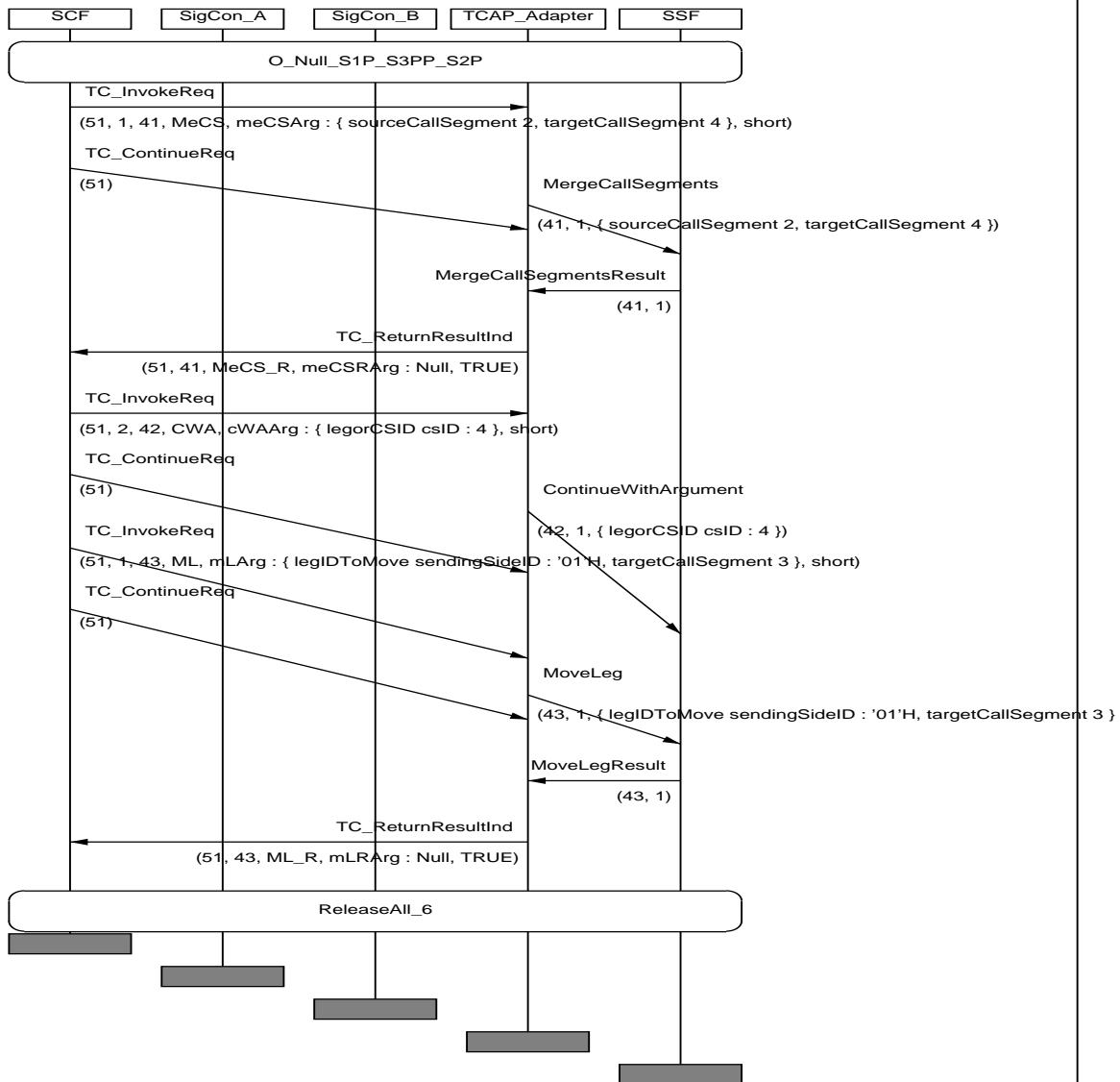
IN3_A_CPH_ML_BV_03	
Work item no.:	ITEM_CPH_210
IN2 Ref(tmp)	IN2_A_CPH_ML_BV_01
Purpose:	Verify that the SSF sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with the CS of the legIDToMove (controlling) being in the Stable_2_Party state and the targetCS being in the Stable_1_Party state.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MoveLeg(1,2)
Pass criteria	L1?MoveLeg ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_ML_BV_03



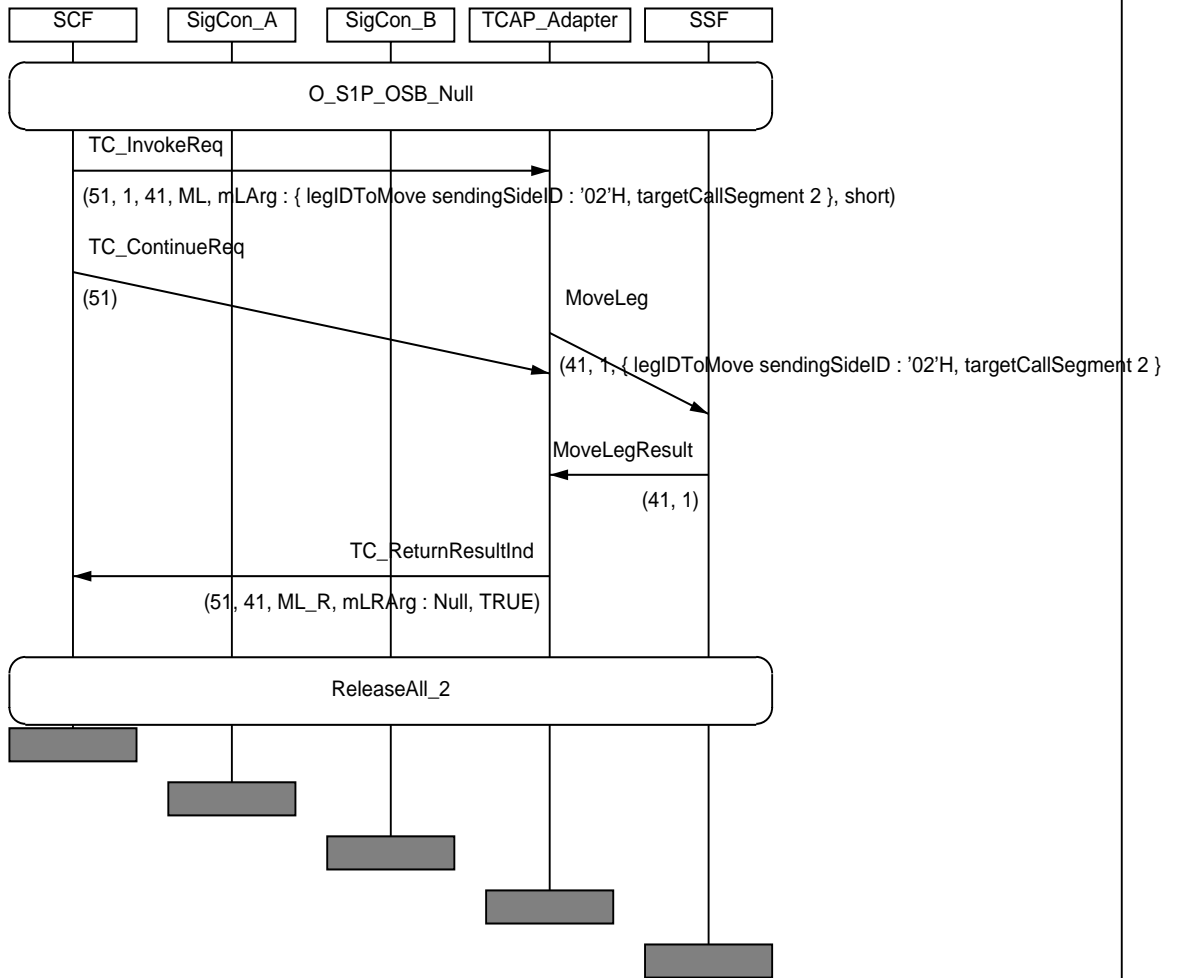
IN3_A_CPH_ML_BV_04	
Work item no.:	ITEM_CPH_211
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with the CS of the legIDToMove (controlling) being in the Stable_Multi_Party state and the targetCS being in the Stable_Multi_Passive_Party state.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MergeCallSegments(2,4) L1?MergeCallSegments ReturnResult L1!ContinueWithArgument(csID=4) L1!MoveLeg(1,3)
Pass criteria	L1?MoveLeg ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_ML_BV_04



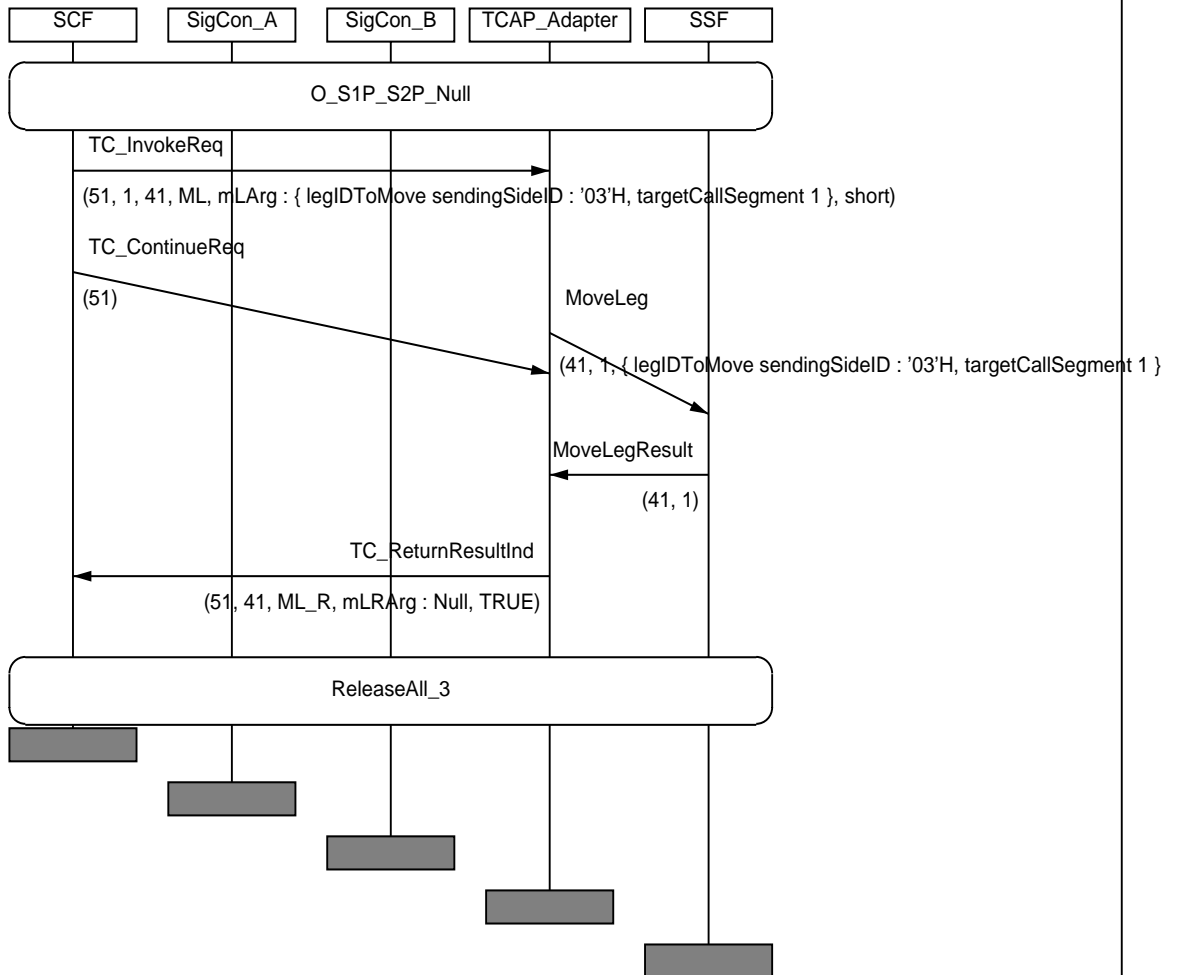
IN3_A_CPH_ML_BV_05	
Work item no.:	ITEM_CPH_212
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with the CS of the legIDToMove (passive) being in the Stable_1_Party state and the targetCS being in the Originating_Setup state (waiting for instructions in the O_Called_Party_Busy DP).
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_S1P_OSB_null
Test description	L1!MoveLeg(2,2)
Pass criteria	L1?MoveLeg ReturnResult
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_ML_BV_05



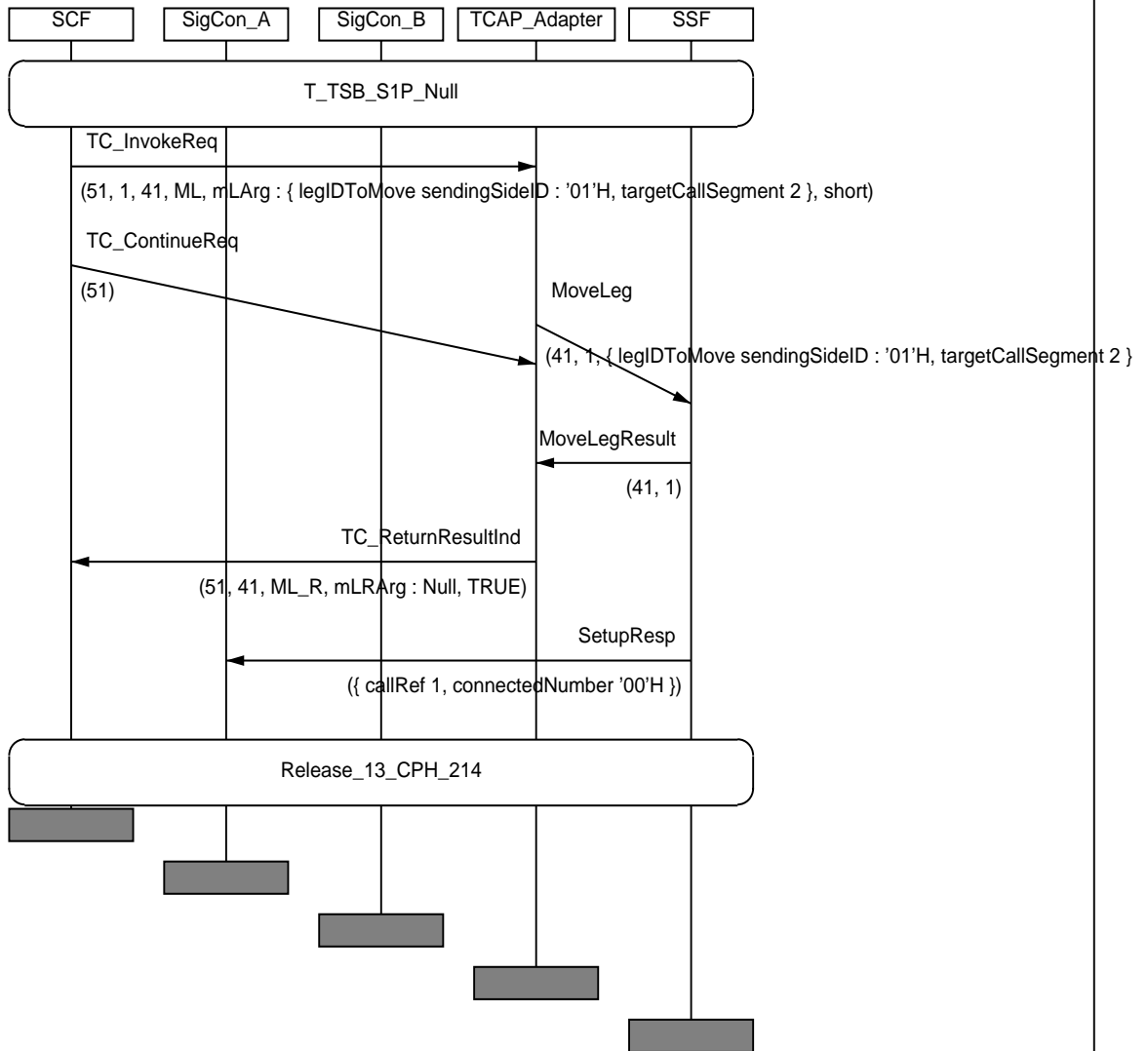
IN3_A_CPH_ML_BV_06	
Work item no.:	ITEM_CPH_213
IN2 Ref(tmp)	IN2_A_CPH_ML_BV_02
Purpose:	Verify that the SSF sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with the CS of the legIDToMove (passive) being in the Stable_2_Party state and the targetCS being in the Stable_1_Party state.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MoveLeg(3,1)
Pass criteria	L1?MoveLeg ReturnResult
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ML_BV_06



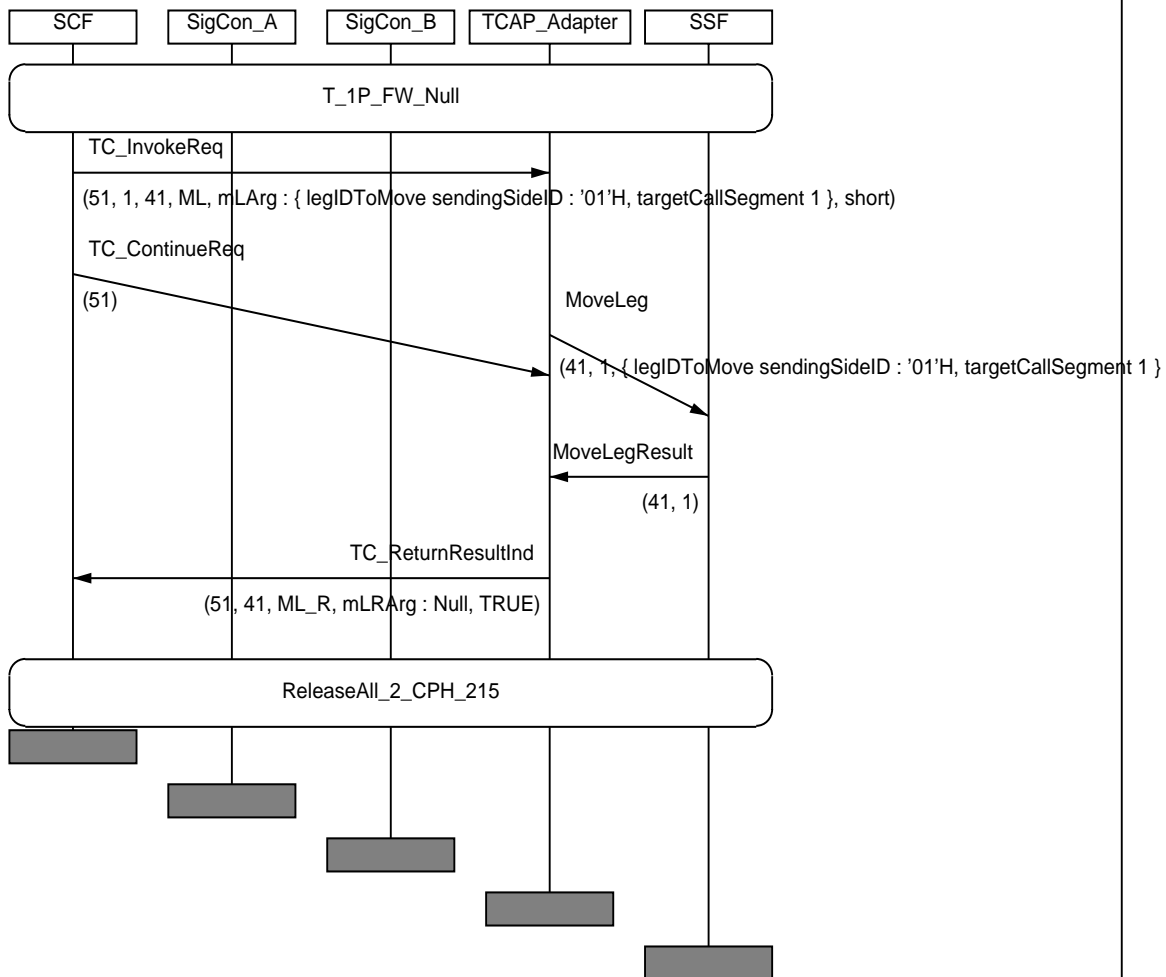
IN3_A_CPH_ML_BV_07	
Work item no.:	ITEM_CPH_214
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with the CS of the legIDToMove (passive) being in the Terminating_Setup state (waiting for instructions in the T_Busy DP) and the targetCS being in the Stable_1_Party state.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	T_TSB_S1P_null
Test description	L1!MoveLeg(1,2)
Pass criteria	L1?MoveLeg ReturnResult CP1_1?SetUpConf
Postamble:	Release_13

MSC IN3_A_CPH_ML_BV_07



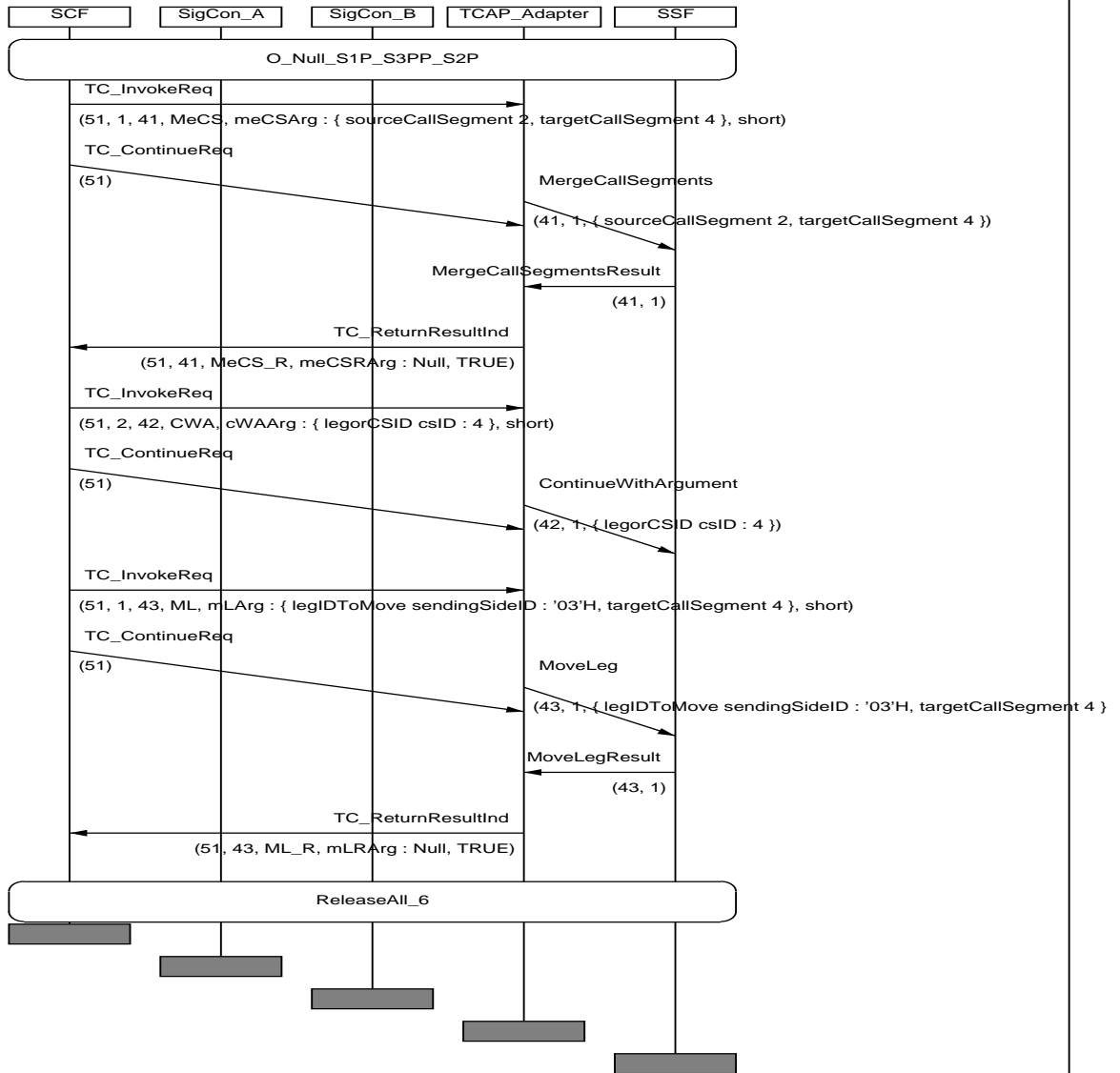
IN3_A_CPH_ML_BV_08	
Work item no.:	ITEM_CPH_215
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with the CS of the legIDToMove (passive,joined) being in the Forward state (waiting for instructions in the O_Called_Party_Busy DP for the pending passive leg) and the targetCS being in the 1_Party state.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	T_1P_FW_null
Test description	L1!MoveLeg(1,1)
Pass criteria	L1?MoveLeg ReturnResult
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_ML_BV_08



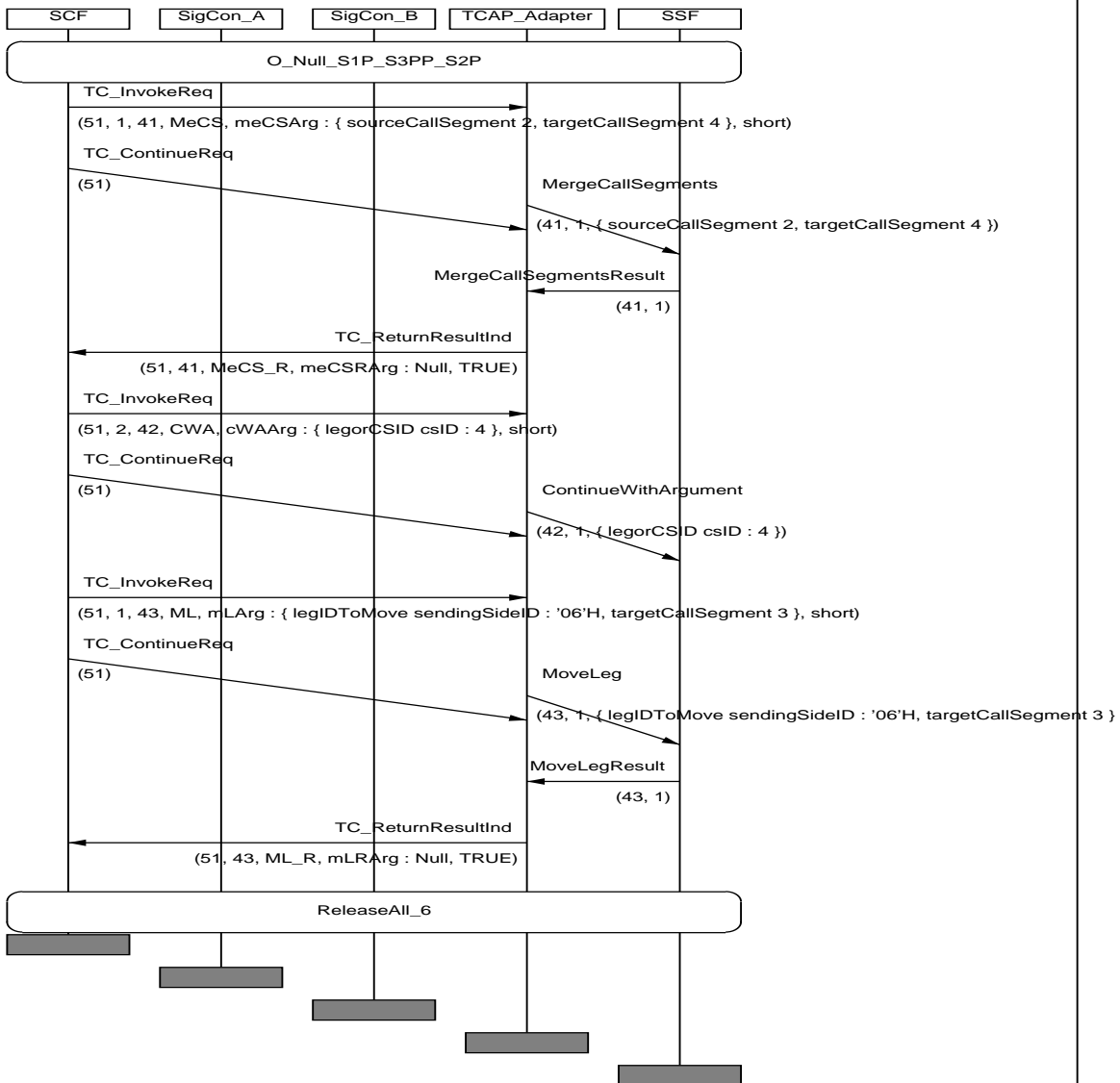
IN3_A_CPH_ML_BV_09	
Work item no.:	ITEM_CPH_216
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with the CS of the legIDToMove (passive) being in the Stable_Multi_Passive_Party state and the targetCS being in the Stable_Multi_Party state.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MergeCallSegments(2,4) L1?MergeCallSegments ReturnResult L1!MoveLeg(3,4)
Pass criteria	L1?MoveLeg ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_ML_BV_09



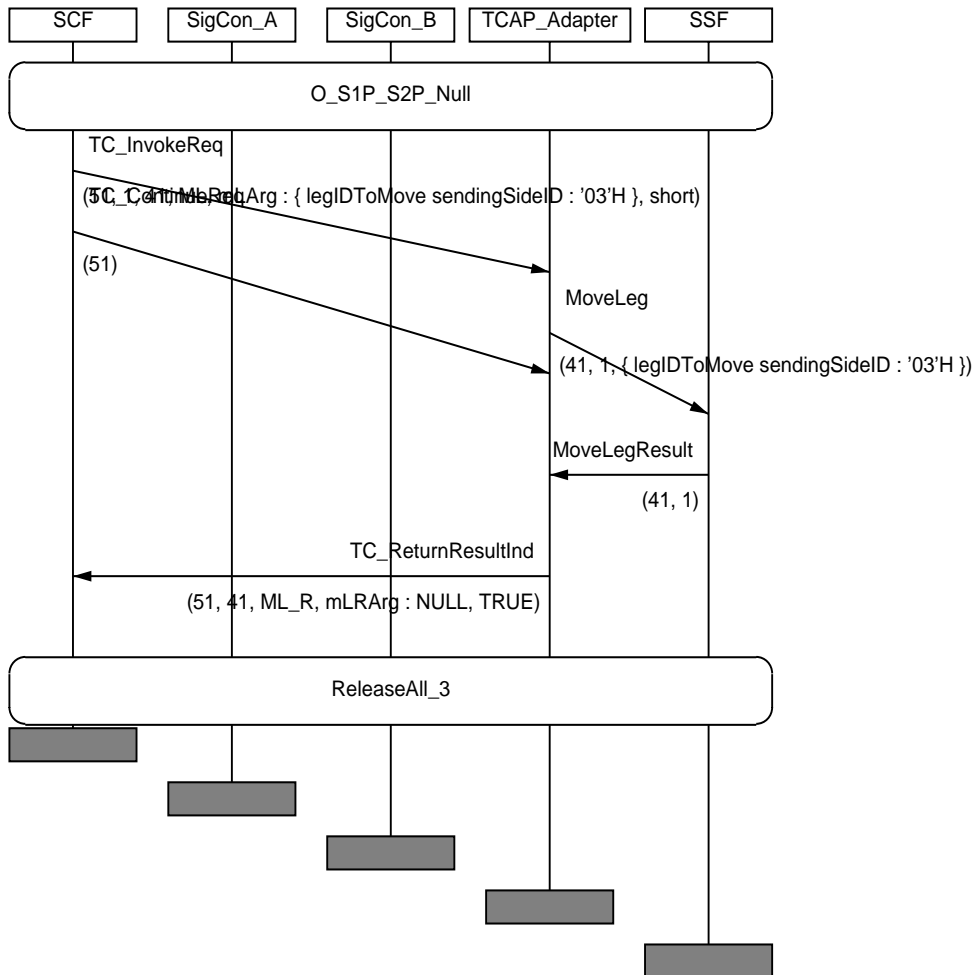
IN3_A_CPH_ML_BV_10	
Work item no.:	ITEM_CPH_217
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with the CS of the legIDToMove (passive) being in the Stable_Multi_Party state and the targetCS being in the Stable_Multi_Passive_Party state.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!MergeCallSegments(2,4) L1?MergeCallSegments ReturnResult L1!MoveLeg(6,3)
Pass criteria	L1?MoveLeg ReturnResult
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_ML_BV_10

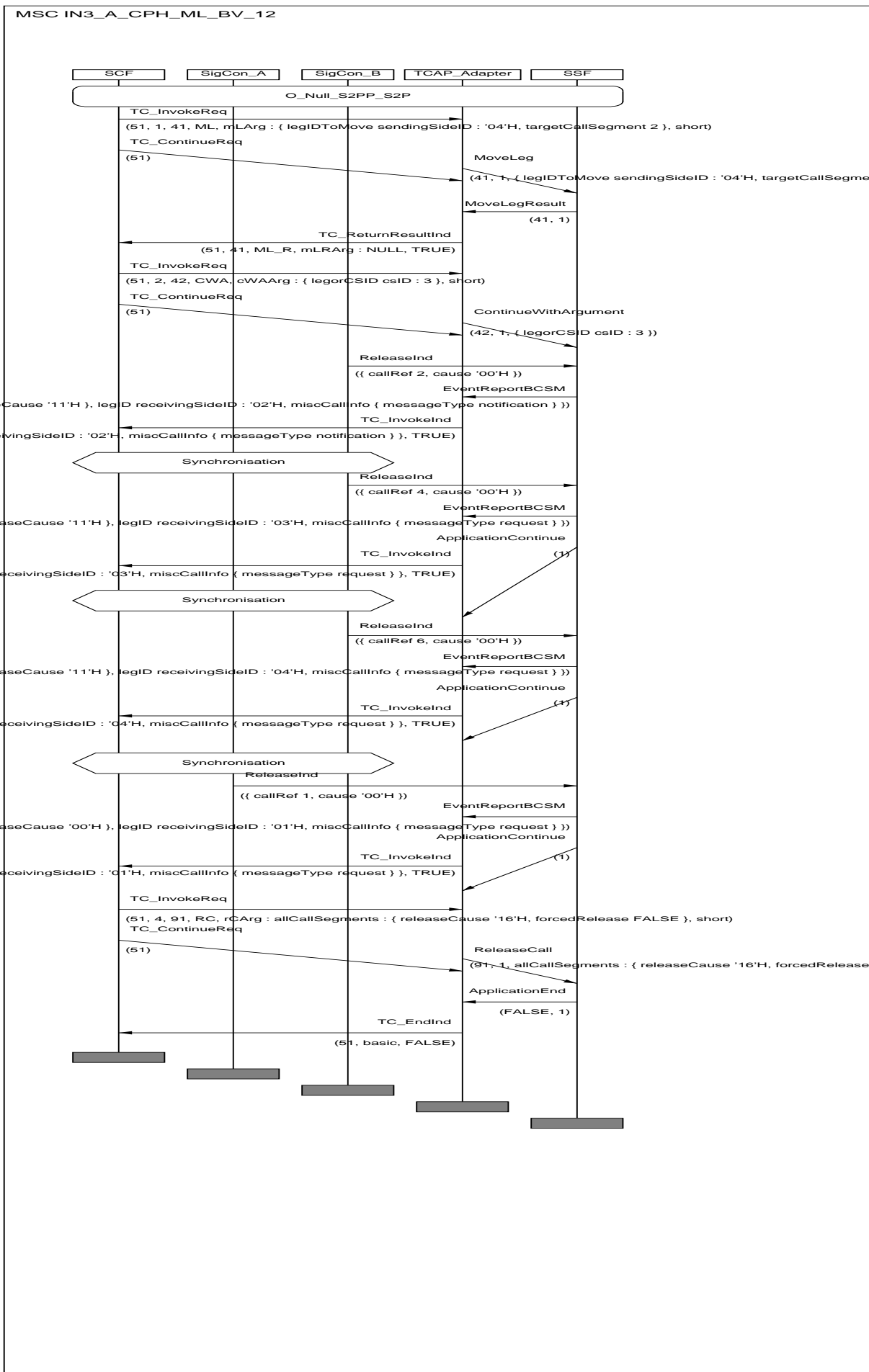


IN3_A_CPH_ML_BV_11	
Work item no.:	ITEM_CPH_218
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_S2P_null, sends a MoveLeg ReturnResult component when having received a MoveLeg invoke component with legIDToMove=3 (in CS2/Stable_2_Party state) and the targetCS parameter being not contained in the component (default "InitialCS" applies).
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MoveLeg(3,) (the targetCS parameter is not contained in the component)
Pass criteria	L1?MoveLeg ReturnResult
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ML_BV_11



IN3_A_CPH_ML_BV_12	
Work item no.:	ITEM_CPH_219
IN2 Ref(tmp)	IN2_A_CPH_ML_BV_03
Purpose:	Verify that the SSF keeps the event detection points armed on all legs after performing the MoveLeg operation.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	L1!MoveLeg(4,2) L1?MoveLeg ReturnResult L1!ContinueWithArgument (csID = 3) CP1_2!ReleaseInd(Normal clearing) L1?EventReportBCSM(2,oDisconnect) CP1_3!ReleaseInd(Normal clearing) L1?EventReportBCSM(3,oDisconnect) CP1_4!ReleaseInd(Normal clearing) L1?EventReportBCSM(4,oDisconnect) CP1_1!ReleaseInd(Normal clearing) L1?EventReportBCSM(1,oDisconnect) L1!ReleaseCall(allCallSegments)
Pass criteria	4 ERBs received (the event reports have been requested in the preamble)
Postamble:	None

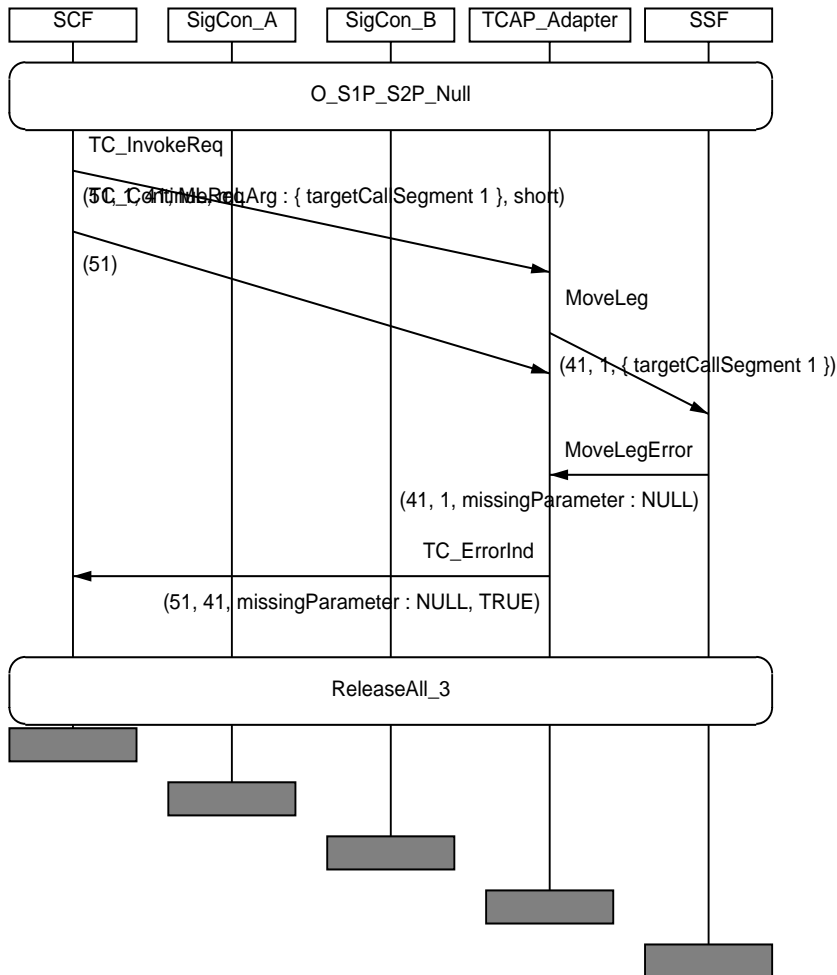


IN3_A_CPH_ML_BV_13	
Work item no.:	ITEM_CPH_220
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF keeps all outstanding CallInformationReports requested after performing the MoveLeg operation.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	L1!MoveLeg(4,2) L1?MoveLeg ReturnResult L1!CallInformationRequest(1) L1!CallInformationRequest(2) L1!CallInformationRequest(3) L1!CallInformationRequest(4) L1!ContinueWithArgument(csID=2) L1!ContinueWithArgument(csID=3) CP1_2!ReleaseInd(Normal clearing) L1?EventReportBCSM(2,oDisconnect) L1?CallInformationReport(2) CP1_3!ReleaseInd(Normal clearing) L1?CallInformationReport(3) L1?EventReportBCSM(3,oDisconnect) CP1_4!ReleaseInd(Normal clearing) L1?CallInformationReport(4) L1?EventReportBCSM(4,oDisconnect) CP1_1!ReleaseInd(Normal clearing) L1?CallInformationReport(1) L1?EventReportBCSM(1,oDisconnect) L1!ContinueWithArgument(legID=1) L1!ContinueWithArgument(legID=4) L1!ContinueWithArgument(legID=3)
Pass criteria	The 4 pairs of ERB and CIRP received The pairs ERB and CIRP must appear in the indicated order.
Postamble:	None

IN3_A_CPH_ML_BV_14	
Work item no.:	ITEM_CPH_221
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF keeps all outstanding ApplyCharging Reports requested after performing the MoveLeg operation.
Requirements refs	6.6.3.4.2., 6.6.3.4.3., 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.31.1, 11.31.1.1.1, 11.31.3.1 (tables 28 and 29)
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	L1!MoveLeg(4,2) L1?MoveLeg ReturnResult L1!ApplyChargingRequest(1) L1!ApplyChargingRequest(2) L1!ApplyChargingRequest(3) L1!ApplyChargingRequest(4) L1!ContinueWithArgument(csID=2) L1!ContinueWithArgument(csID=3) CP1_2!ReleaseInd(Normal clearing) L1?EventReportBCSM(2,oDisconnect) L1?ApplyChargingReport(2) CP1_3!ReleaseInd(Normal clearing) L1?ApplyChargingReport(3) L1?EventReportBCSM(3,oDisconnect) CP1_4!ReleaseInd(Normal clearing) L1?ApplyChargingReport(4) L1?EventReportBCSM(4,oDisconnect) CP1_1!ReleaseInd(Normal clearing) L1?ApplyChargingReport(1) L1?EventReportBCSM(1,oDisconnect) L1!ContinueWithArgument(legID=1) L1!ContinueWithArgument(legID=4) L1!ContinueWithArgument(legID=3)
Pass criteria	The 4 ApplyCharging Reports received (the corresponding pairs of ERBs and ApplyCharging Reports must appear in the indicated order)
Postamble:	None

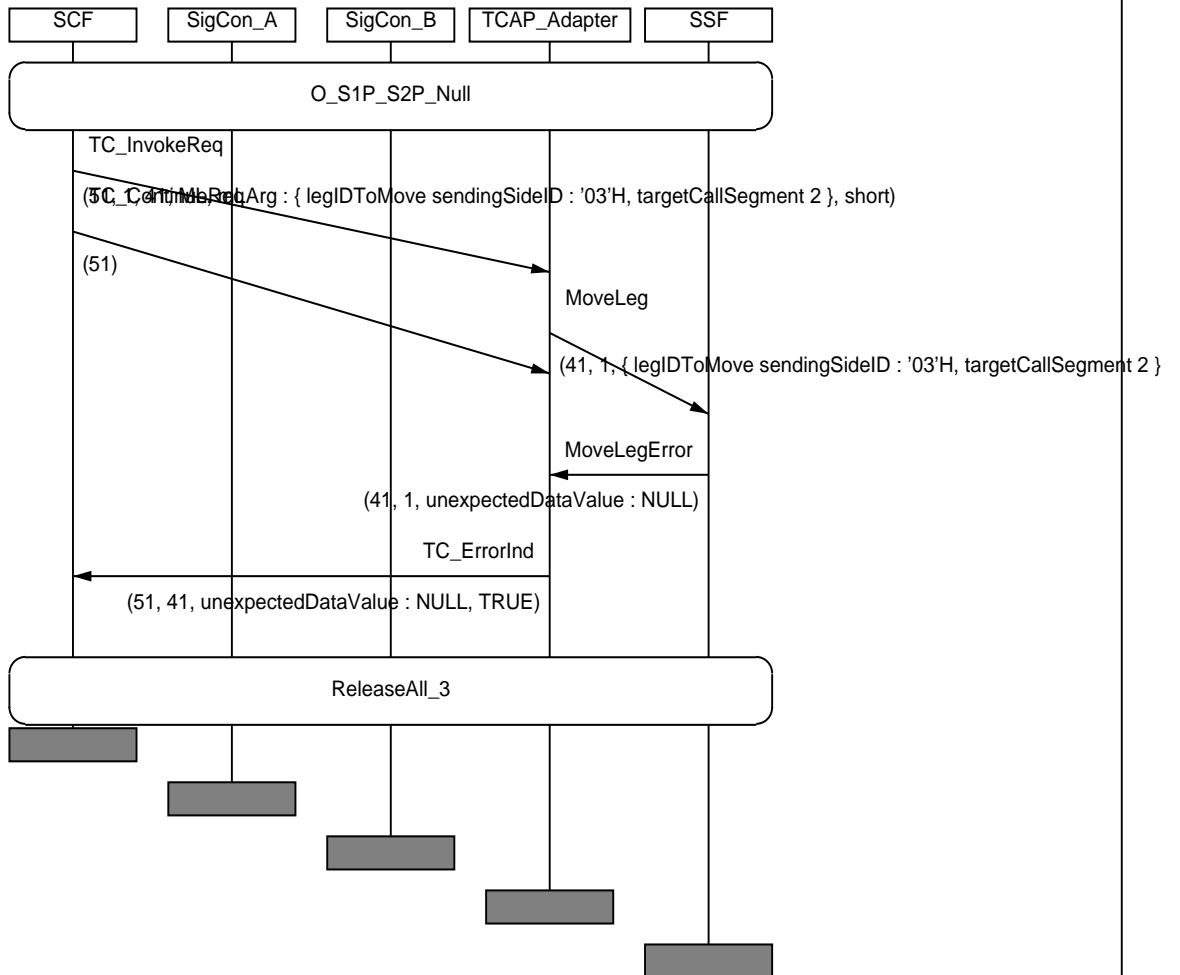
	IN3_A_CPH_ML_BI_01
Work item no.:	ITEM_CPH_229
IN2 Ref(tmp)	IN2_A_CPH_ML_BI_01
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (missingParameter) when having received a MoveLeg invoke component and the legIDToMove parameter is not contained in the invoke component.
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MoveLeg(.1) (The legIDToMove parameter is not contained in the invoke component)
Pass criteria	L1?MoveLeg ReturnError(missingParameter)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ML_BI_01



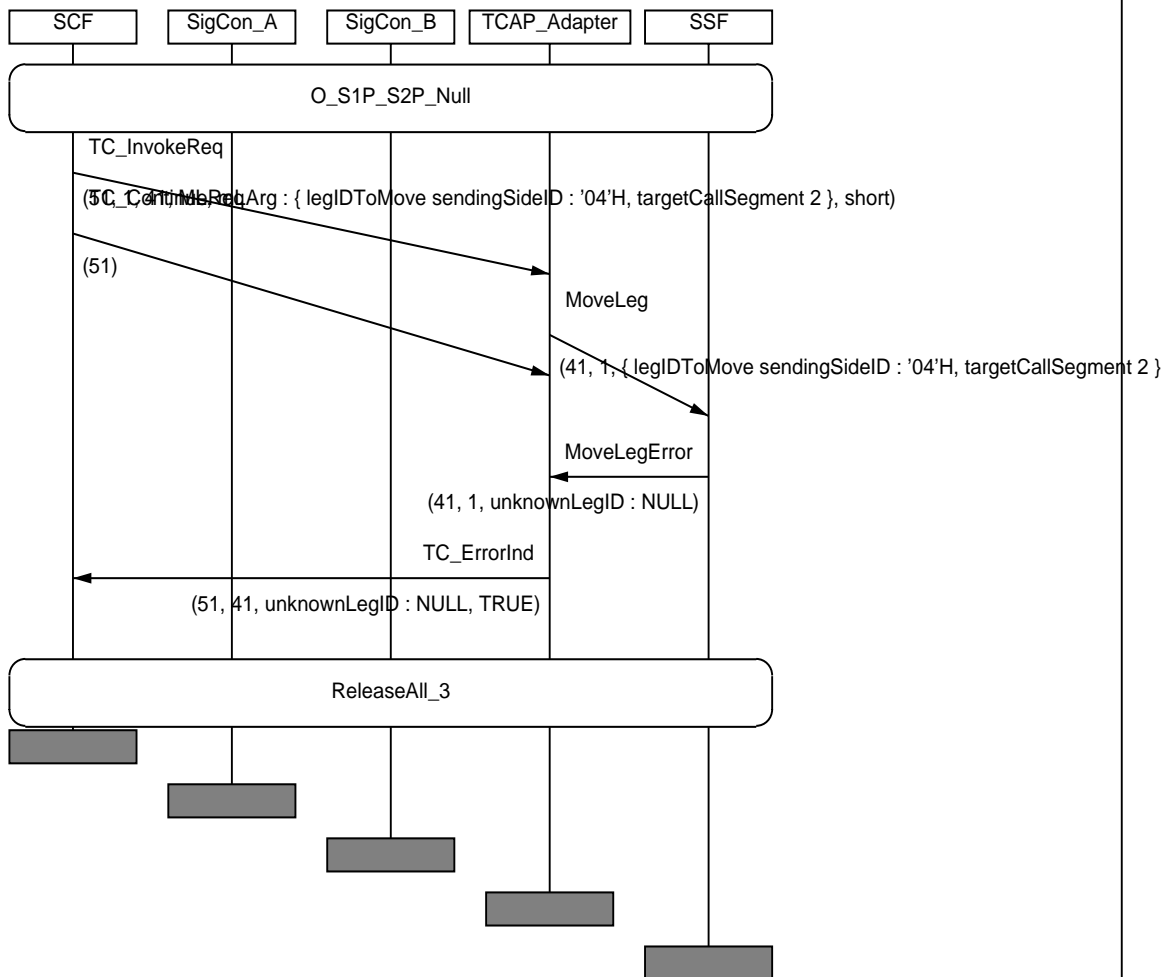
IN3_A_CPH_ML_BI_02	
Work item no.:	ITEM_CPH_230
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (unexpectedDataValue) when having received a MoveLeg invoke component and the legIDToMove parameter defines a leg being contained in the CS indicated by the targetCS parameter.
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MoveLeg(3,2)
Pass criteria	L1?MoveLeg ReturnError(unexpectedDataValue)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ML_BI_02



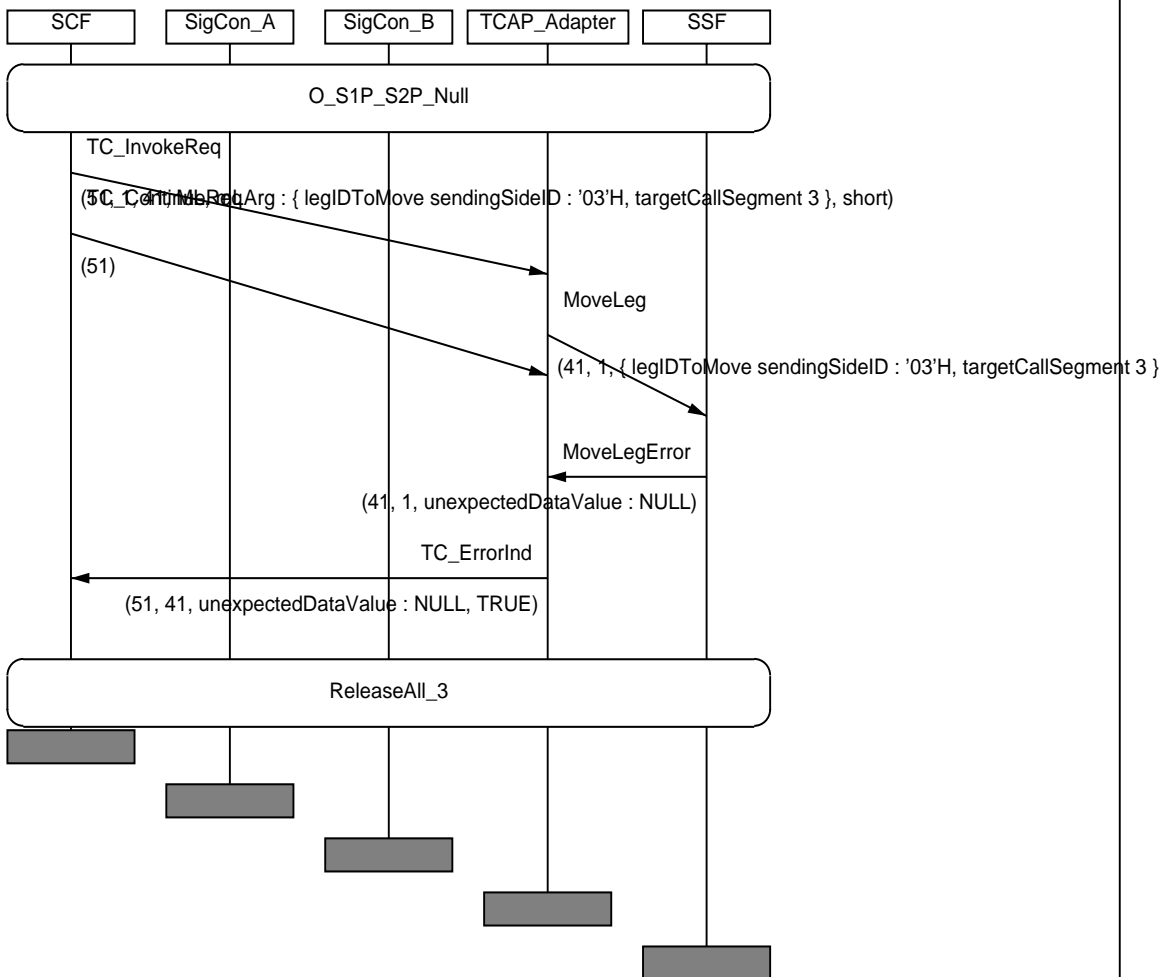
IN3_A_CPH_ML_BI_03	
Work item no.:	ITEM_CPH_231
IN2 Ref(tmp)	IN2_A_CPH_ML_BI_01
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (unknownLegID) when having received a MoveLeg invoke component and the legIDToMove parameter has a value not belonging to an existing leg.
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MoveLeg(4,2)
Pass criteria	L1?MoveLeg ReturnError(unknownLegID)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ML_BI_03



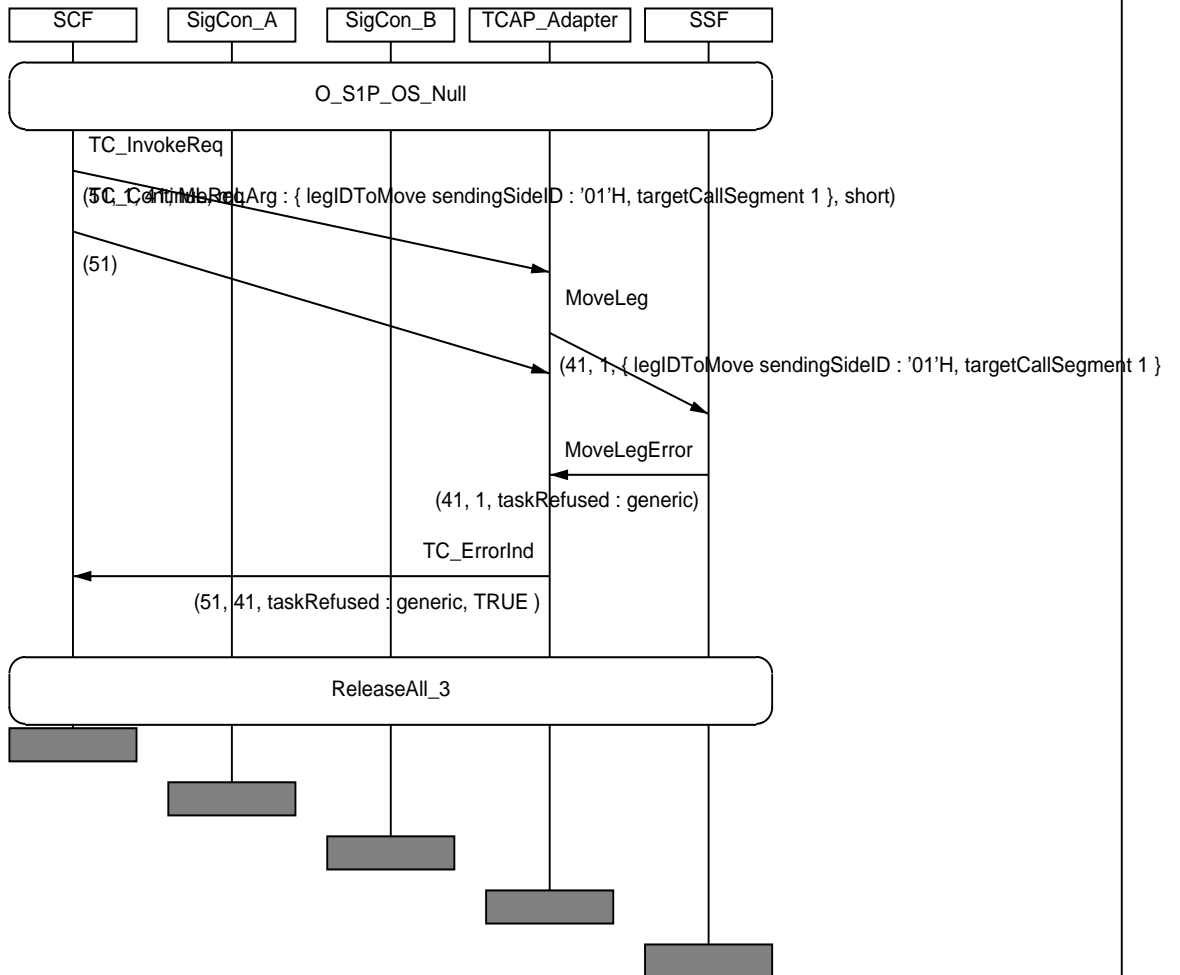
IN3_A_CPH_ML_BI_04	
Work item no.:	ITEM_CPH_232
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (unexpectedDataValue) when having received a MoveLeg invoke component and the targetCS parameter has a value not belonging to an existing CS.
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!MoveLeg(3,3)
Pass criteria	L1?MoveLeg ReturnError(unexpectedDataValue)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ML_BI_04



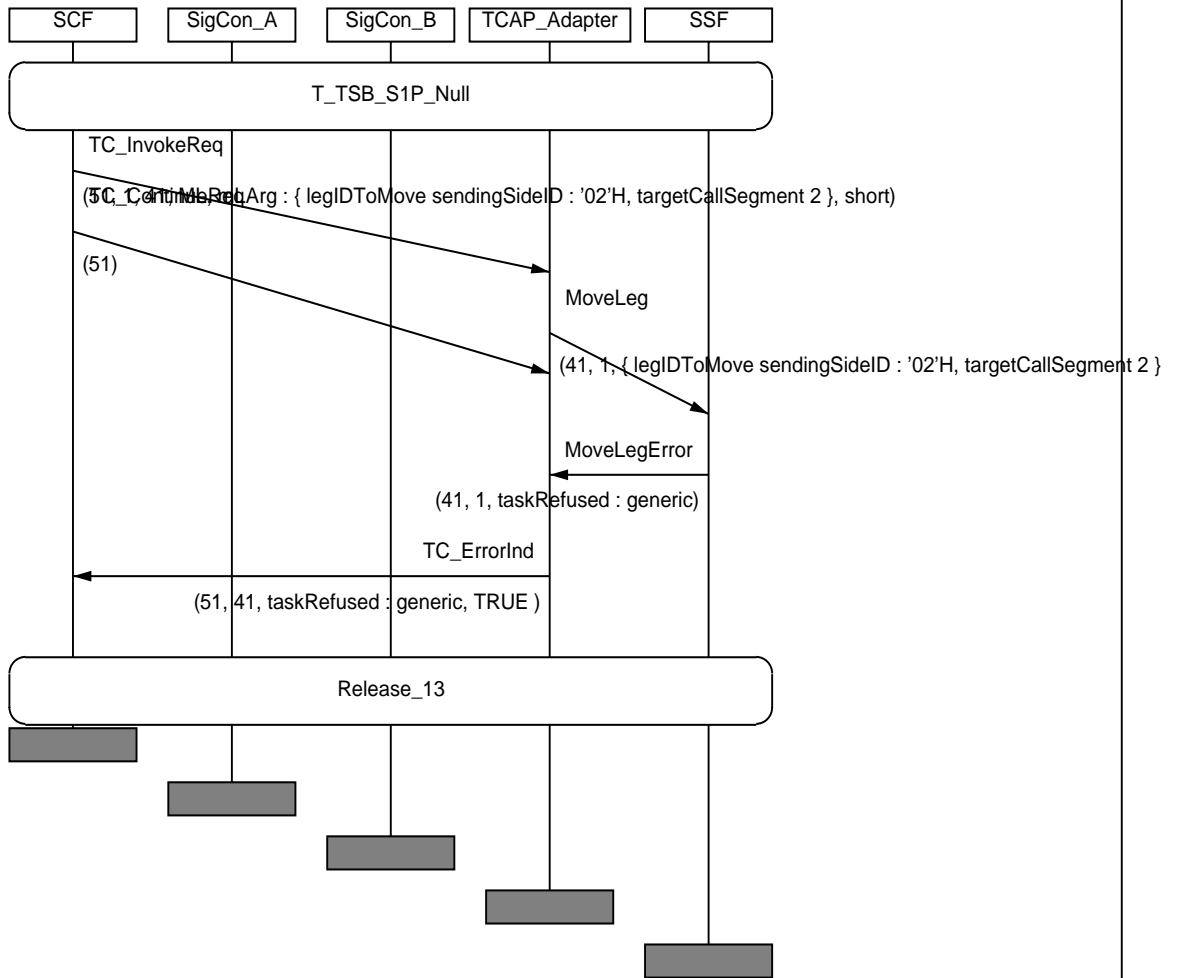
IN3_A_CPH_ML_BO_01	
Work item no.:	ITEM_CPH_222
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (taskRefused) when having received a MoveLeg invoke component with the CS of the legIDToMove (controlling) being in the Originating_Setup state, without call processing being suspended at one of the state-compatible DPs (invalid), and the targetCS being in the Stable_1_Party state.
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_OS_null
Test description	L1!MoveLeg(1,1)
Pass criteria	L1?MoveLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ML_BO_01



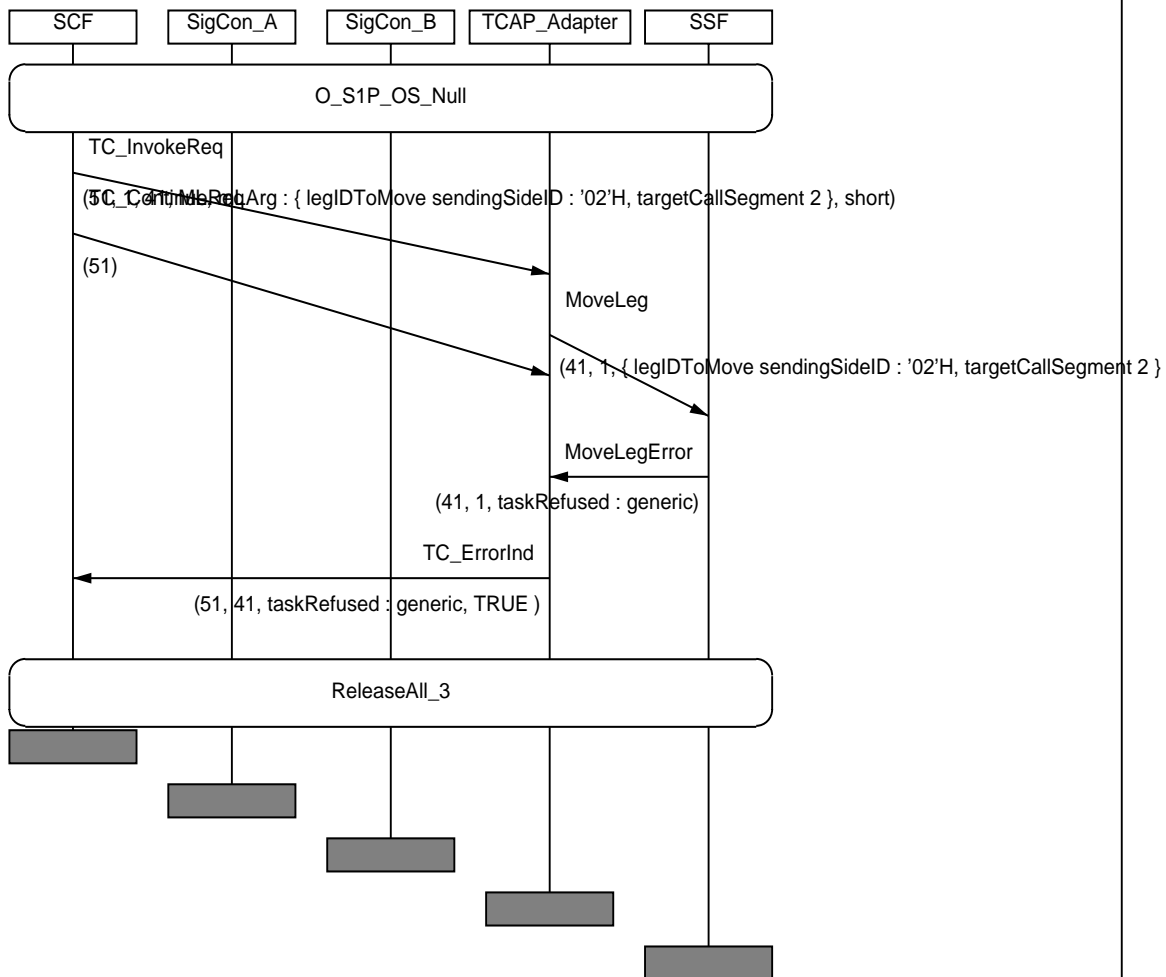
IN3_A_CPH_ML_BO_02	
Work item no.:	ITEM_CPH_223
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (taskRefused) when having received a MoveLeg invoke component with the CS of the legIDToMove (controlling) being in the Terminating_Setup state (invalid) and the targetCS being in the Stable_1_Party state.
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_TSB_S1P_null
Test description	L1!MoveLeg(2,2)
Pass criteria	L1?MoveLeg ReturnError(taskRefused)
Postamble:	Release_13

MSC IN3_A_CPH_ML_BO_02



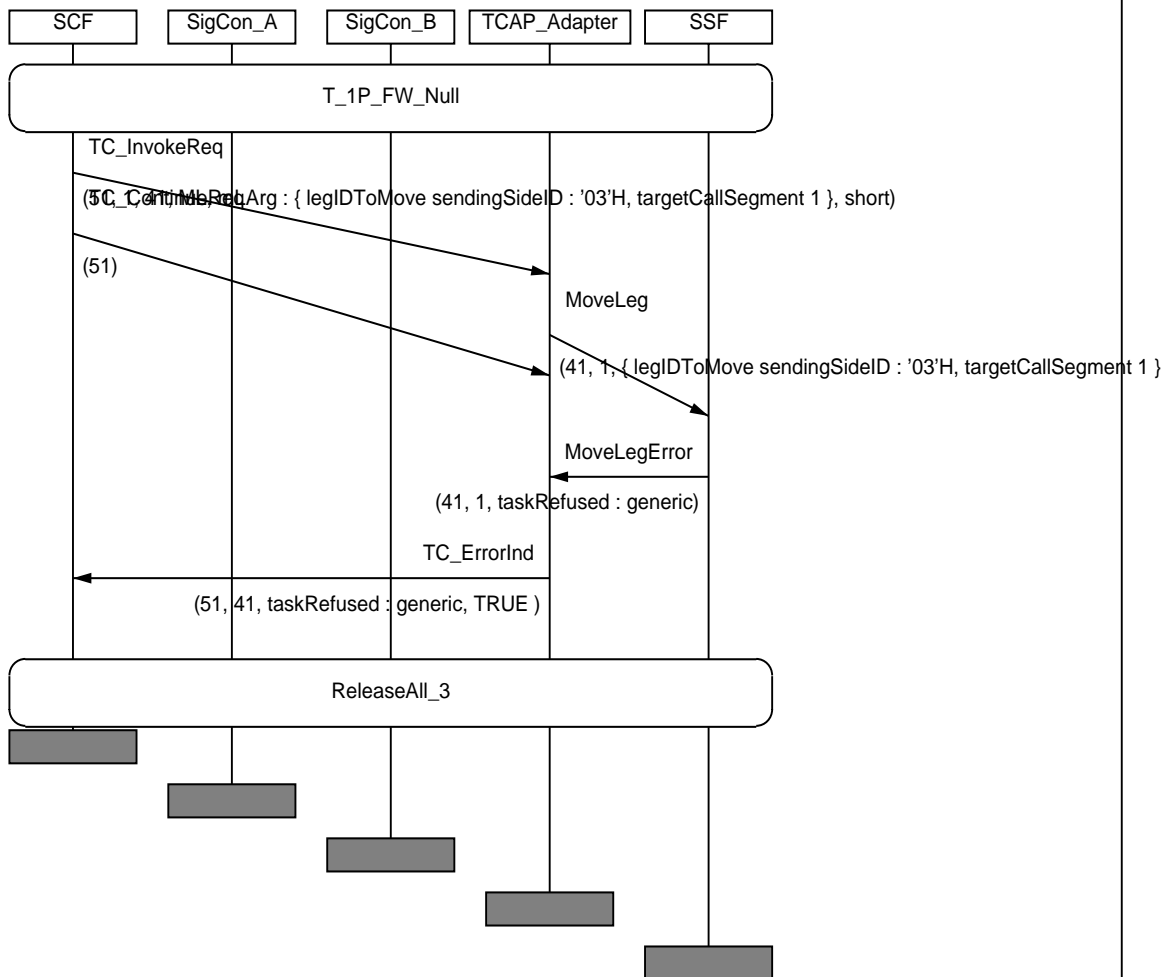
IN3_A_CPH_ML_BO_03	
Work item no.:	ITEM_CPH_224
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (taskRefused) when having received a MoveLeg invoke component with the CS of the legIDToMove (passive) being in the Stable_1_Party state and the targetCS being in the Originating_Setup state, without call processing being suspended at one of the state-compatible DPs (invalid).
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_OS_null
Test description	L1!MoveLeg(2,2)
Pass criteria	L1?MoveLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ML_BO_03



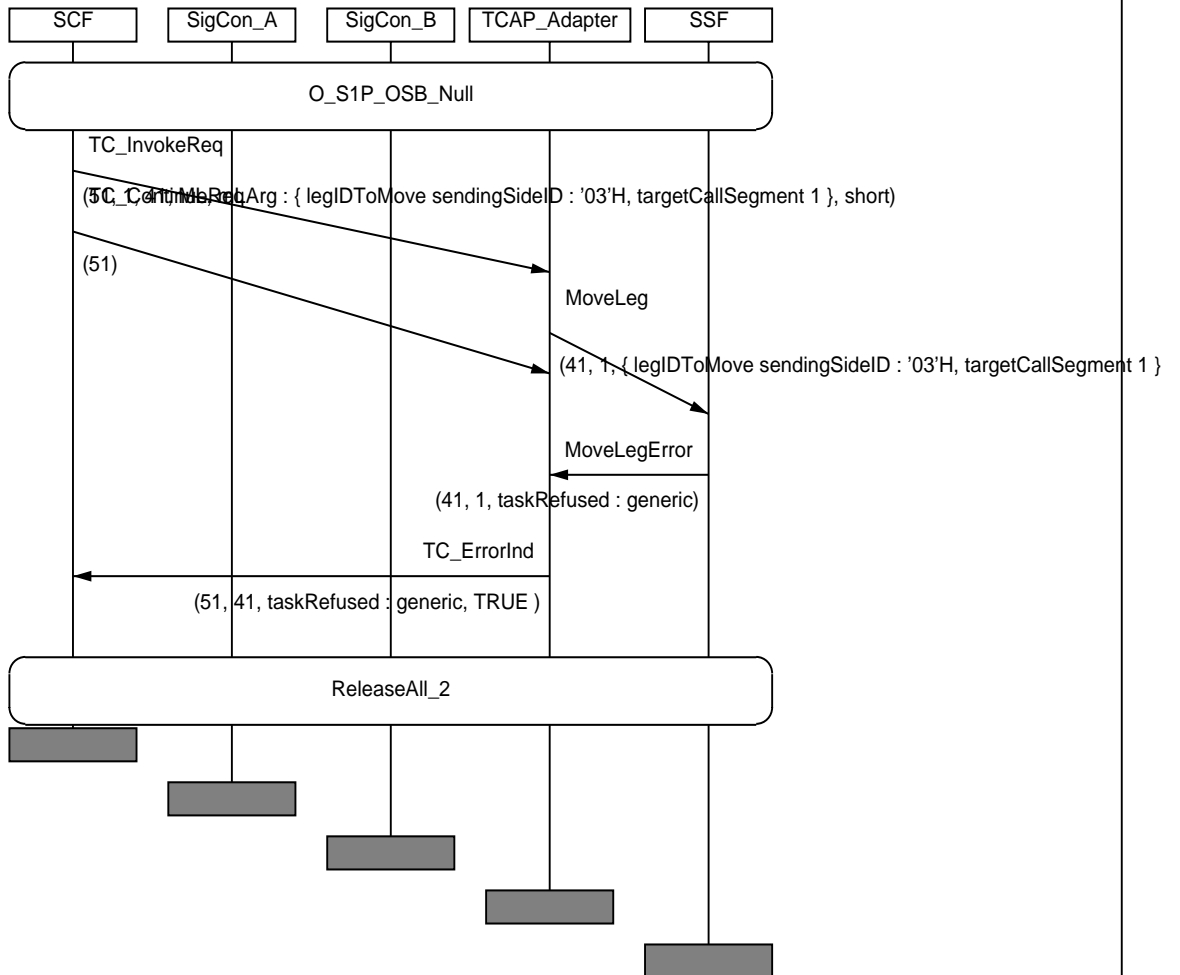
IN3_A_CPH_ML_BO_04	
Work item no.:	ITEM_CPH_225
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (taskRefused) when having received a MoveLeg invoke component with the CS of the legIDToMove (passive,pending) being in the Forward state (invalid) and the targetCS being in the 1_Party state.
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_1P_FW_null
Test description	L1!MoveLeg(3,1)
Pass criteria	L1?MoveLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ML_BO_04



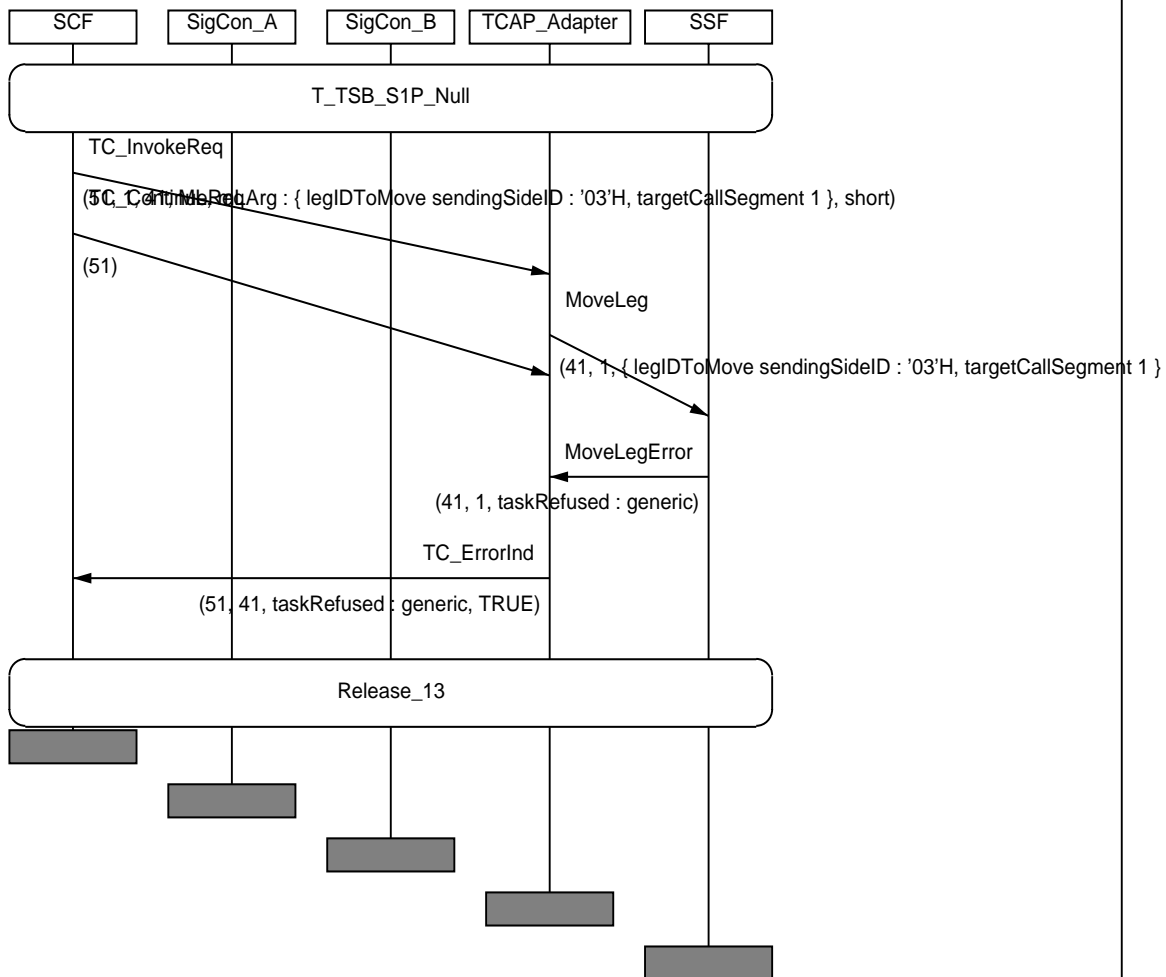
IN3_A_CPH_ML_BO_05	
Work item no.:	ITEM_CPH_226
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (taskRefused) when having received a MoveLeg invoke component with the CS of the legIDToMove (passive) being in the Originating_Setup state (waiting for instructions in the O_Called_Party_Busy DP) and the targetCS being in the Stable_1_Party state.
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_OSB_null
Test description	L1!MoveLeg(3,1)
Pass criteria	L1?MoveLeg ReturnError(taskRefused)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_ML_BO_05



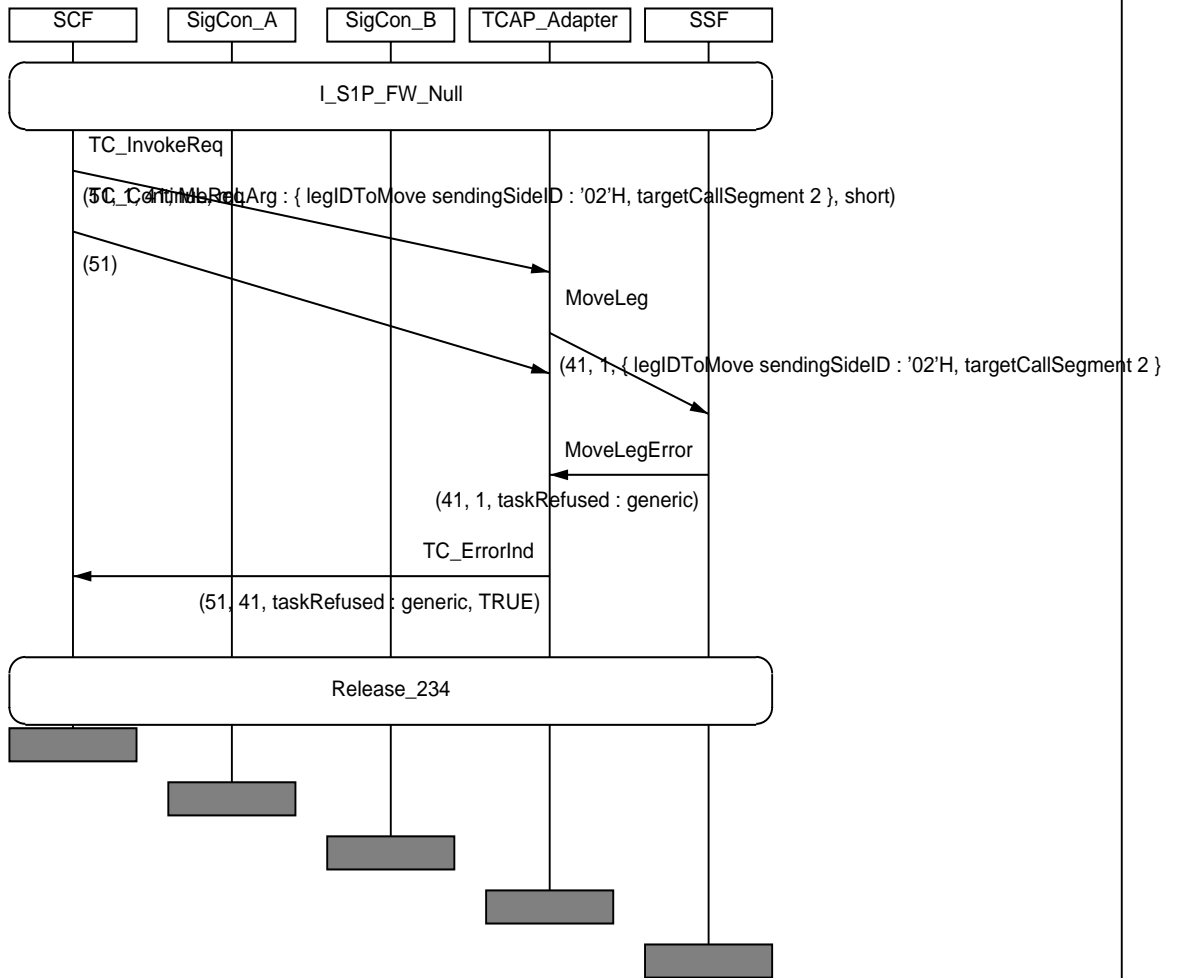
IN3_A_CPH_ML_BO_06	
Work item no.:	ITEM_CPH_227
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (taskRefused) when having received a MoveLeg invoke component with the CS of the legIDToMove (passive) being in the Stable_1_Party state and the targetCS being in the Terminating_Setup state (invalid).
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_TSB_S1P_null
Test description	L1!MoveLeg(3,1)
Pass criteria	L1?MoveLeg ReturnError(taskRefused)
Postamble:	Release_13

MSC IN3_A_CPH_ML_BO_06



IN3_A_CPH_ML_BO_07	
Work item no.:	ITEM_CPH_228
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a MoveLeg ReturnError component (taskRefused) when having received a MoveLeg invoke component with the CS of the legIDToMove (passive) being in the Stable_1_Party state and the targetCS being in the Forward state (invalid).
Requirements refs	11.31.1, 11.31.1.1.1, 11.31.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_FW_null
Test description	L1!MoveLeg(2,2)
Pass criteria	L1?MoveLeg ReturnError(taskRefused)
Postamble:	Release_234

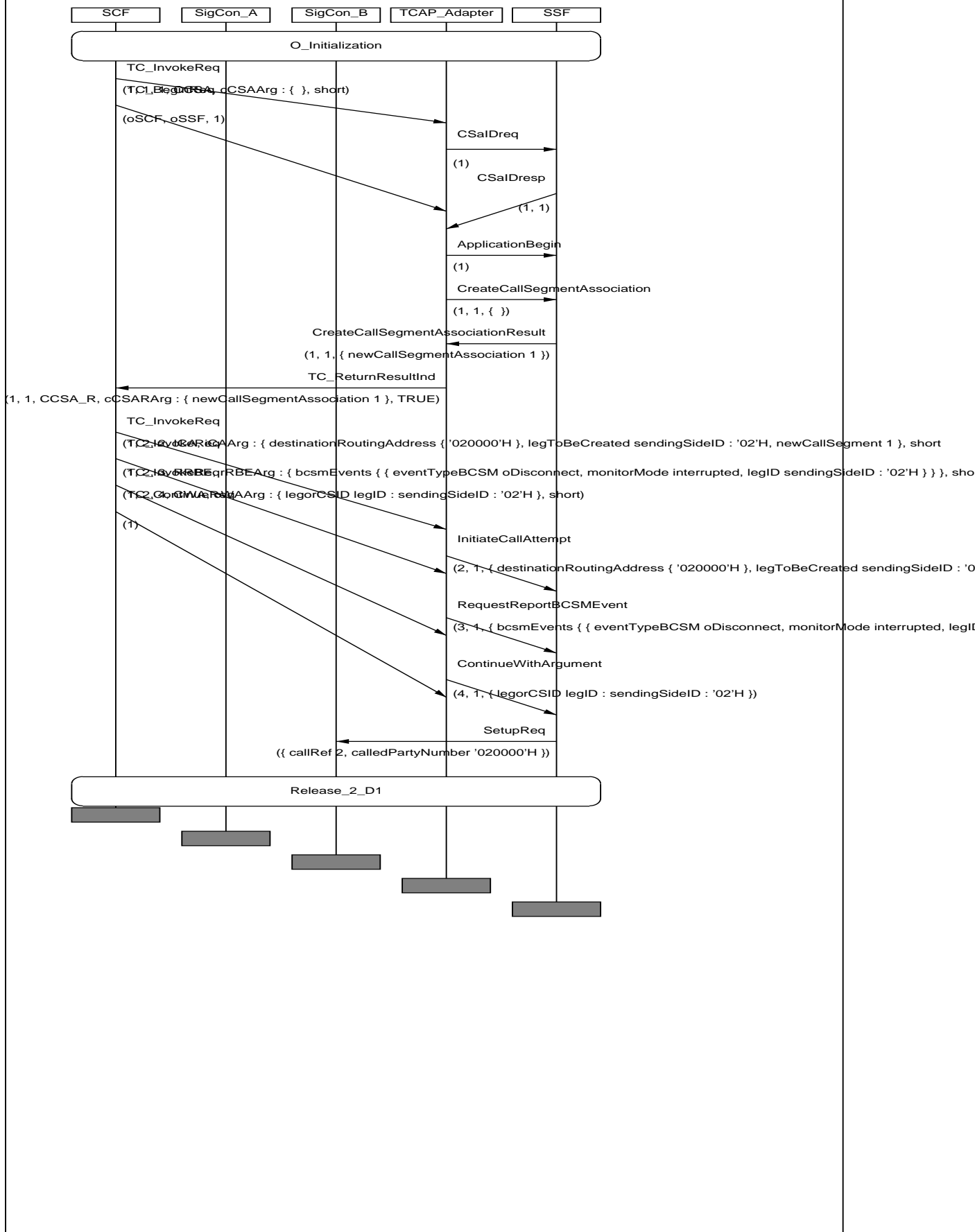
MSC IN3_A_CPH_ML_BO_07



8.8 CreateCallSegmentAssociation (CCSA) procedure

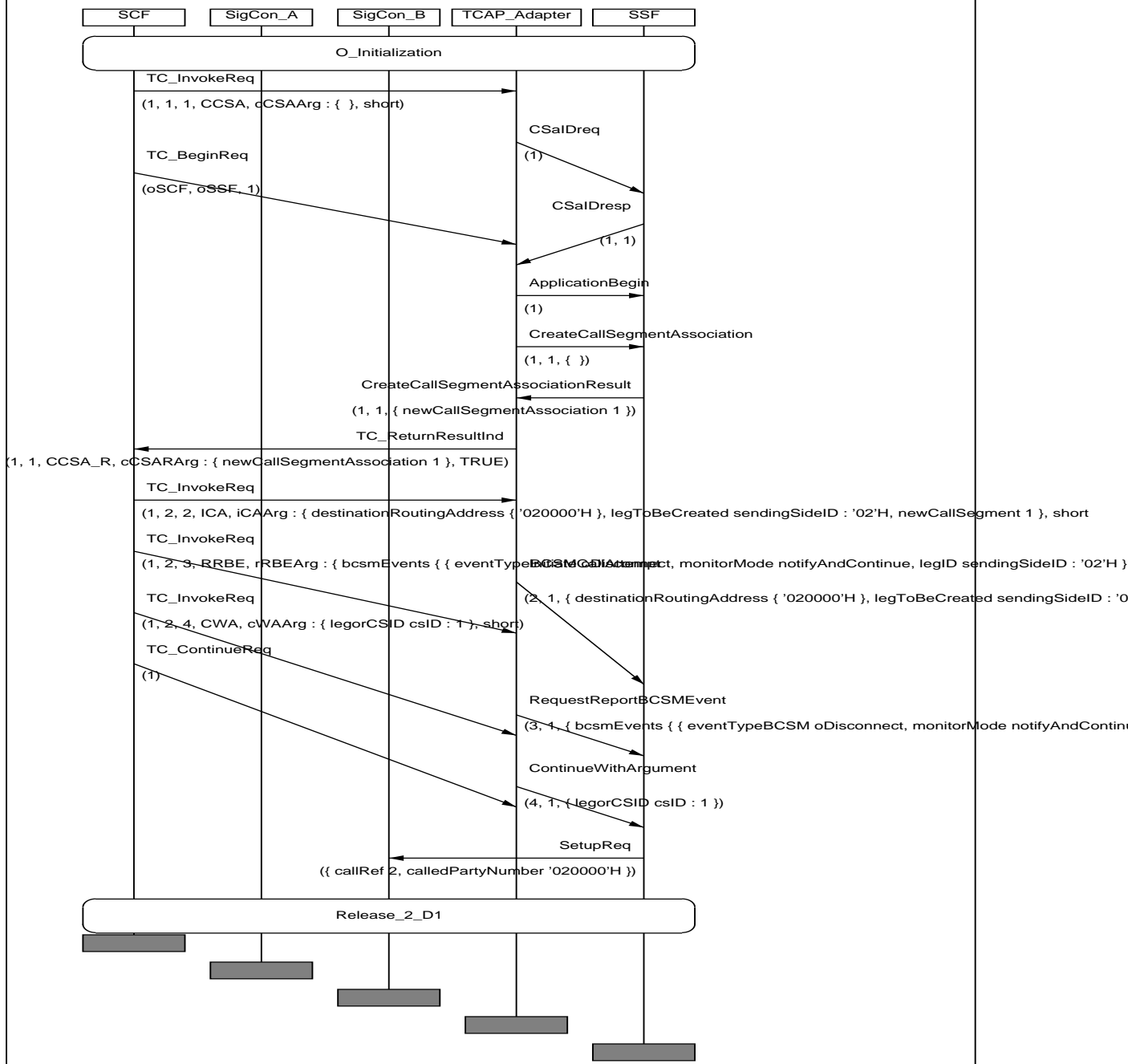
IN3_A_CPH_CCSA_BV_01	
Work item no.:	ITEM_CPH_233
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a CreateCallSegmentAssociation ReturnResult component containing the newCsaID when having received a CreateCallSegmentAssociation invoke component from the SCF with a TC-BEGIN indication primitive.
Requirements refs	8.2.1, 8.2.1.1, 8.2.1.2, 11.16.1, 11.16.1.1, 11.16.3.1
Selection Cond.	
Preamble:	O_null
Test description	L1!CreateCallSegmentAssociation (sent in TC-BEGIN) L1?CreateCallSegmentAssociation ReturnResult(newCsaID) L1!InitiateCallAttempt(2,1) L1!RequestReportBCSMEEvent(2,interrupted,oDisconnect) L1!ContinueWithArgument(legID=2) CP1_2?SetUpReq
Pass criteria	L1?CreateCallSegmentAssociation ReturnResult(newCsaID)
Postamble:	Release_2

MSC IN3_A_CPH_CCSA_BV_01

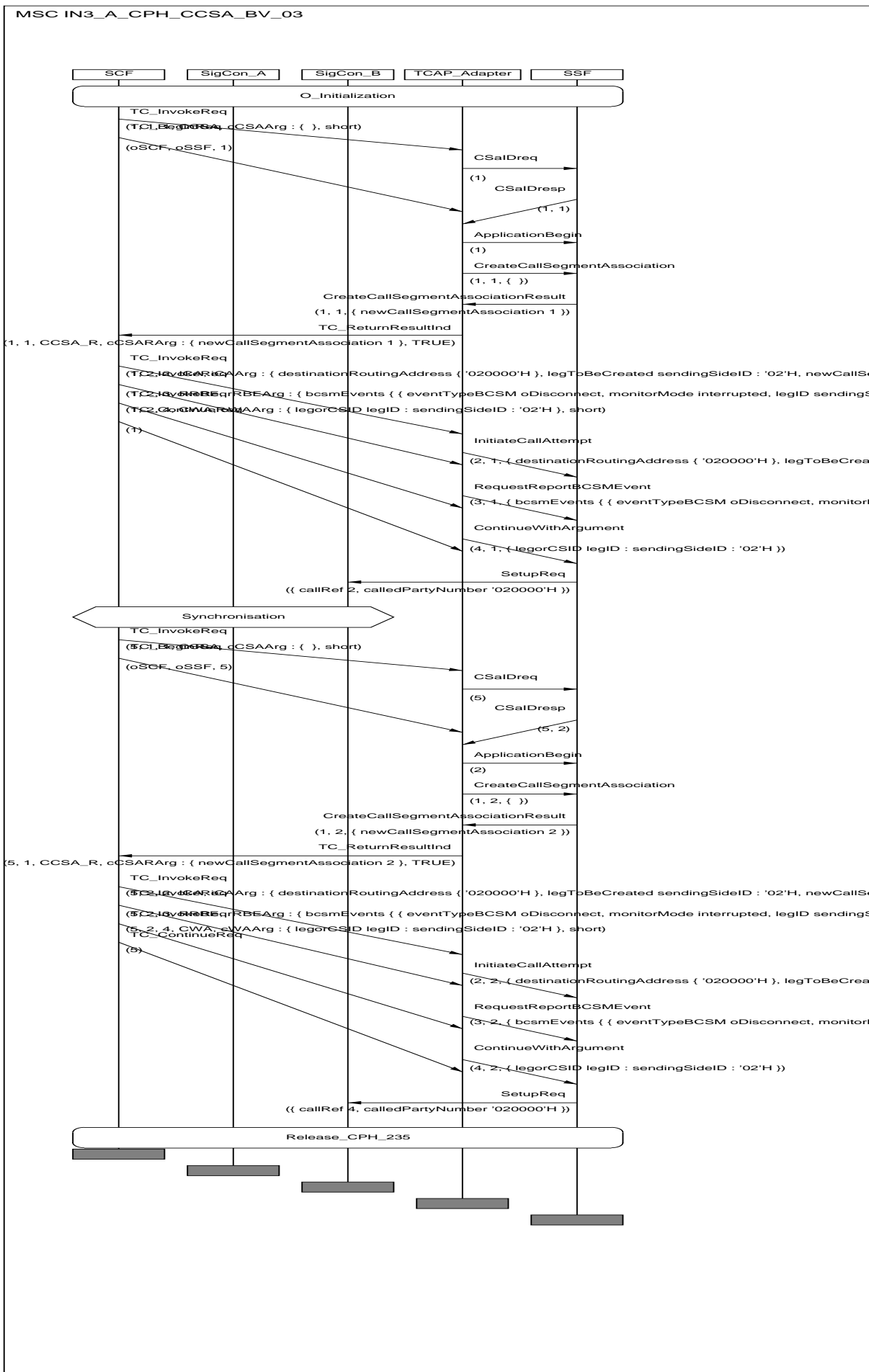


IN3_A_CPH_CCSA_BV_02	
Work item no.:	ITEM_CPH_234
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends a SetupReq signal from the related SigCon, after having performed the CreateCallSegmentAssociation procedure for csalD and having received an InitiateCallAttempt within the context of this CSA.
Requirements refs	8.2.1, 8.2.1.1, 8.2.1.2, 11.16.1, 11.16.1.1, 11.16.3.1
Selection Cond.	
Preamble:	O_null
Test description	L1!CreateCallSegmentAssociation (sent in TC-BEGIN) L1?CreateCallSegmentAssociation ReturnResult(newCsaID) L1!InitiateCallAttempt(2,1) L1!RequestReportBCSMEvent(2,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(csID=1)
Pass criteria	CP1_2?SetUpReq
Postamble:	Release_2

MSC IN3_A_CPH_CCSA_BV_02

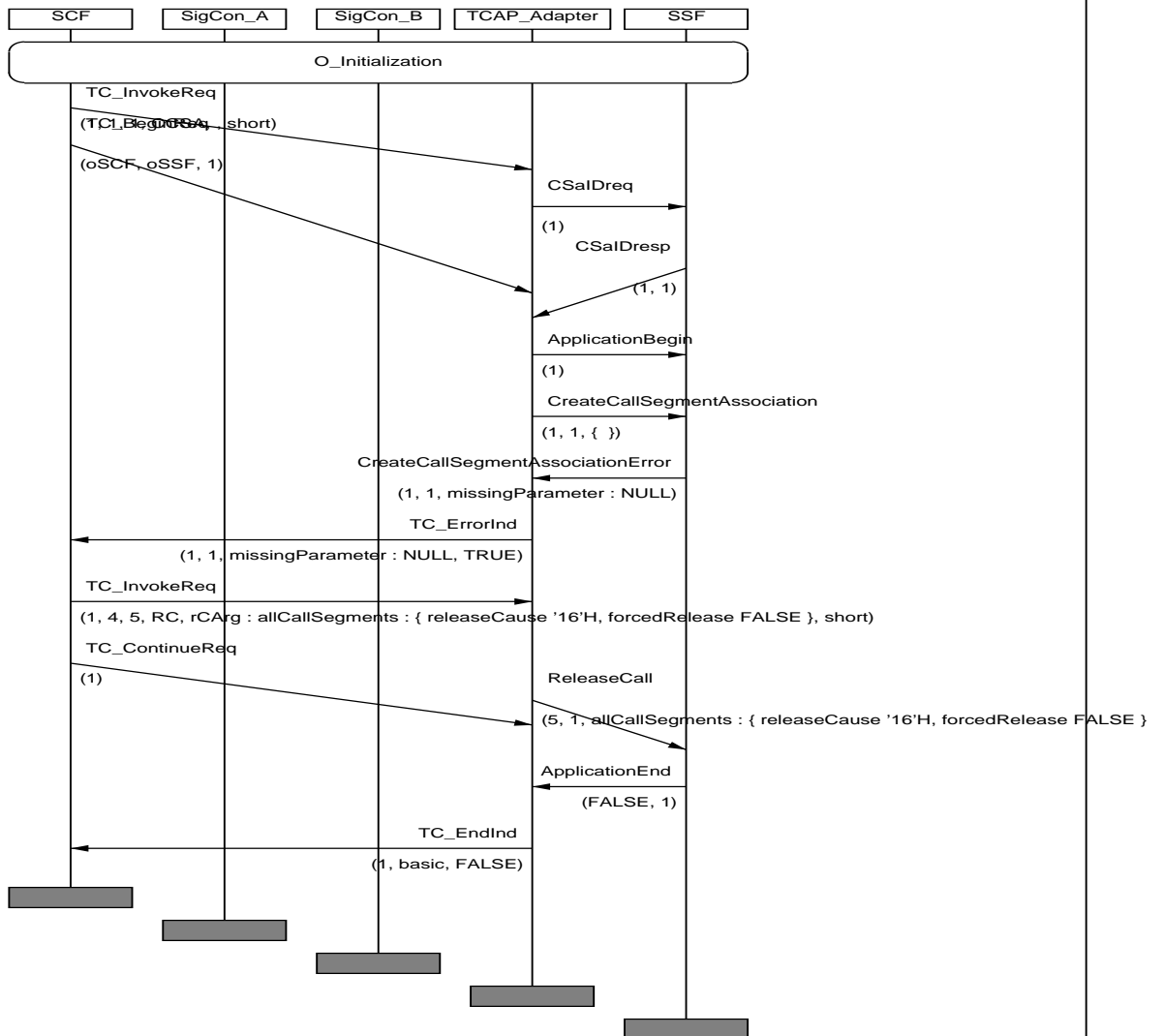


IN3_A_CPH_CCSA_BV_03	
Work item no.:	ITEM_CPH_235
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having performed the CreateCallSegmentAssociation procedure for csalD1, sends a CreateCallSegmentAssociation ReturnResult component containing the newCsaID, not being equal to csalD1, when having received a further CreateCallSegmentAssociation invoke component from the SCF.
Requirements refs	8.2.1, 8.2.1.1, 8.2.1.2, 11.16.1, 11.16.1.1, 11.16.3.1
Selection Cond.	
Preamble:	O_null
Test description	L1!CreateCallSegmentAssociation (sent in TC-BEGIN, dialogID1) L1?CreateCallSegmentAssociation ReturnResult(newCsaID1) L1!InitiateCallAttempt(2,1) L1!RequestReportBCSMEEvent(2,interrupted,oDisconnect) L1!ContinueWithArgument(legID=2) CP1_2?SetUpReq L2!CreateCallSegmentAssociation (sent in TC-BEGIN) L2?CreateCallSegmentAssociation ReturnResult(newCsaID2) newCsaID2 <> newCsaID1 L2!InitiateCallAttempt(2,1) L2!RequestReportBCSMEEvent(2,interrupted,oDisconnect) L2!ContinueWithArgument(legID=2) CP2_2?SetUpReq
Pass criteria	L2?CreateCallSegmentAssociation ReturnResult(newCsaID2) newCsaID2 <> newCsaID1
Postamble:	L1!ReleaseCall(allCallSegments) CP1_2?ReleaseReq L2!ReleaseCall(allCallSegments) CP2_2?ReleaseReq



IN3_A_CPH_CCSA_BI_01	
Work item no.:	ITEM_CPH_236
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a CreateCallSegmentAssociation ReturnError component (missingParameter) after having received from the SCF a CreateCallSegmentAssociation invoke component without argument.
Requirements refs	8.2.1, 8.2.1.1, 8.2.1.2, 11.16.1, 11.16.1.1, 11.16.3.2, 13.1.12.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_null
Test description	L1!CreateCallSegmentAssociation (component sent in TC-BEGIN with this operation code, but without argument)
Pass criteria	L1?CreateCallSegmentAssociation ReturnError(missingParameter)
Postamble:	L1!ReleaseCall(allCallSegments)

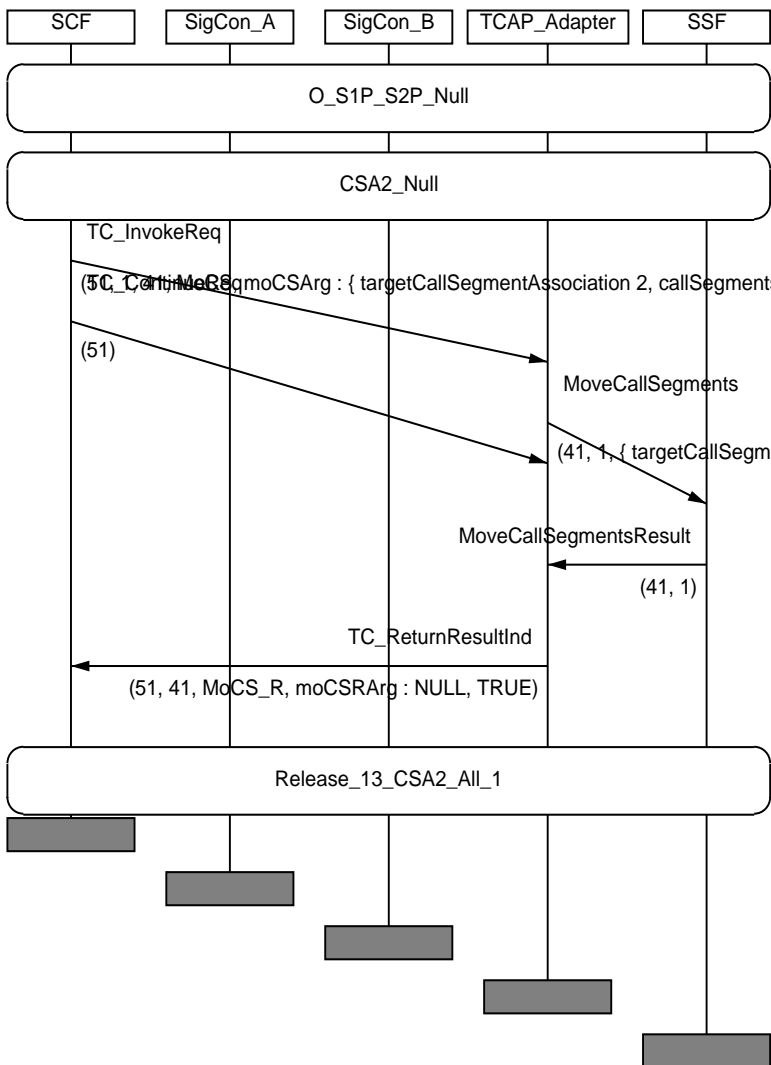
MSC IN3_A_CPH_CCSA_BI_01



8.9 MoveCallSegments (MOCS) procedure

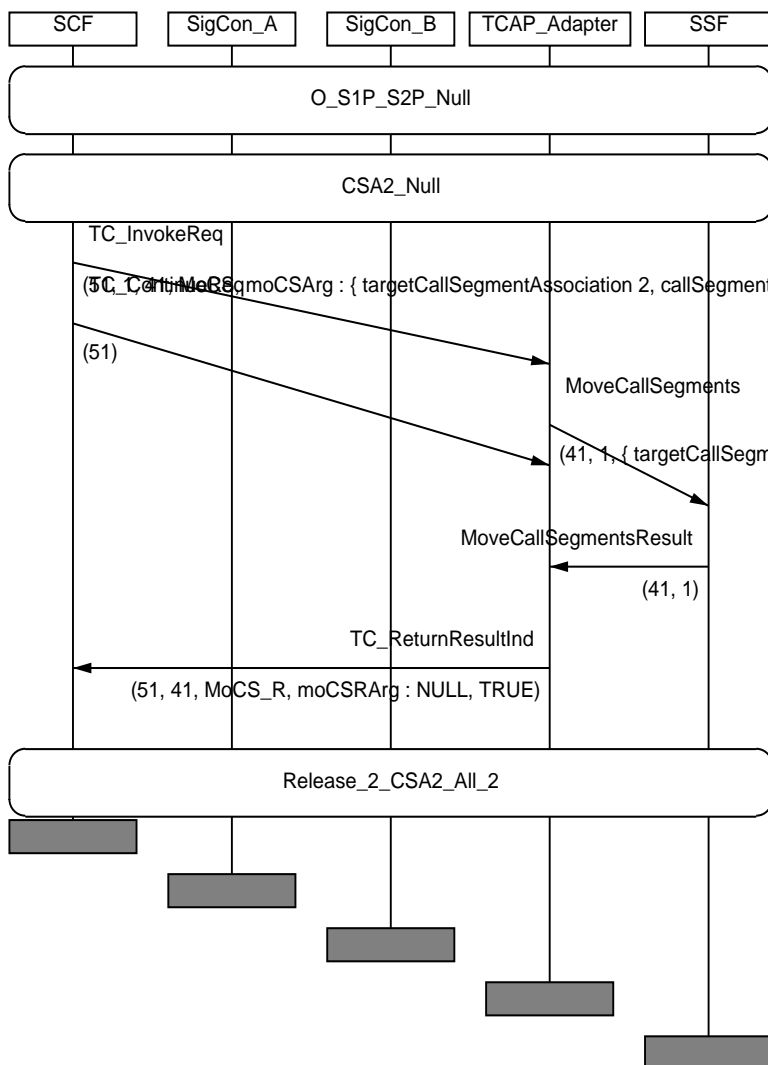
IN3_A_CPH_MOCS_BV_01	
Work item no.:	ITEM_CPH_238
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having no CS in the target CSA, sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, containing no joined or pending controlling leg (CS in Stable_1_Party state).
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	O_S1P_S2P_null CSA2_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 1 }}, legs {{ sourceLeg 2, newLeg 2 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_13_CSA2_All_1

MSC IN3_A_CPH_MOCS_BV_01



IN3_A_CPH_MOCS_BV_02	
Work item no.:	ITEM_CPH_239
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having no CS in the target CSA, sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, containing a joined controlling leg (CS in Stable_2_Party state).
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	O_S1P_S2P_null CSA2_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 2, newCS 1 }}, legs {{ sourceLeg 1, newLeg 1}, { sourceLeg 3, newLeg 2 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_2_CSA2_All_2

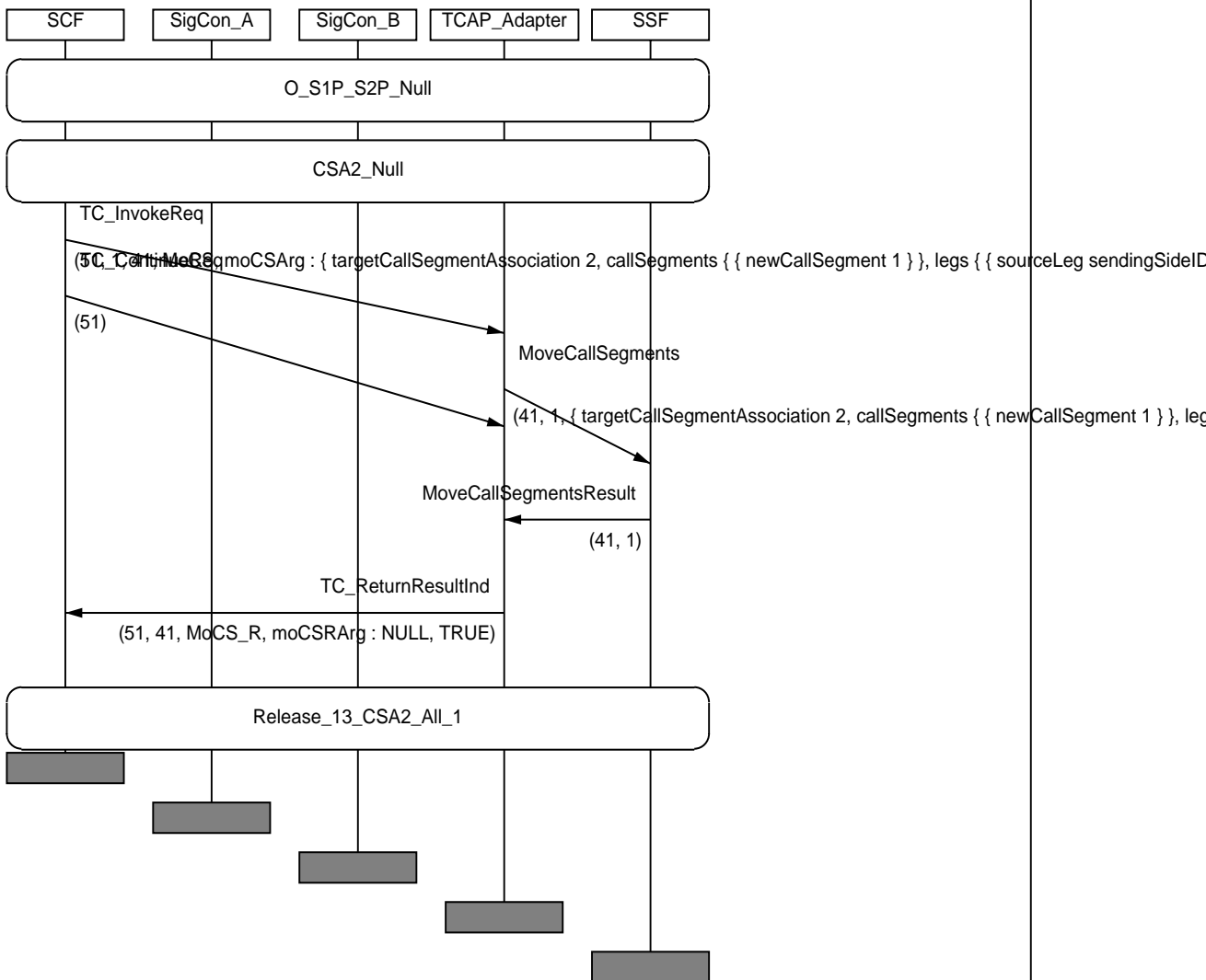
MSC IN3_A_CPH_MOCS_BV_02



IN3_A_CPH_MOCS_BV_03	
Work item no.:	ITEM_CPH_240
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having no CS in the target CSA, sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with the sourceCallSegment parameter value missing (indicating the initialCS to be moved).
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	

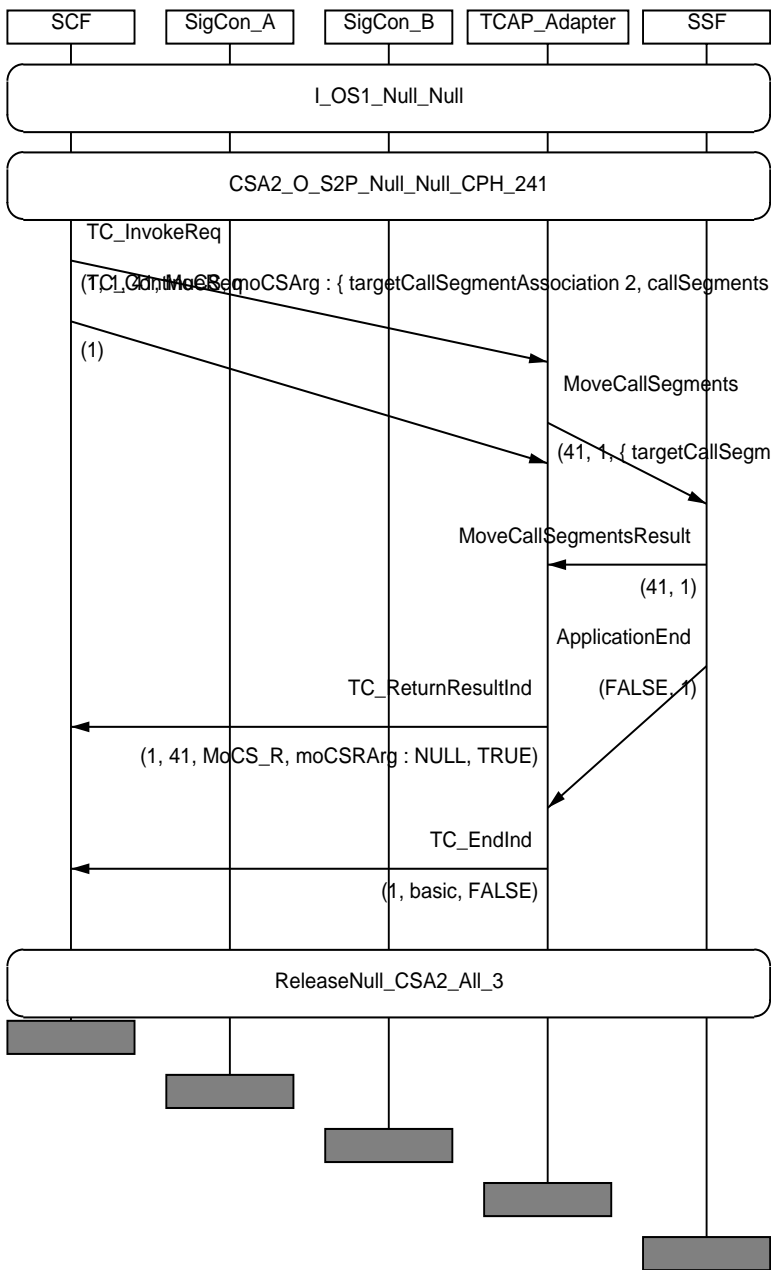
Preamble:	O_S1P_S2P_null CSA2_null
Test description	L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ newCS 1 }}, legs {{ sourceLeg 2, newLeg 2 } } })
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_13_CSA2_All_1

MSC IN3_A_CPH_MOCS_BV_03



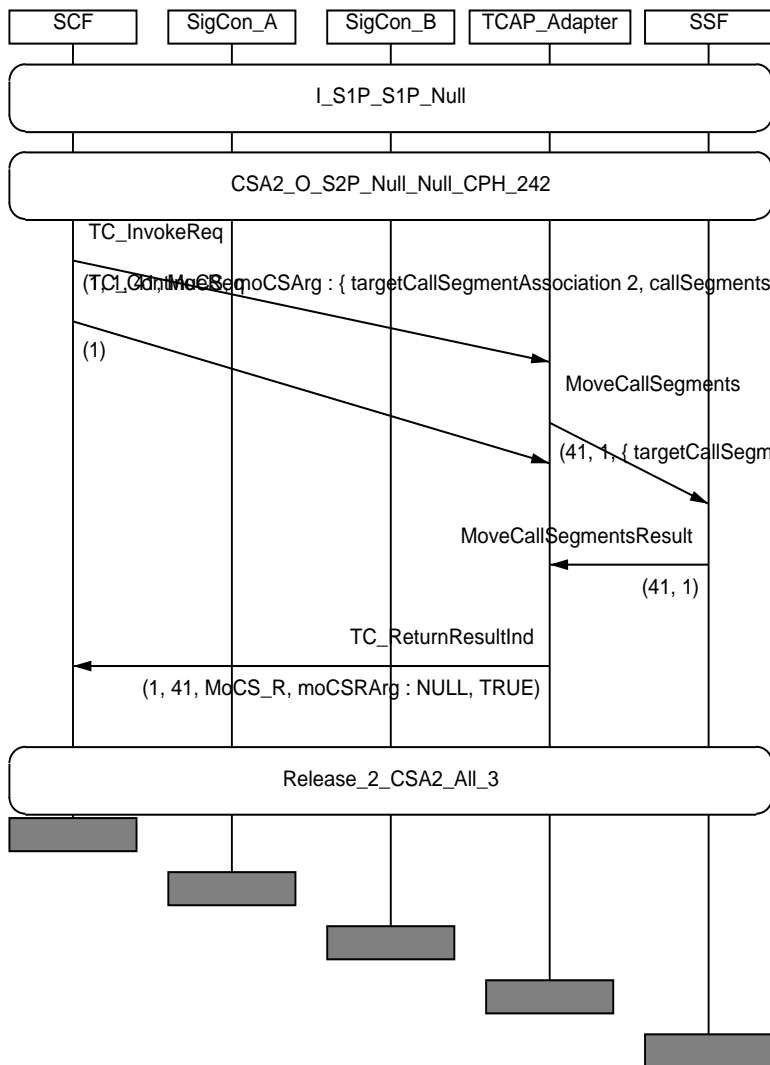
IN3_A_CPH_MOCS_BV_04	
Work item no.:	ITEM_CPH_241
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing a joined controlling leg (Stable_2_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Originating_1_Party_Setup state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	L_OS1_null_null CSA2_O_S2P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	ReleaseNull_CSA2_All_3

MSC IN3_A_CPH_MOCS_BV_04



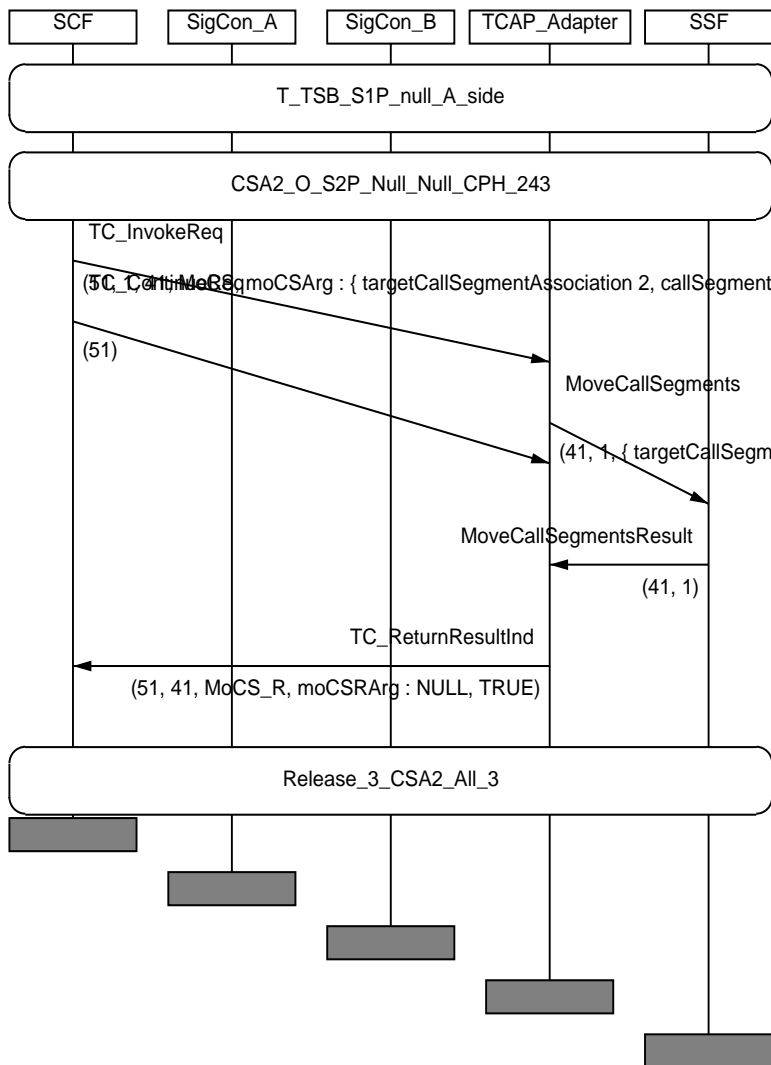
IN3_A_CPH_MOCS_BV_05	
Work item no.:	ITEM_CPH_242
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing a joined controlling leg (Stable_2_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Stable_1_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_O_S2P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 2, newCS 2 }}, legs {{ sourceLeg 3, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_2_CSA2_All_3

MSC IN3_A_CPH_MOCS_BV_05



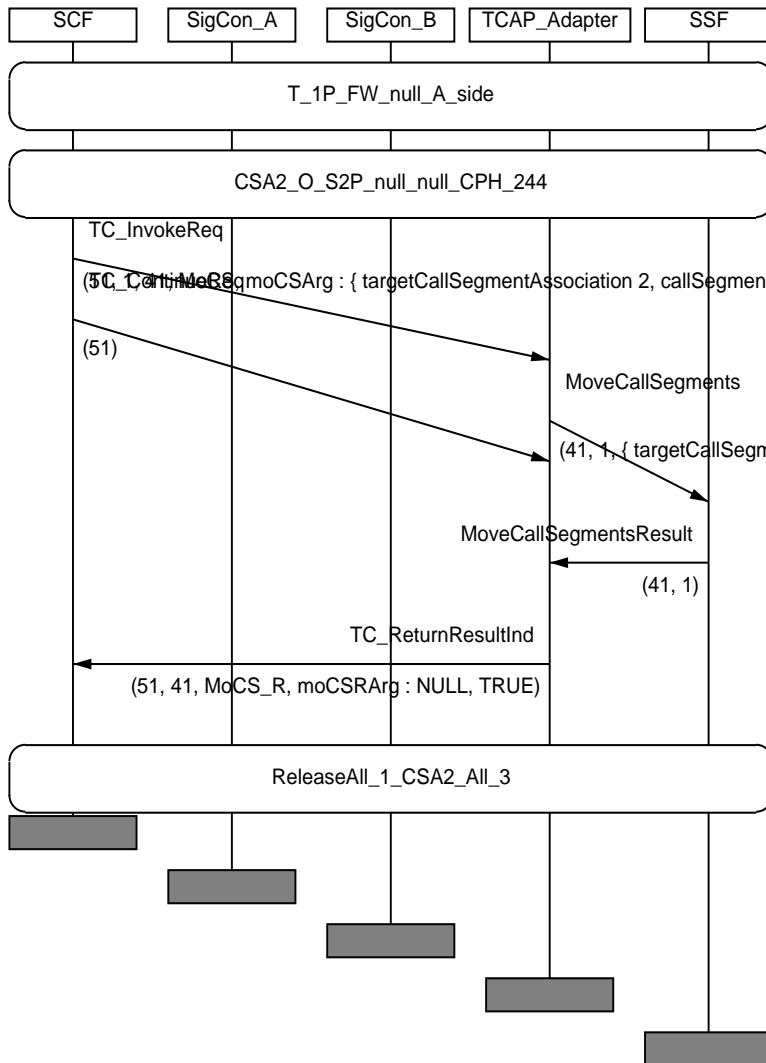
IN3_A_CPH_MOCS_BV_06	
Work item no.:	ITEM_CPH_243
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing a joined controlling leg (Stable_2_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Terminating_Setup state (waiting for instructions in the T_Busy DP).
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	T_TSB_S1P_null_A_side CSA2_O_S2P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 1, newLeg 3}, { sourceLeg 2, newLeg 4 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_3_CSA2_All_3

MSC IN3_A_CPH_MOCS_BV_06



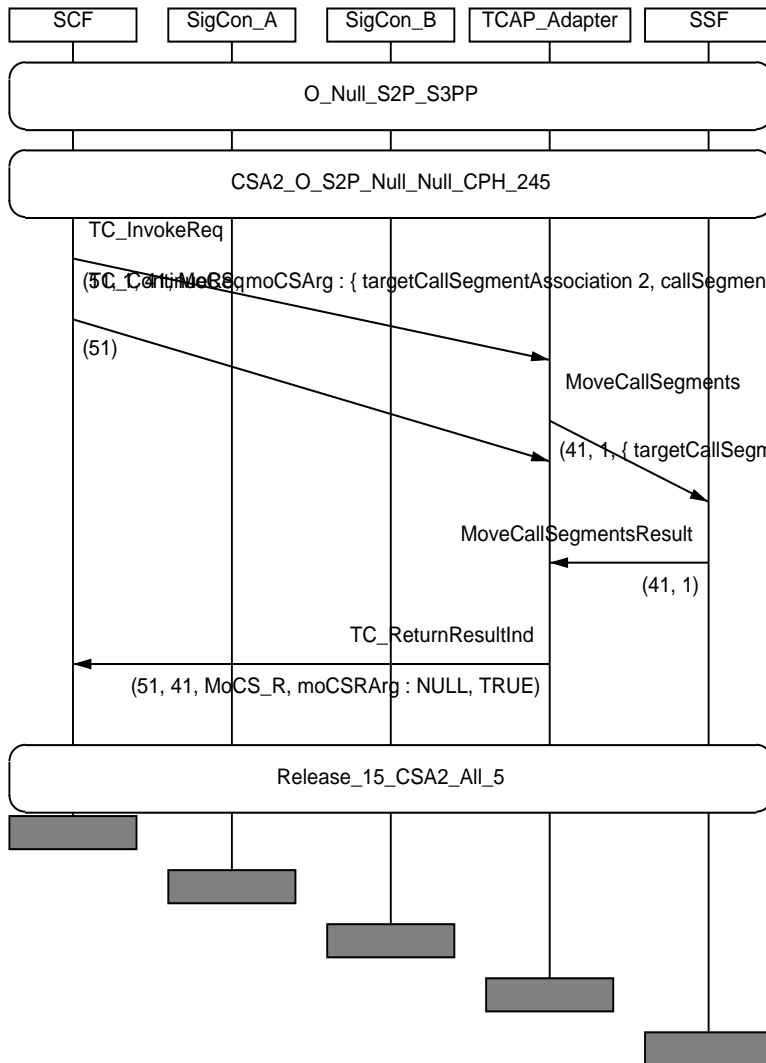
IN3_A_CPH_MOCS_BV_07	
Work item no.:	ITEM_CPH_244
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing a joined controlling leg (Stable_2_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Forward state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	T_1P_FW_null_A_side CSA2_O_S2P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 2, newCS 2 }}, legs {{ sourceLeg 3, newLeg 4}, { sourceLeg 1, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	ReleaseAll_1_CSA2_All_3

MSC IN3_A_CPH_MOCS_BV_07



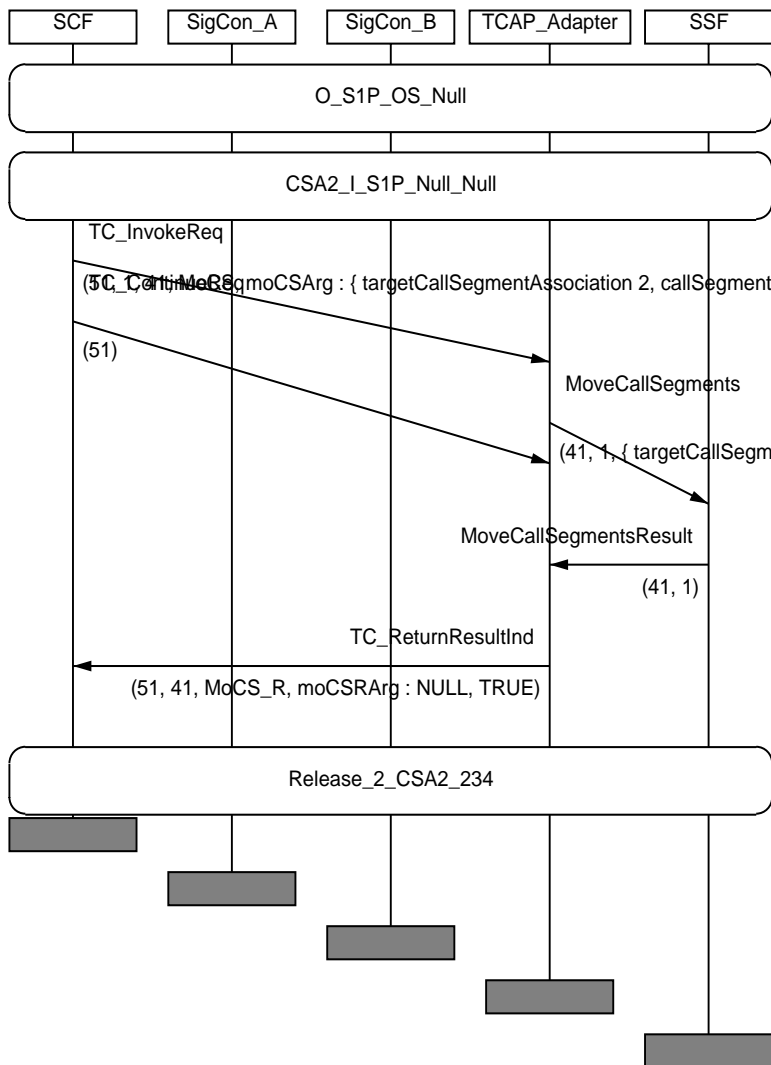
IN3_A_CPH_MOCS_BV_08	
Work item no.:	ITEM_CPH_245
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing a joined controlling leg (Stable_2_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Stable_Multi_Passive_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	O_null_S2P_S3PP CSA2_O_S2P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 3, newCS 2 }}, legs {{ sourceLeg 4, newLeg 6}, { sourceLeg 3, newLeg 4}, { sourceLeg 2, newLeg 3} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_15_CSA2_All_5

MSC IN3_A_CPH_MOCS_BV_08



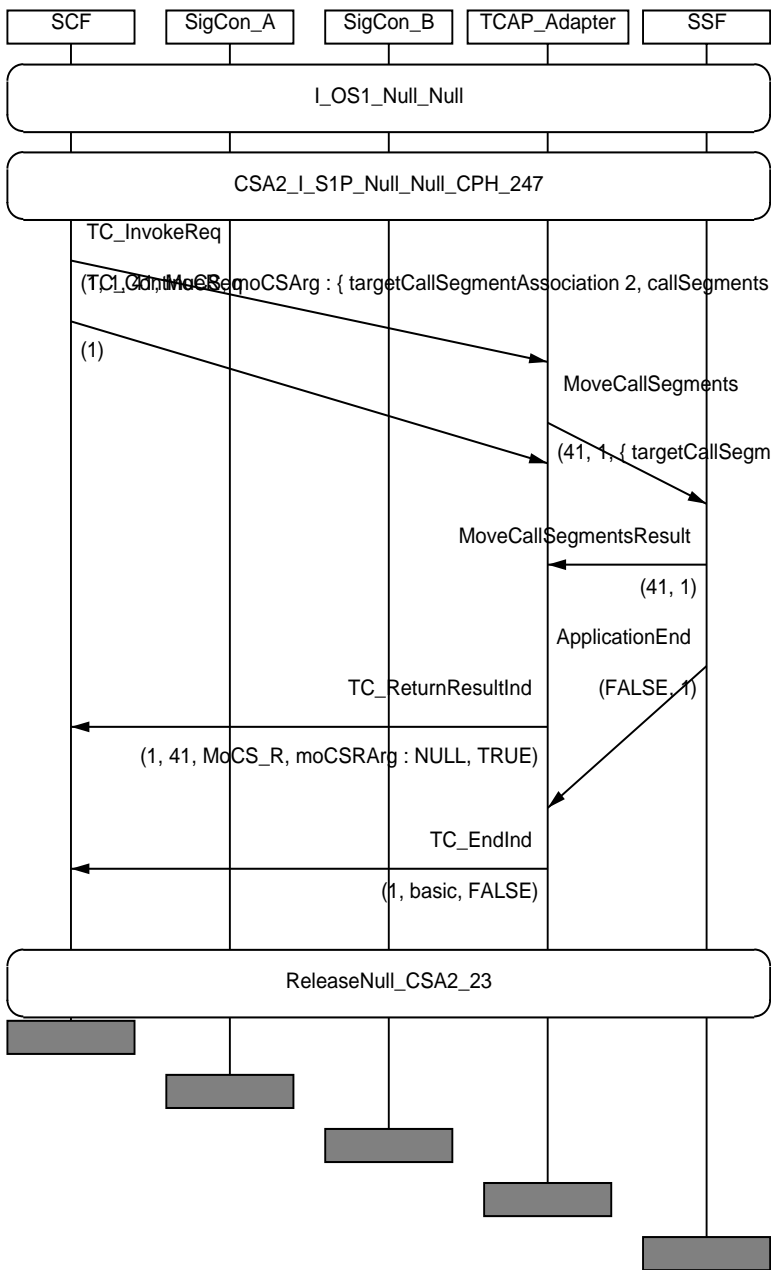
IN3_A_CPH_MOCS_BV_09	
Work item no.:	ITEM_CPH_246
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing no joined or pending controlling leg (Stable_1_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Originating_Setup state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	O_S1P_OS_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 2, newCS 2 }}, legs {{ sourceLeg 3, newLeg 4}, { sourceLeg 1, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_2_CSA2_234

MSC IN3_A_CPH_MOCS_BV_09



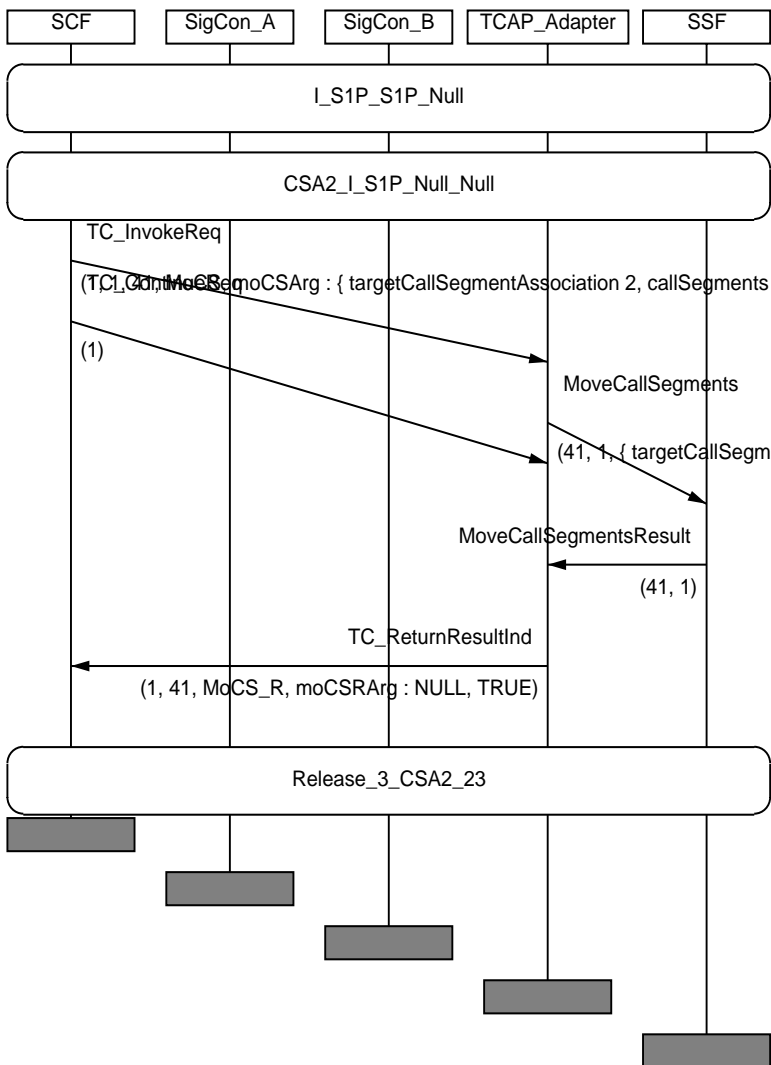
IN3_A_CPH_MOCS_BV_10	
Work item no.:	ITEM_CPH_247
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing no joined or pending controlling leg (Stable_1_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Originating_1_Party_Setup state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	I_OS1_null_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	ReleaseNull_CSA2_23

MSC IN3_A_CPH_MOCS_BV_10



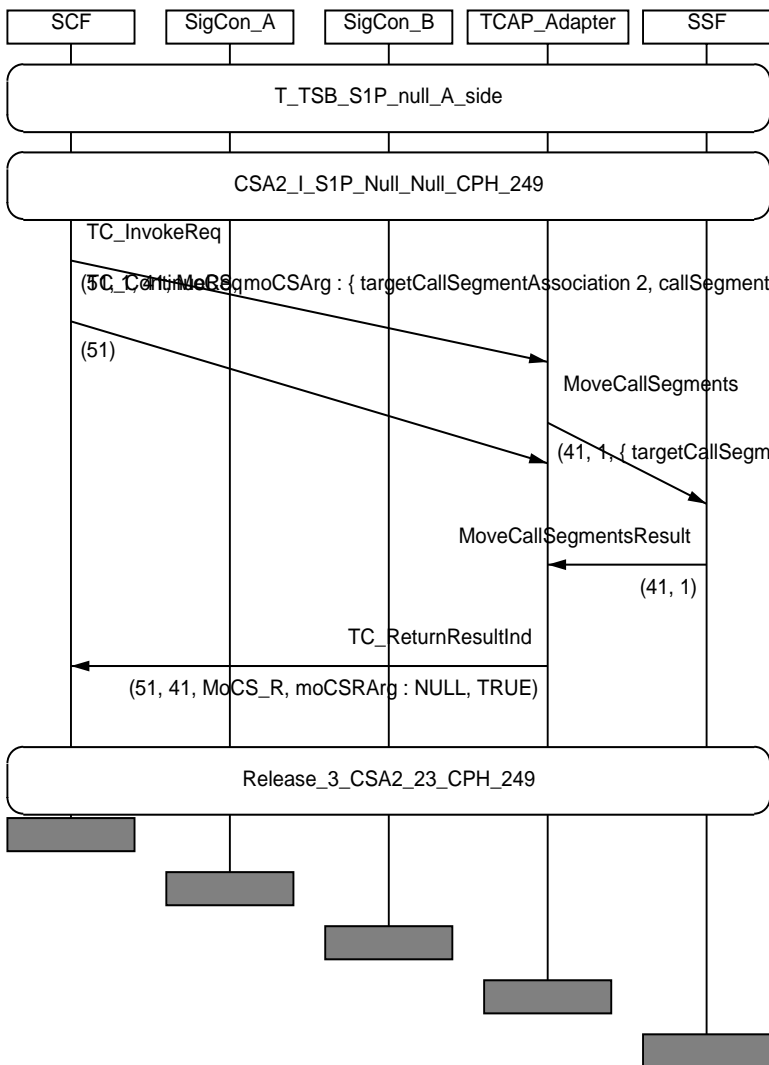
IN3_A_CPH_MOCS_BV_11	
Work item no.:	ITEM_CPH_248
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing no joined or pending controlling leg (Stable_1_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Stable_1_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_3_CSA2_23

MSC IN3_A_CPH_MOCS_BV_11



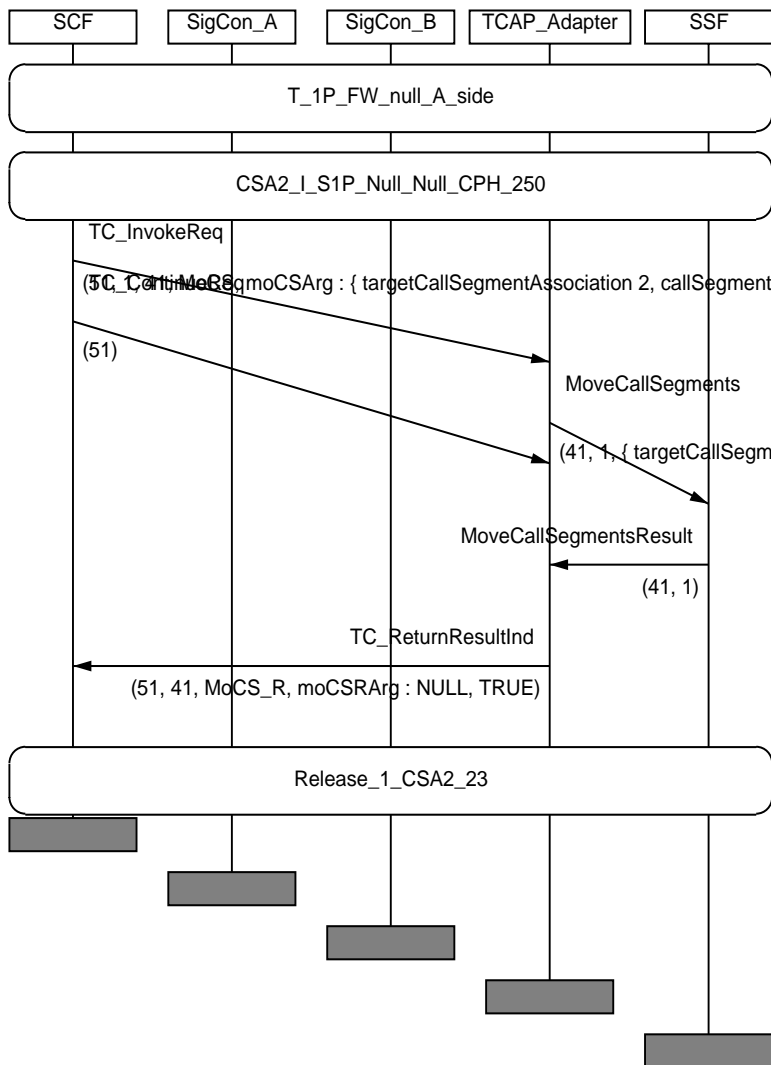
IN3_A_CPH_MOCS_BV_12	
Work item no.:	ITEM_CPH_249
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing no joined or pending controlling leg (Stable_1_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Terminating_Setup state (waiting for instructions in the T_Busy DP).
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	T_TSB_S1P_null_A_side CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 1, newLeg 3}, { sourceLeg 2, newLeg 4} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_3_CSA2_23

MSC IN3_A_CPH_MOCS_BV_12



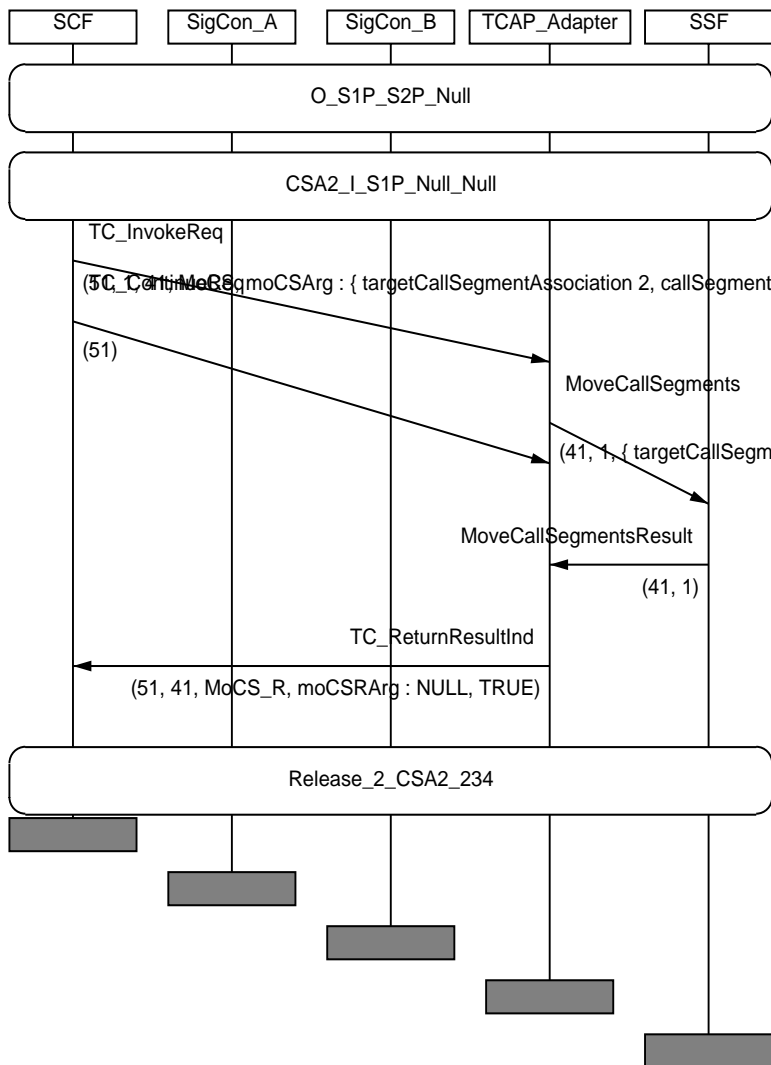
IN3_A_CPH_MOCS_BV_13	
Work item no.:	ITEM_CPH_250
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing no joined or pending controlling leg (Stable_1_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the 1_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	T_1P_FW_null_A_side CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_1_CSA2_23

MSC IN3_A_CPH_MOCS_BV_13



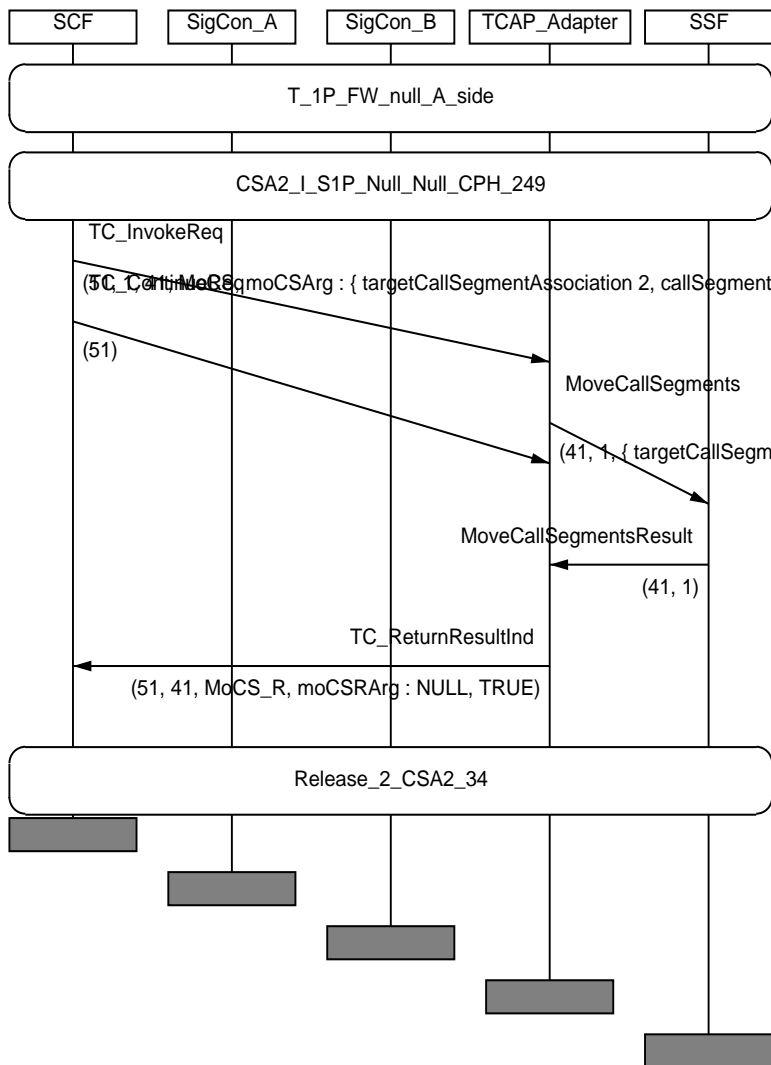
IN3_A_CPH_MOCS_BV_14	
Work item no.:	ITEM_CPH_251
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing no joined or pending controlling leg (Stable_1_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Stable_2_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	O_S1P_S2P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments { { sourceCS 2, newCS 2} }, legs { { sourceLeg 3, newLeg 4}, { sourceLeg 1, newLeg 3} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_2_CSA2_234

MSC IN3_A_CPH_MOCS_BV_14



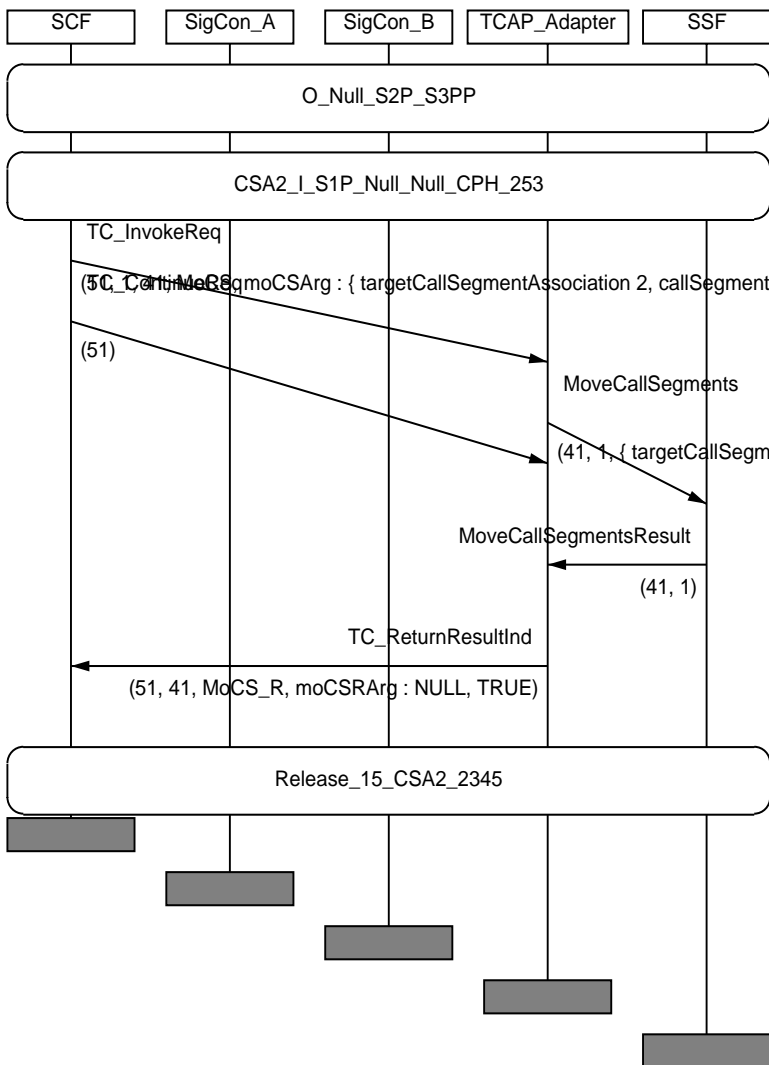
IN3_A_CPH_MOCS_BV_15	
Work item no.:	ITEM_CPH_252
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing no joined or pending controlling leg (Stable_1_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Forward state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	T_1P_FW_null_A_side CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 2, newCS 2 }}, legs {{ sourceLeg 3, newLeg 4}, { sourceLeg 1, newLeg 3} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_2_CSA2_34

MSC IN3_A_CPH_MOCS_BV_15



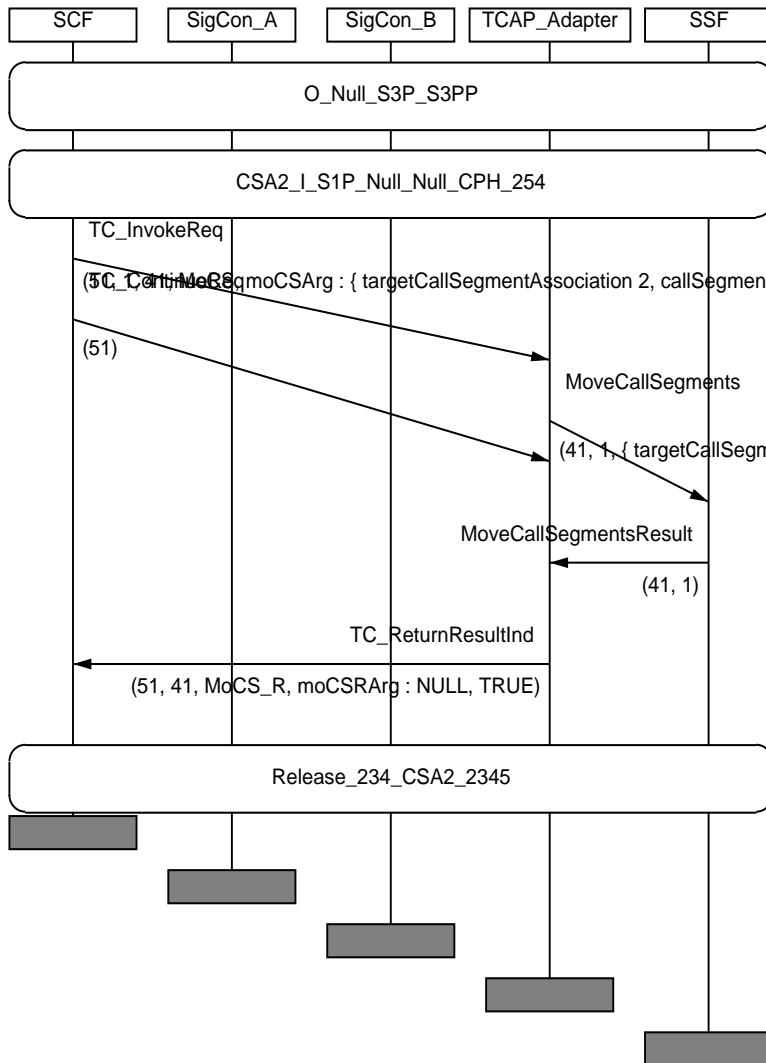
IN3_A_CPH_MOCS_BV_16	
Work item no.:	ITEM_CPH_253
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing no joined or pending controlling leg (Stable_1_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Stable_Multi_Passive_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	O_null_S2P_S3PP CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments { { sourceCS 3, newCS 2} }, legs { { sourceLeg 4, newLeg 5}, { sourceLeg 3, newLeg 4}, { sourceLeg 2, newLeg 3} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_15_CSA2_2345

MSC IN3_A_CPH_MOCS_BV_16



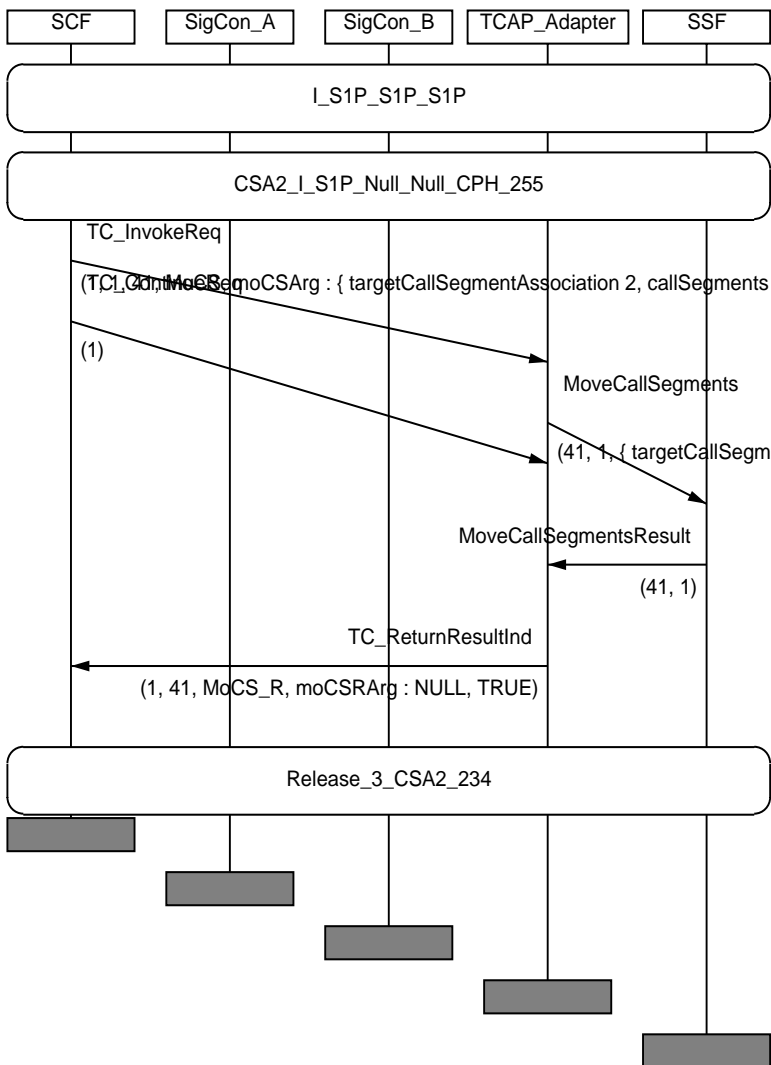
IN3_A_CPH_MOCS_BV_17	
Work item no.:	ITEM_CPH_254
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing no joined or pending controlling leg (Stable_1_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Stable_Multi_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	O_null_S3P_S3PP CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 2, newCS 2 }}, legs {{ sourceLeg 1, newLeg 3}, { sourceLeg 5, newLeg 4}, { sourceLeg 6, newLeg 5} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_234_CSA2_2345

MSC IN3_A_CPH_MOCS_BV_17



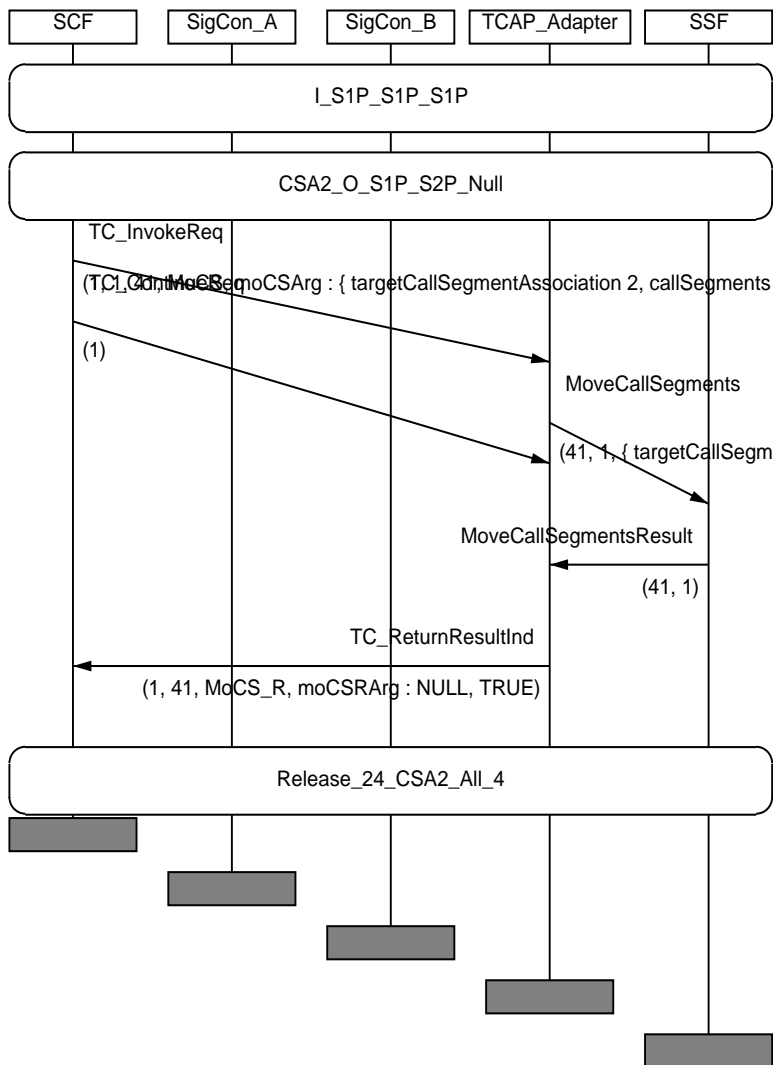
IN3_A_CPH_MOCS_BV_18	
Work item no.:	ITEM_CPH_255
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having one CS in the target CSA, containing no joined or pending controlling leg (Stable_1_Party state), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with 2 sourceCSs, (Stable_1_Party state and Stable_1_Party state).
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	I_S1P_S1P_S1P CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments { { sourceCS 1, newCS 2}, { sourceCS 3, newCS 3} }, legs { { sourceLeg 2, newLeg 3}, { sourceLeg 4, newLeg 4} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_3_CSA2_234

MSC IN3_A_CPH_MOCS_BV_18

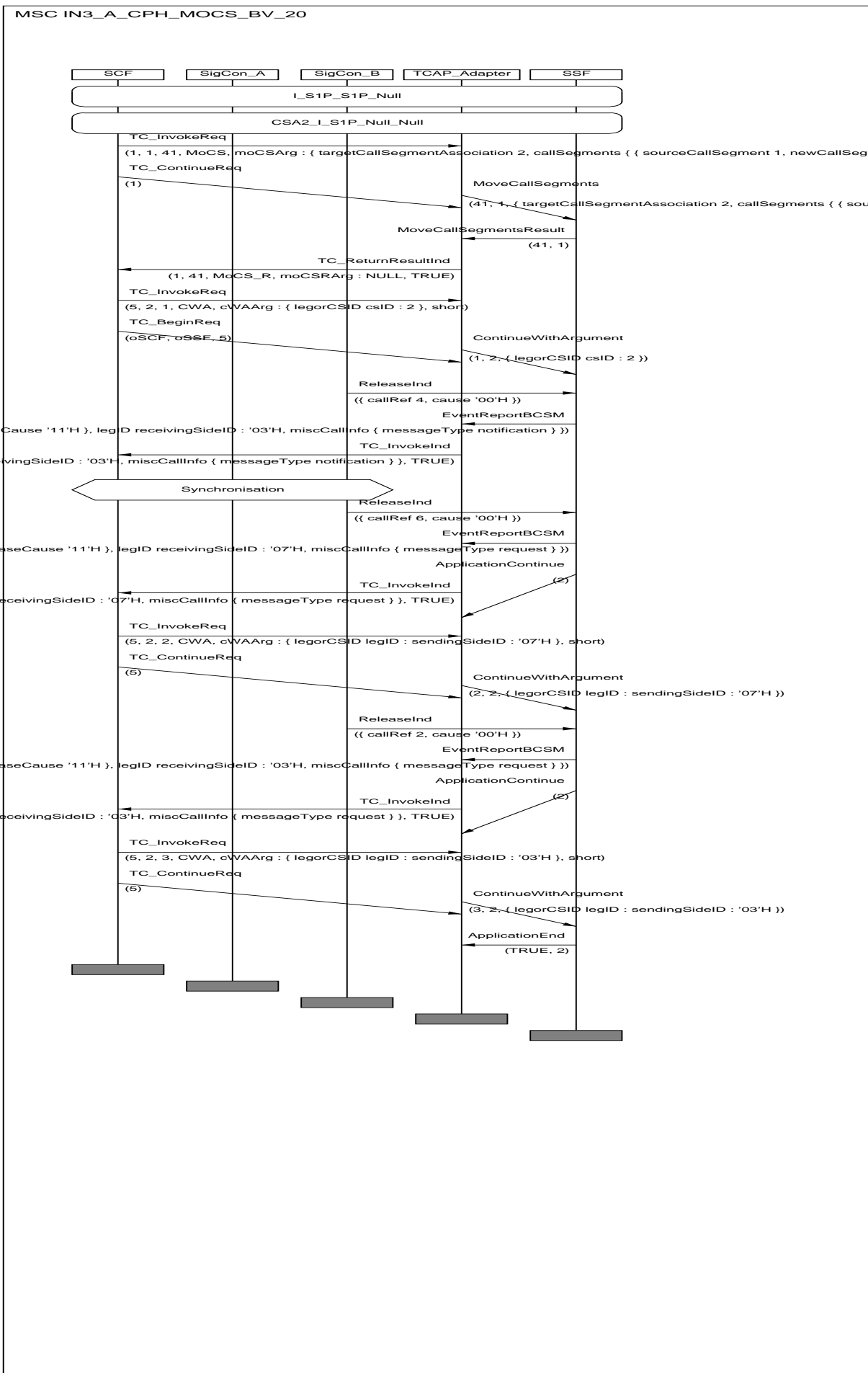


IN3_A_CPH_MOCS_BV_19	
Work item no.:	ITEM_CPH_256
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, having 2 CSs in the target CSA (Stable_1_Party and Stable_2_Party), sends to the SCF a MoveCallSegments ReturnResult component after having received from the SCF a MoveCallSegments invoke component with one sourceCS, being in the Stable_1_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	I_S1P_S1P_S1P CSA2_O_S1P_S2P_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 2, newCS 3 }}, legs {{ sourceLeg 3, newLeg 4 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnResult
Postamble:	Release_24_CSA2_All_4

MSC IN3_A_CPH_MOCS_BV_19



IN3_A_CPH_MOCS_BV_20	
Work item no.:	ITEM_CPH_257
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF keeps the event detection points armed on all legs (source CSA and target CSA) after performing the MoveCallSegments operation.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 2, newLeg 3 } } }) L1!MoveCallSegments ReturnResult L2!ContinueWithArgument (csID = 2) CP2_2!ReleaseInd(Normal clearing) L1?EventReportBCSM(3,oDisconnect) CP2_3!ReleaseInd(Normal clearing) L2?EventReportBCSM(2,oDisconnect) L2!ContinueWithArgument(legID=2) CP2_1!ReleaseInd(Normal clearing) L2?EventReportBCSM(3,oDisconnect) L2!ContinueWithArgument(legID=3) </pre>
Pass criteria	3 ERBs
Postamble:	None

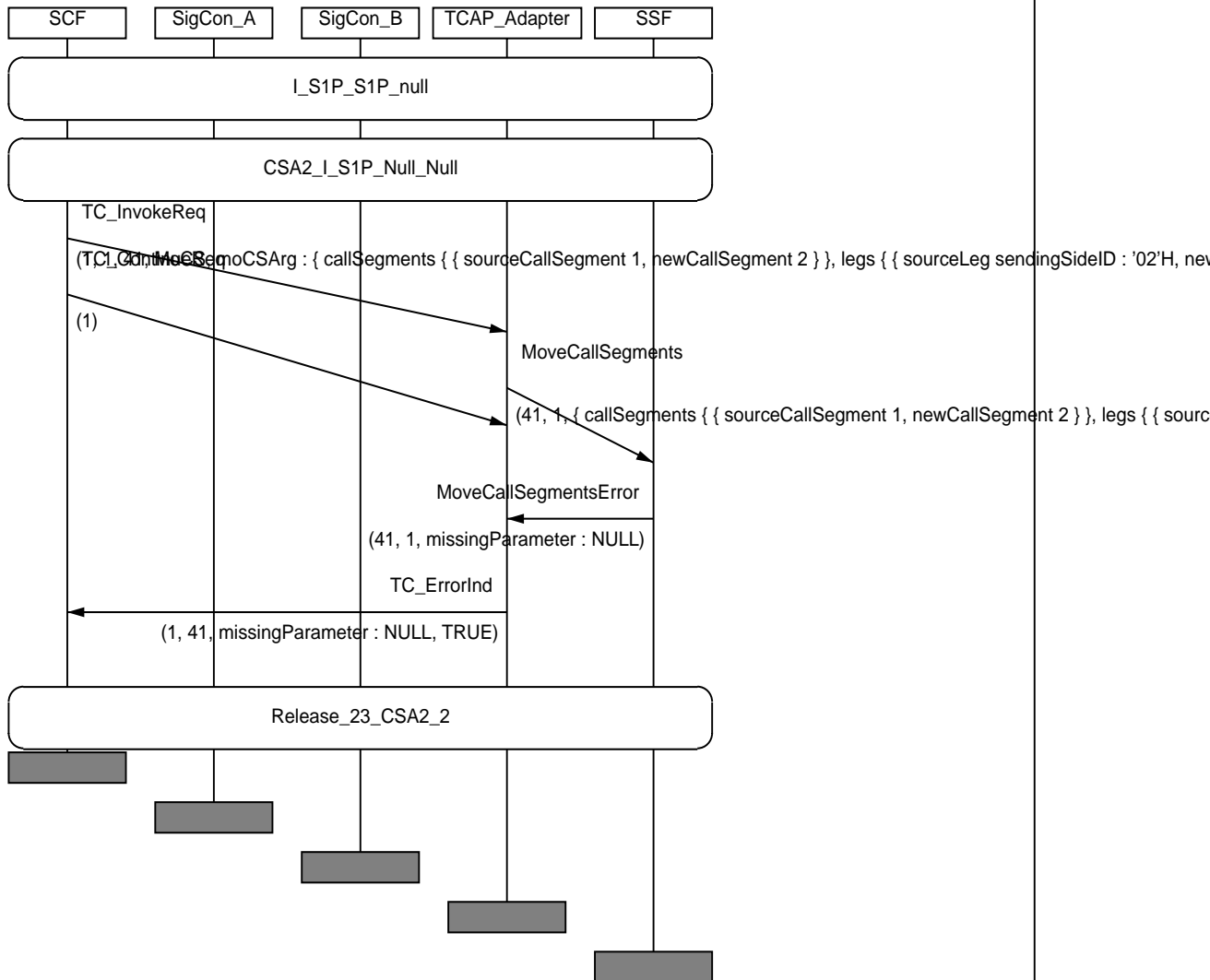


IN3_A_CPH_MOCS_BV_21	
Work item no.:	ITEM_CPH_258
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF keeps all outstanding CallInformationReports requested for the legs of the source CSA and the target CSA, after the sourceCS has been moved into the target CSA.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	null
Test description	<pre> L1!InitiateCallAttempt(2,1) L1!RequestReportBCSMEvent(2,interrupted,oDisconnect) L1!CallInformationRequest(2) L1!ContinueWithArgument(legID=2) CP1_2?SetupReq CP1_2!SetupConf L1!InitiateCallAttempt(3,2) L1!RequestReportBCSMEvent(3,notifyAndContinue,oDisconnect) L1!CallInformationRequest(3) L1!ContinueWithArgument(legID=3) CP1_3?SetupReq CP1_3!SetupConf L2!CreateCallSegmentAssociation L2?CreateCallSegmentAssociation ReturnResult(csalD2) L2!InitiateCallAttempt(2,1) L2!RequestReportBCSMEvent(2,interrupted,oDisconnect) L2!CallInformationRequest(2) L2!ContinueWithArgument(legID=2) CP2_2?SetupReq CP2_2!SetupConf L1!MoveCallSegments({ targetCSA csalD2, callSegments { { sourceCS 1, newCS 2 } }, legs { { sourceLeg 2, newLeg 3 } } }) L2!ContinueWithArgument(csID=2) CP1_3!ReleaseInd(Normal clearing) L1?EventReportBCSM(3,oDisconnect) L1?CallInformationReport(3) CP2_2!ReleaseInd(Normal clearing) L2?CallInformationReport(2) L2?EventReportBCSM(2,oDisconnect) L2!ContinueWithArgument(legID=2) CP2_3!ReleaseInd(Normal clearing) L2?CallInformationReport(3) L2?EventReportBCSM(3,oDisconnect) L2!ContinueWithArgument(legID=3) </pre>
Pass criteria	3 pairs of ERB and CIRP received. ERB and CIRP for the same leg must appear in the indicated order.
Postamble:	None

IN3_A_CPH_MOCS_BV_22	
Work item no.:	ITEM_CPH_259
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF keeps all outstanding ApplyChargingReports requested for the legs of the source CSA and the target CSA, after the sourceCS has been moved into the target CSA.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25)
Selection Cond.	
Preamble:	null
Test description	<pre> L1!InitiateCallAttempt(2,1) L1!RequestReportBCSMEEvent(2,interrupted,oDisconnect) L1!ApplyChargingRequest(2) L1!ContinueWithArgument(legID=2) CP1_2?SetupReq CP1_2!SetupConf L1!InitiateCallAttempt(3,2) L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect) L1!ApplyChargingRequest(3) L1!ContinueWithArgument(legID=3) CP1_3?SetupReq CP1_3!SetupConf L2!CreateCallSegmentAssociation L2?CreateCallSegmentAssociation ReturnResult(csID2) L2!InitiateCallAttempt(2,1) L2!RequestReportBCSMEEvent(2,interrupted,oDisconnect) L2!ApplyChargingRequest(2) L2!ContinueWithArgument(legID=2) CP2_2?SetupReq CP2_2!SetupConf L1!MoveCallSegments({ targetCSA csalD2, callSegments { { sourceCS 1, newCS 2 } }, legs { { sourceLeg 2, newLeg 3 } } }) L2!ContinueWithArgument(csID=2) CP1_3!ReleaseInd(Normal clearing) L1?EventReportBCSM(3,oDisconnect) L1?ApplyChargingReport(3) CP2_2!ReleaseInd(Normal clearing) L2?ApplyChargingReport(2) L2?EventReportBCSM(2,oDisconnect) L2!ContinueWithArgument(legID=2) CP2_3!ReleaseInd(Normal clearing) L2?ApplyChargingReport(3) L2?EventReportBCSM(3,oDisconnect) L2!ContinueWithArgument(legID=3) </pre>
Pass criteria	3 ERBs and CIRPs (ERB and CIRP for the same leg may appear in any order).
Postamble:	None

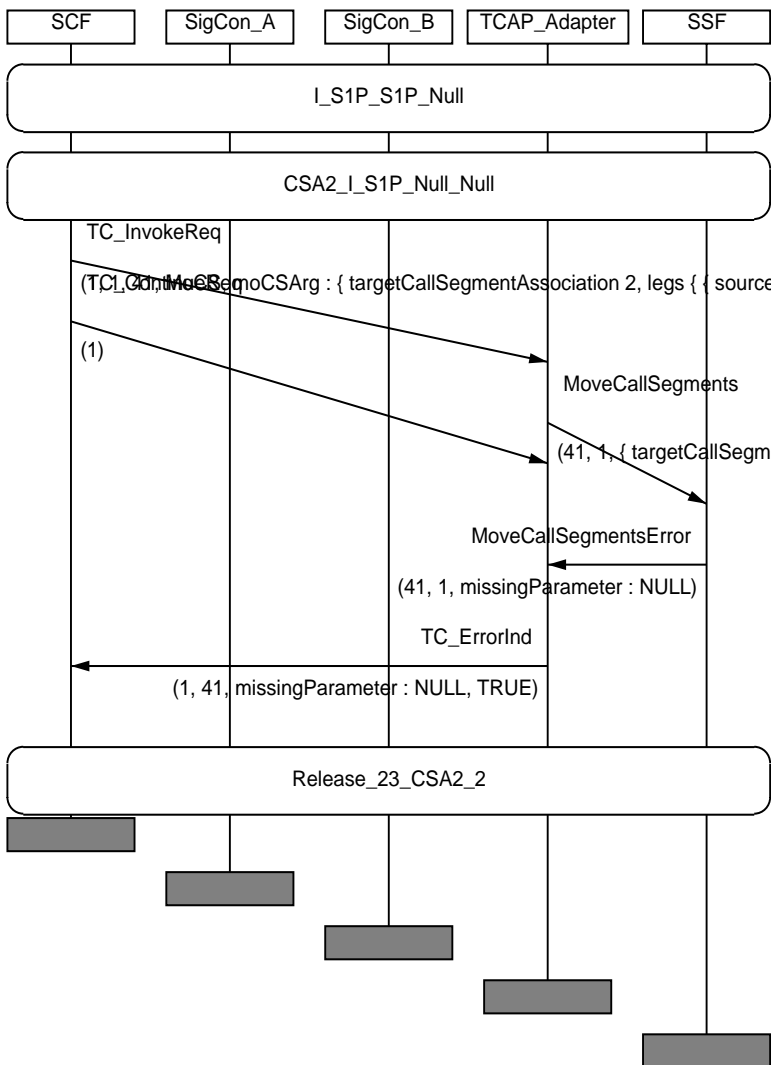
IN3_A_CPH_MOCS_BI_01	
Work item no.:	ITEM_CPH_266
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (missingParameter) after having received from the SCF a MoveCallSegments invoke component without the targetCallSegmentAssociation parameter.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA -, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(missingParameter)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_01



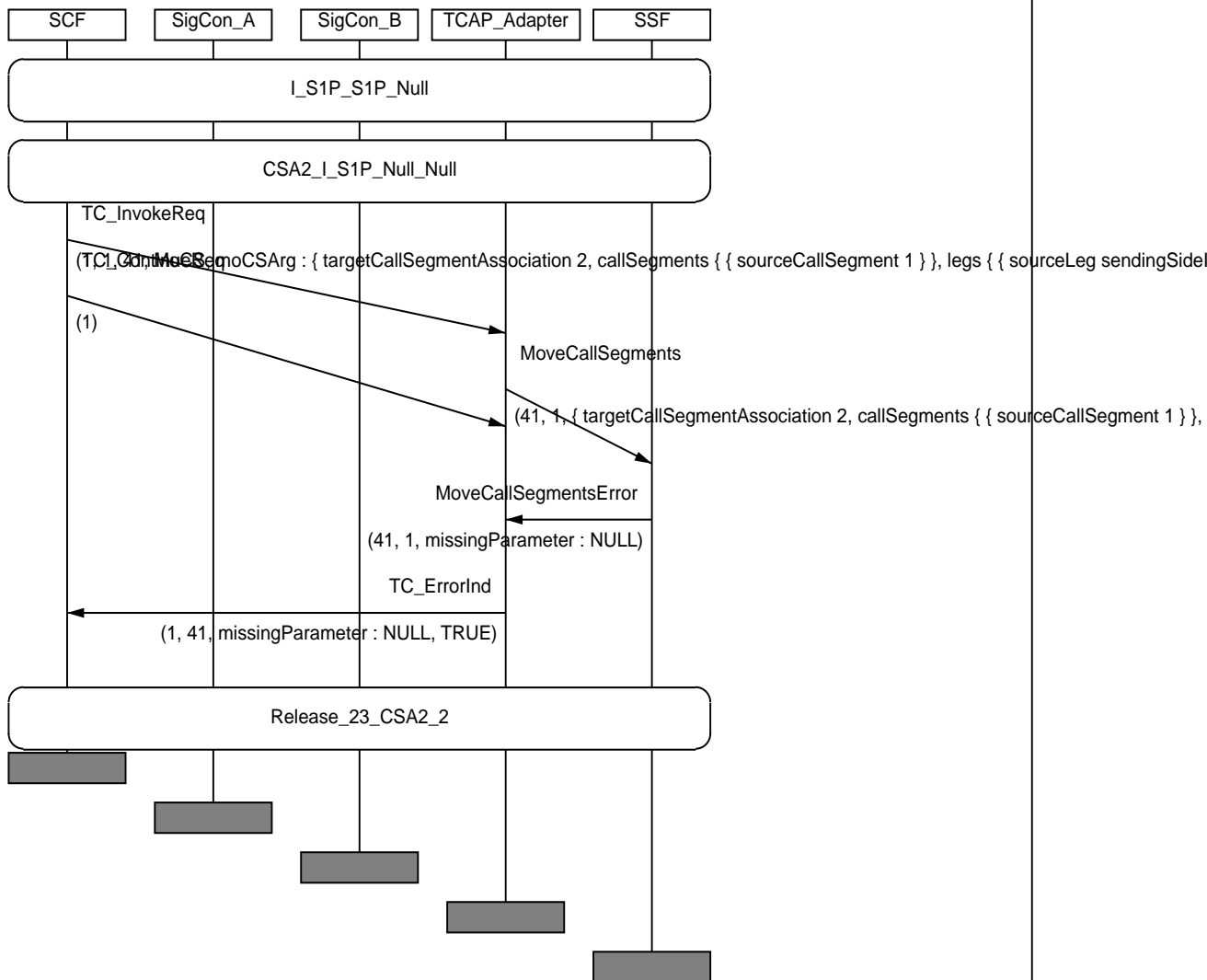
IN3_A_CPH_MOCS_BI_02	
Work item no.:	ITEM_CPH_267
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (missingParameter) after having received from the SCF a MoveCallSegments invoke component without the callSegments parameter.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments -, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(missingParameter)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_02



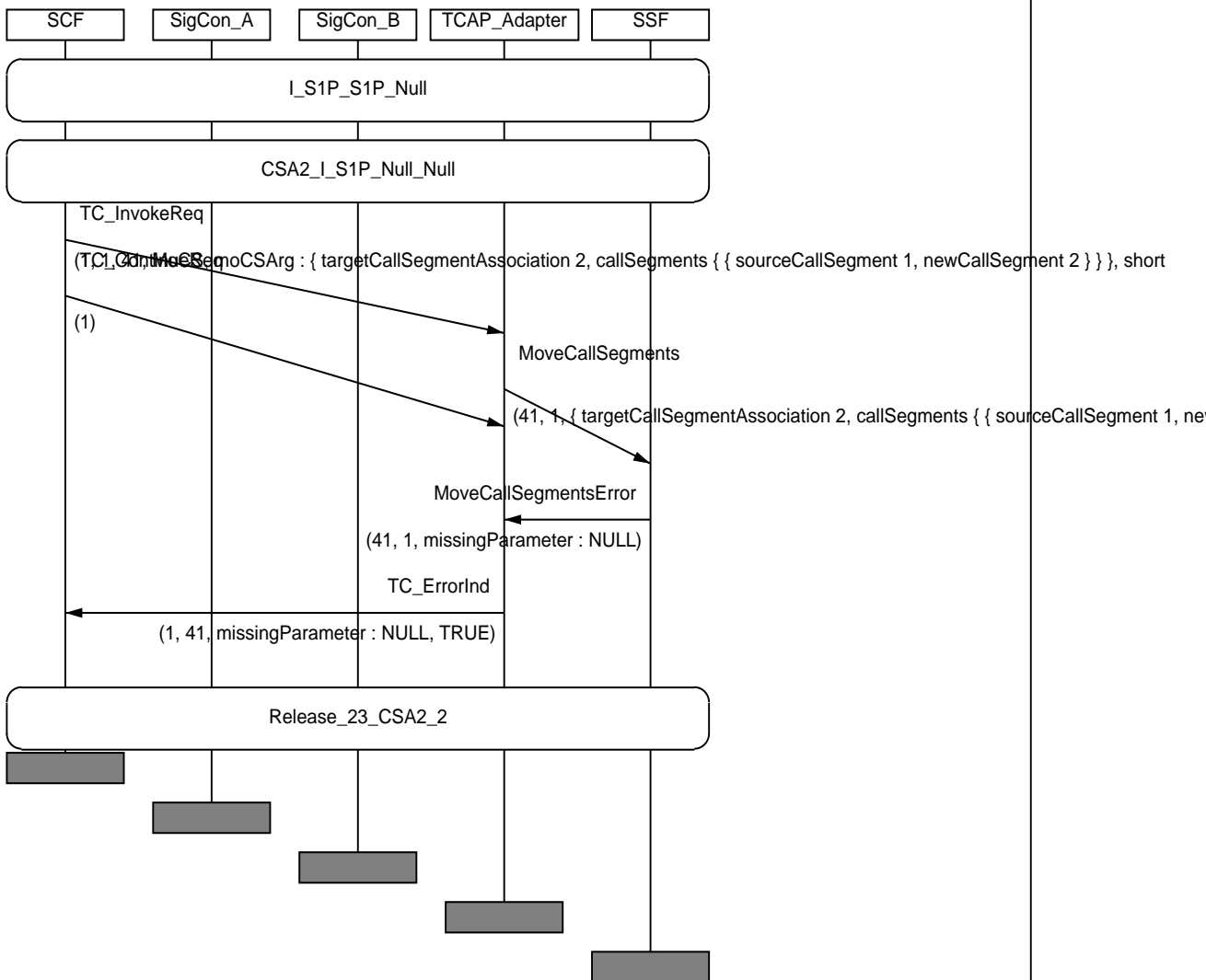
IN3_A_CPH_MOCS_BI_03	
Work item no.:	ITEM_CPH_268
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (missingParameter) after having received from the SCF a MoveCallSegments invoke component without the newCallSegment parameter.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS - } }, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(missingParameter)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_03



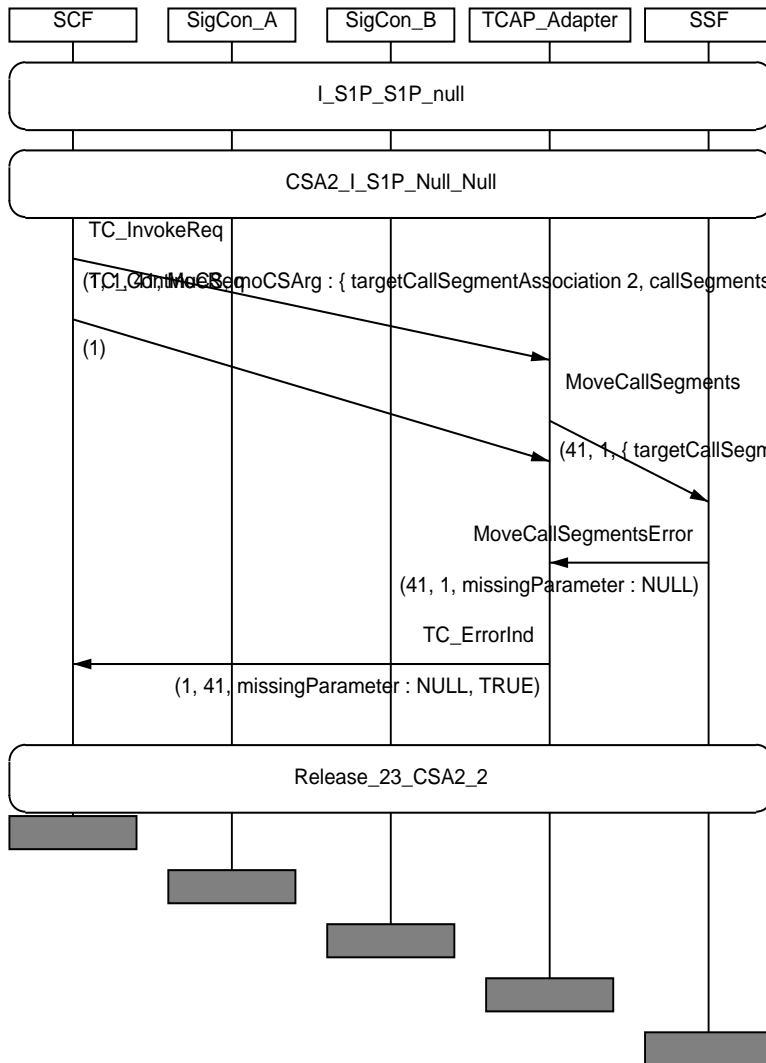
IN3_A_CPH_MOCS_BI_04	
Work item no.:	ITEM_CPH_269
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (missingParameter) after having received from the SCF a MoveCallSegments invoke component without the legs parameter.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs - }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(missingParameter)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_04



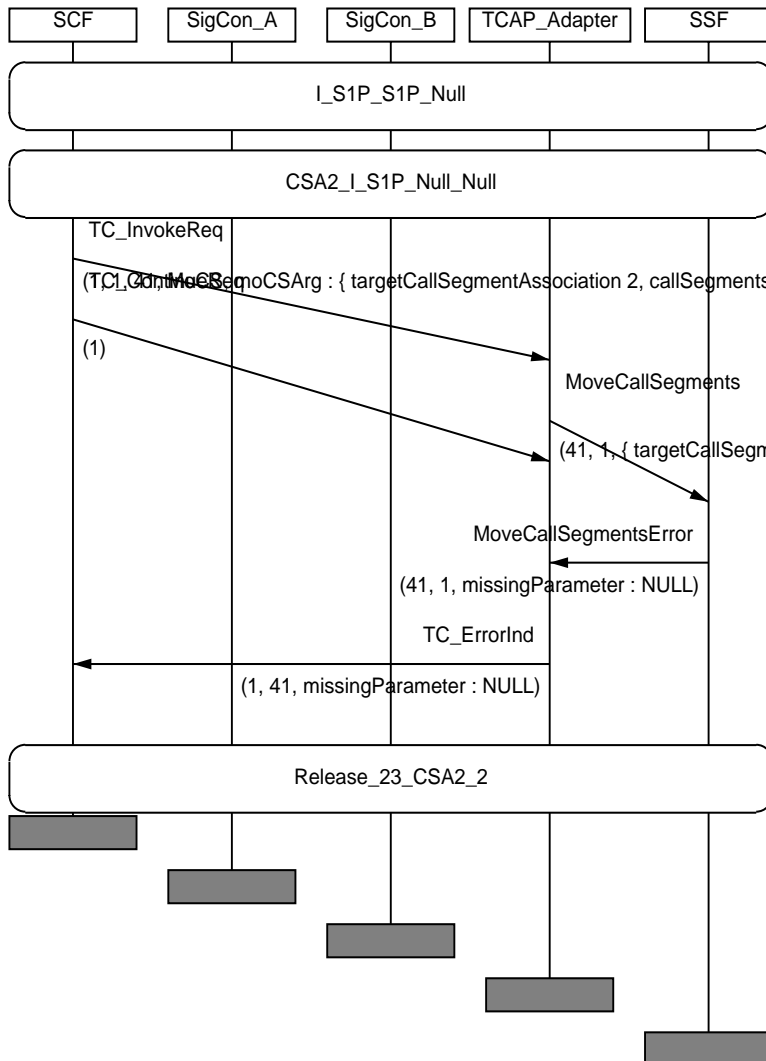
IN3_A_CPH_MOCS_BI_05	
Work item no.:	ITEM_CPH_270
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (missingParameter) after having received from the SCF a MoveCallSegments invoke component without the sourceLeg parameter.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg -, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(missingParameter)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_05



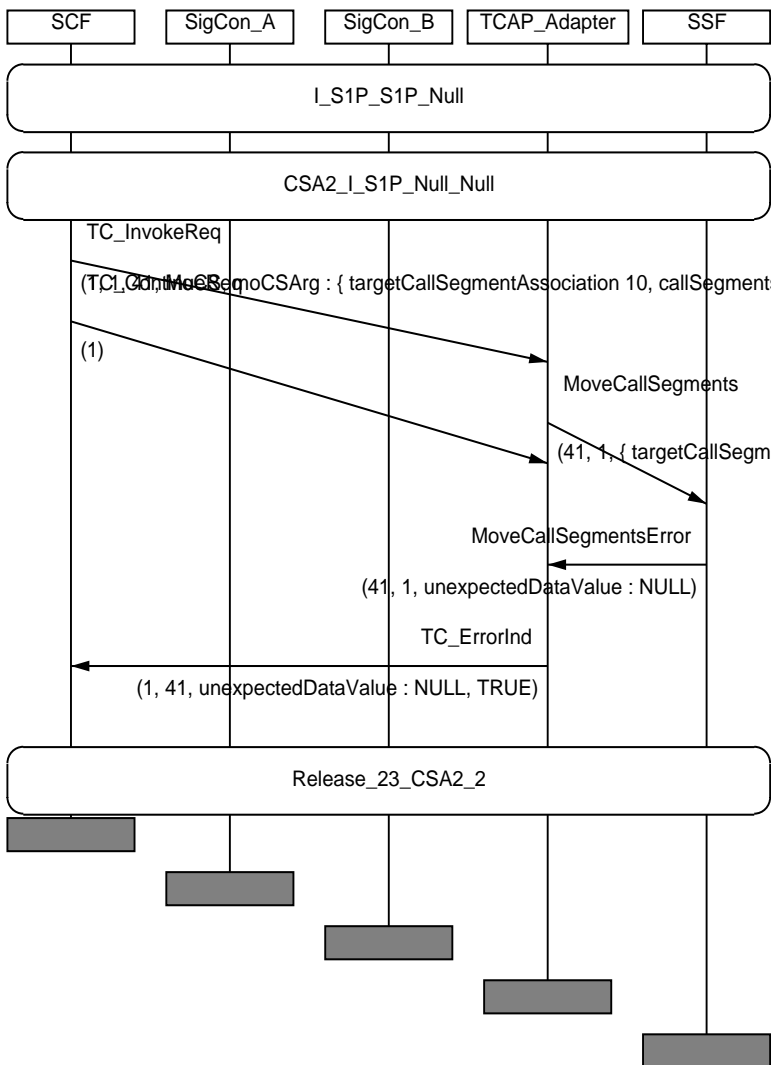
IN3_A_CPH_MOCS_BI_06	
Work item no.:	ITEM_CPH_271
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (missingParameter) after having received from the SCF a MoveCallSegments invoke component without the newLeg parameter.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 2, newLeg -} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(missingParameter)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_06



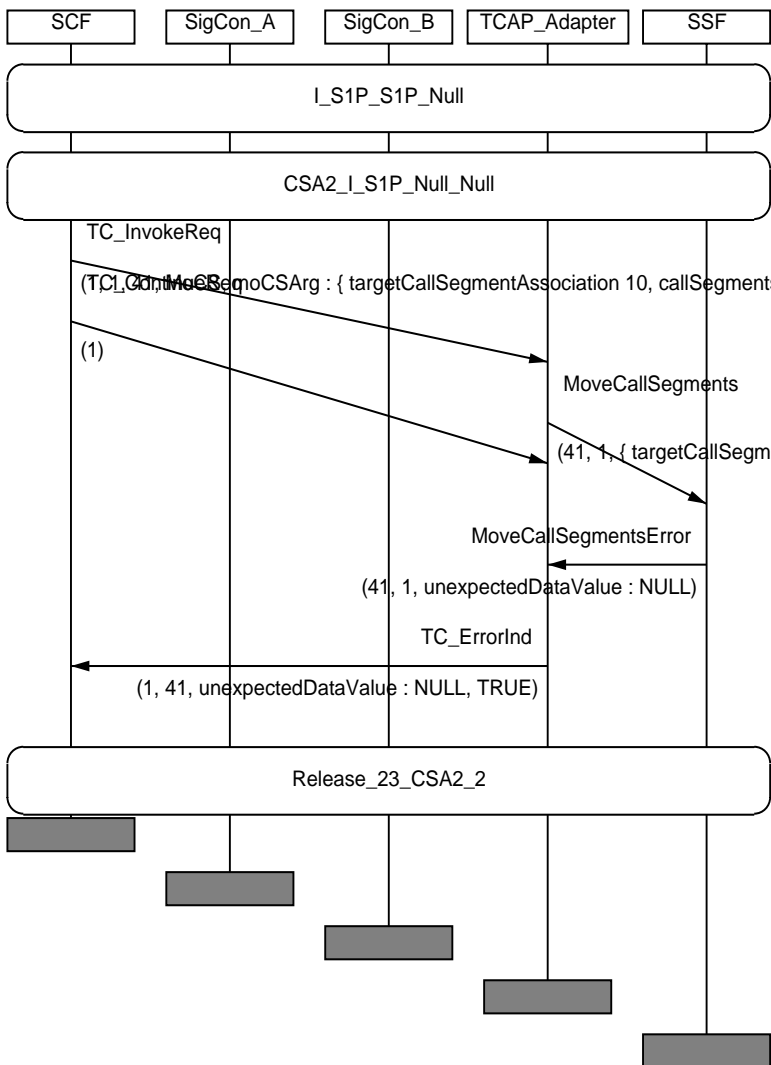
IN3_A_CPH_MOCS_BI_07	
Work item no.:	ITEM_CPH_272
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (unexpectedDataValue) after having received from the SCF a MoveCallSegments invoke component with the targetCallSegmentAssociation parameter value not being equal to the csalD of an existing CSA in the SSF.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA invaliCsalD, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(unexpectedDataValue)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_07



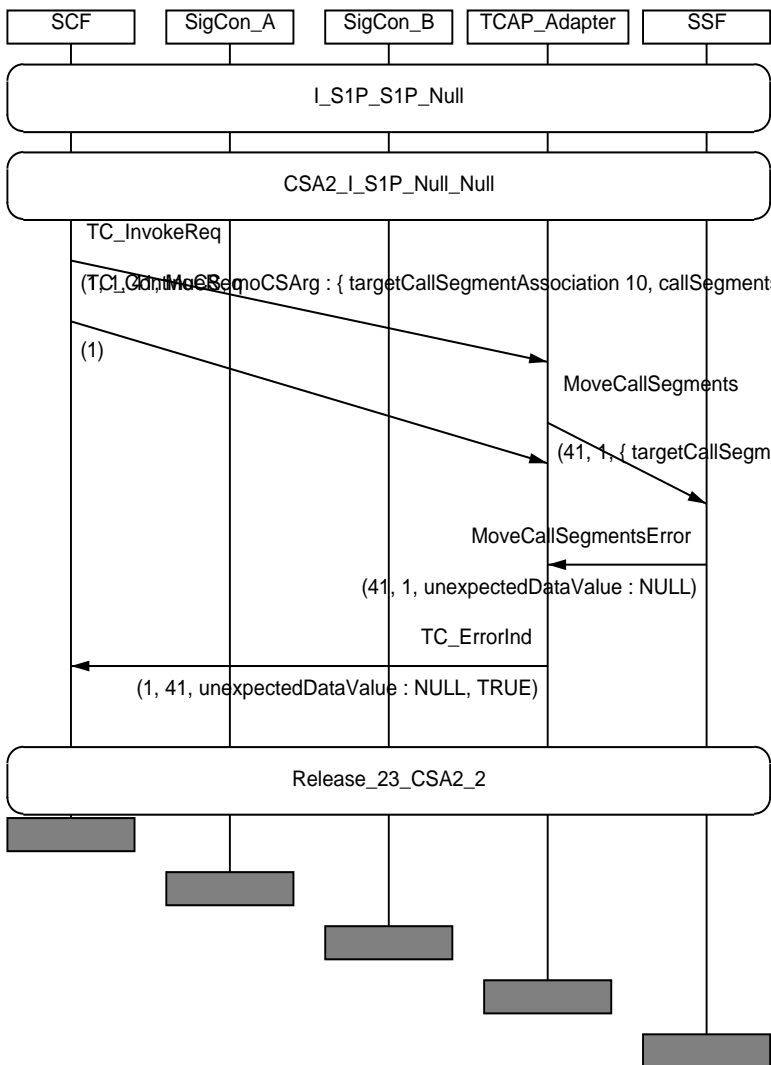
IN3_A_CPH_MOCS_BI_08	
Work item no.:	ITEM_CPH_273
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (unexpectedDataValue) after having received from the SCF a MoveCallSegments invoke component with the sourceCallSegment parameter value not being equal to the csID of any CS in the source CSA.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA invaliCsaID, callSegments {{ sourceCS 3, newCS 2 }}, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(unexpectedDataValue)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_08



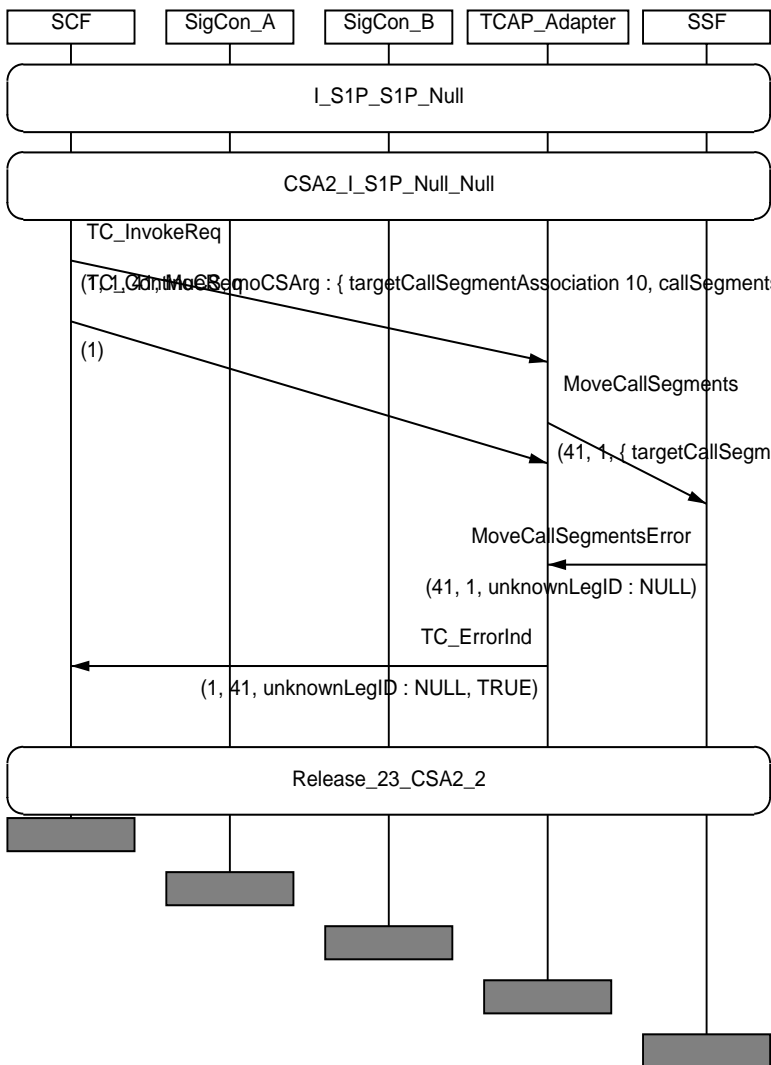
IN3_A_CPH_MOCS_BI_09	
Work item no.:	ITEM_CPH_274
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (unexpectedDataValue) after having received from the SCF a MoveCallSegments invoke component with the newCallSegment parameter value being equal to the csID of an existing CS in the target CSA.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA invaliCsaID, callSegments {{ sourceCS 1, newCS 1 }}, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(unexpectedDataValue)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_09



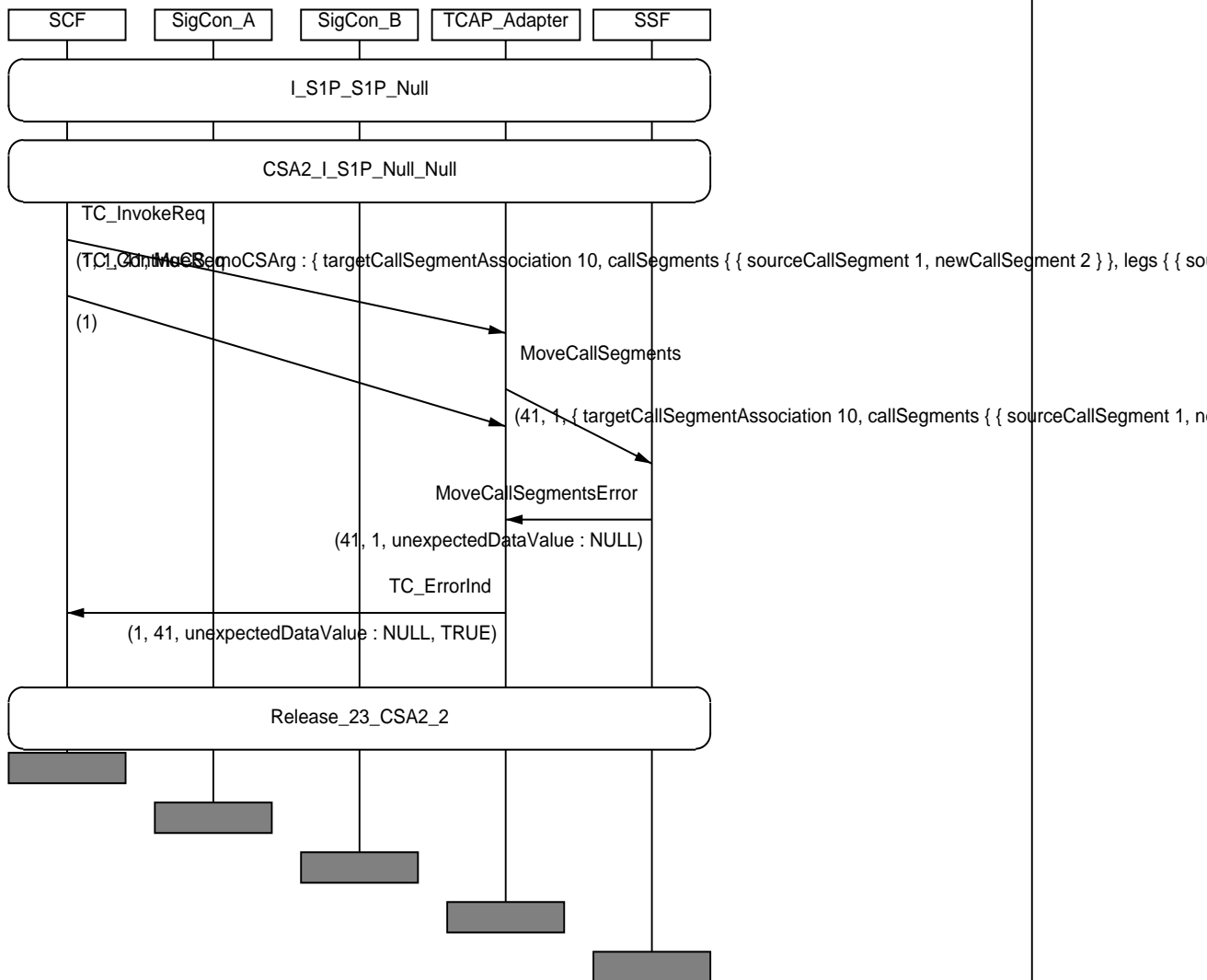
IN3_A_CPH_MOCS_BI_10	
Work item no.:	ITEM_CPH_275
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (unknownLegID) after having received from the SCF a MoveCallSegments invoke component with the sourceLeg parameter value not being equal to the legID of any leg in any source CS to be moved.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA invaliCsaID, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 1, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(unknownLegID)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_10



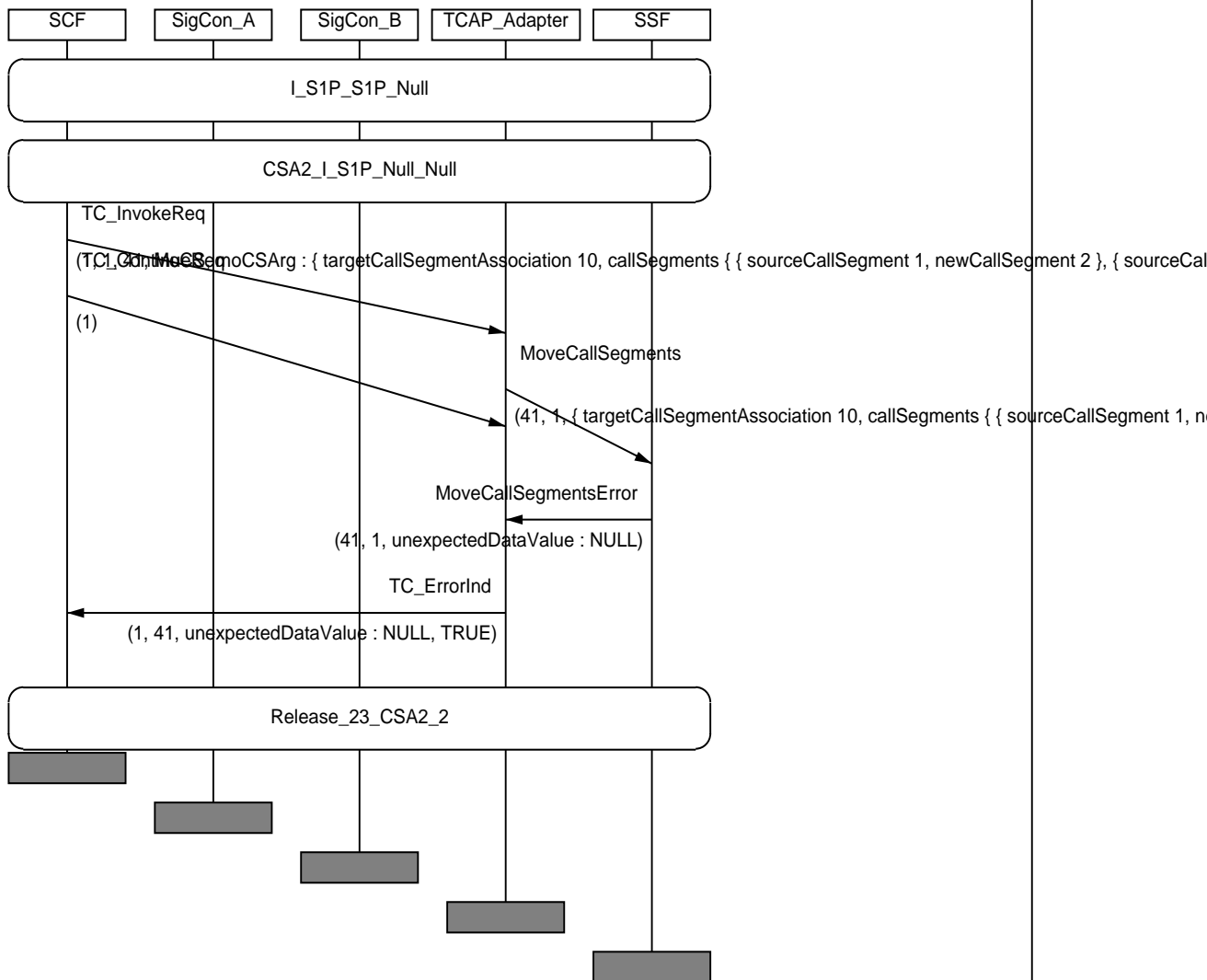
IN3_A_CPH_MOCS_BI_11	
Work item no.:	ITEM_CPH_276
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (unexpectedDataValue) after having received from the SCF a MoveCallSegments invoke component with the newLeg parameter value being equal to the legID of an existing leg in the target CSA.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA invaliCsaID, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 2, newLeg 2 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(unexpectedDataValue)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_11



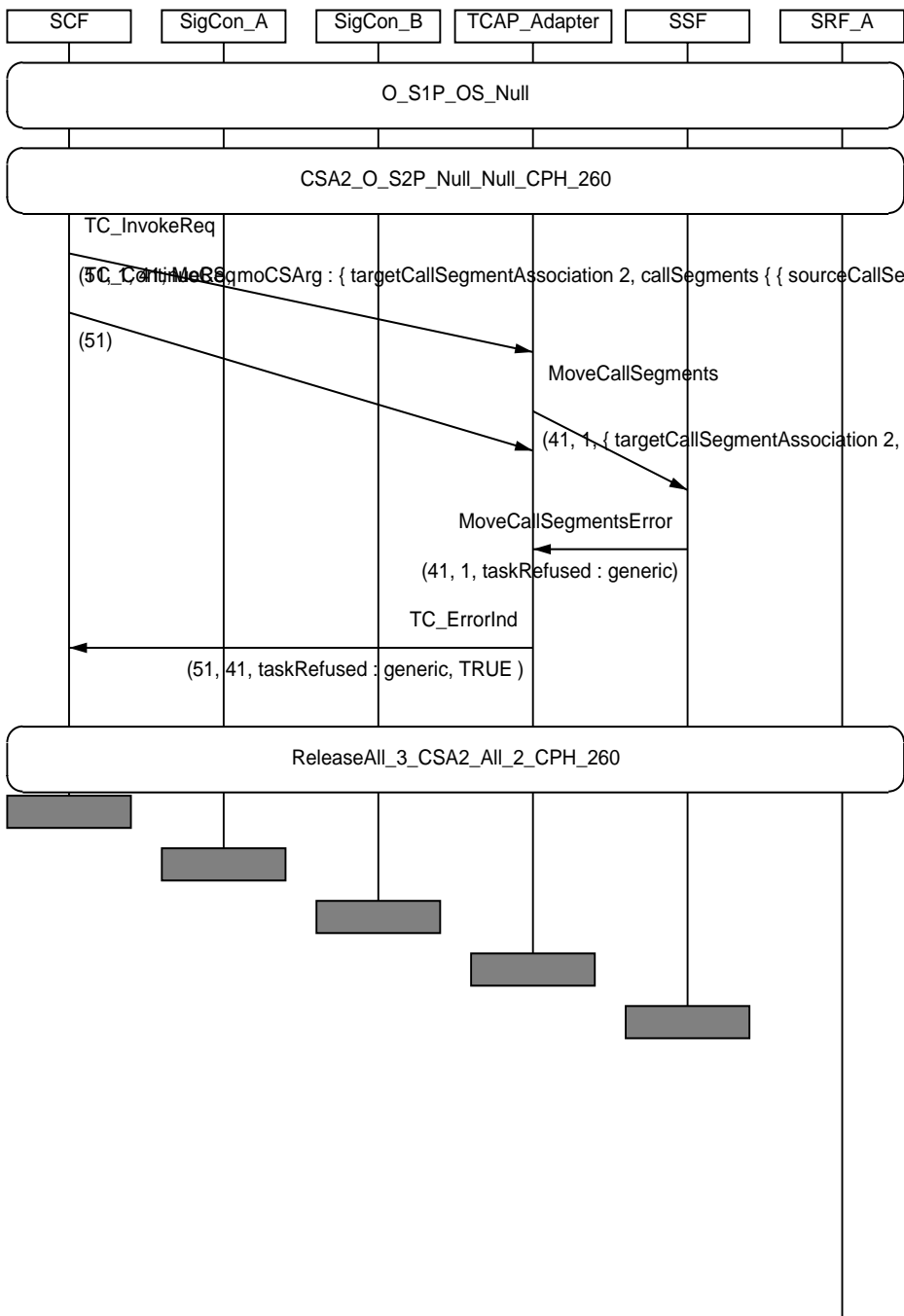
IN3_A_CPH_MOCS_BI_12	
Work item no.:	ITEM_CPH_277
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (unexpectedDataValue) after having received from the SCF a MoveCallSegments invoke component with the sourceCallSegment parameter value appearing twice with the same (valid) value.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	I_S1P_S1P_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA invaliCsaID, callSegments {{ sourceCS 1, newCS 2}, { sourceCS 1, newCS 3} }, legs {{ sourceLeg 2, newLeg 3}, { sourceLeg 3, newLeg 4} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(unexpectedDataValue)
Postamble:	Release_23_CSA2_2

MSC IN3_A_CPH_MOCS_BI_12



IN3_A_CPH_MOCS_BO_01	
Work item no.:	ITEM_CPH_260
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (taskRefused) after having received from the SCF a MoveCallSegments invoke component, when the target CSA contains a CS with a joined controlling leg (Stable_2_Party state) and the source CS is in the Originating_Setup state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S1P_OS_null CSA2_O_S2P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 2, newCS 2 }}, legs {{ sourceLeg 1, newLeg 3}, { sourceLeg 3, newLeg 4} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(taskRefused)
Postamble:	ReleaseAll_3_CSA2_All_2_CPH_260

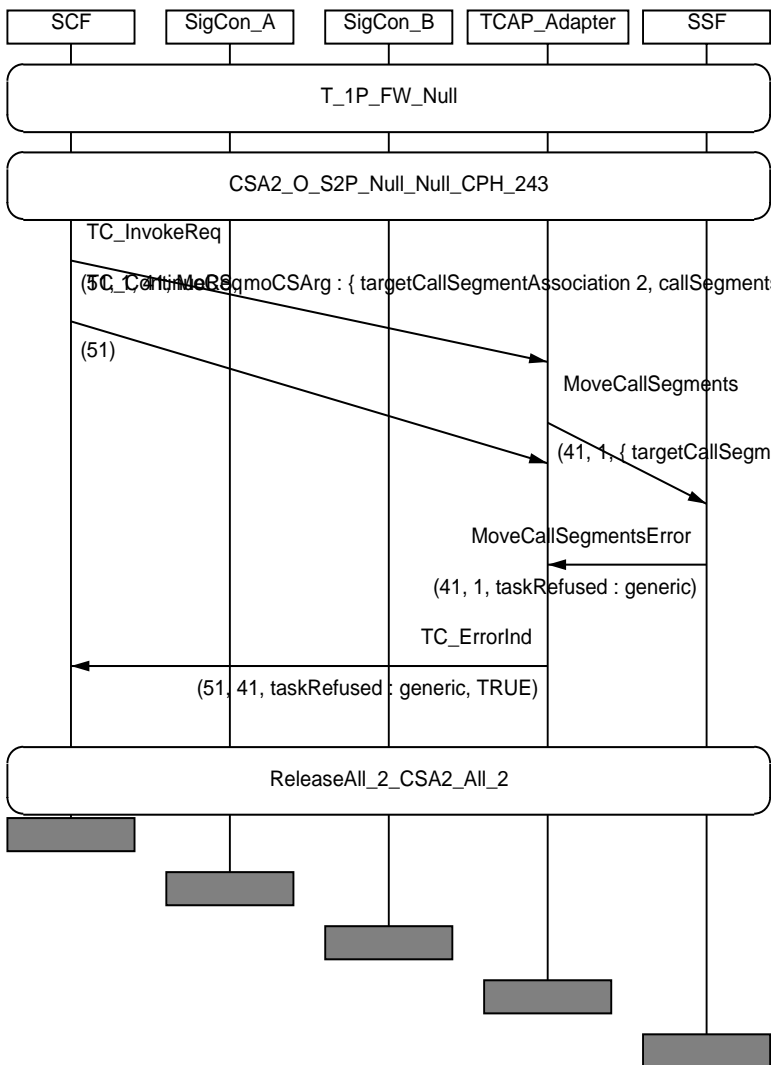
MSC IN3_A_CPH_MOCS_BO_01



IN3_A_CPH_MOCS_BO_02	
Work item no.:	ITEM_CPH_261
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (taskRefused) after having received from the SCF a MoveCallSegments invoke component, when the target CSA contains a CS with a joined controlling leg (Stable_2_Party state) and the source CS is in the Terminating_Setup state (call not being suspended in a state-compatible DP).
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_TSA_null_null CSA2_O_S2P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 1, newLeg 3}, { sourceLeg 2, newLeg 3} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(taskRefused)
Postamble:	ReleaseAll_2_CSA2_All_2

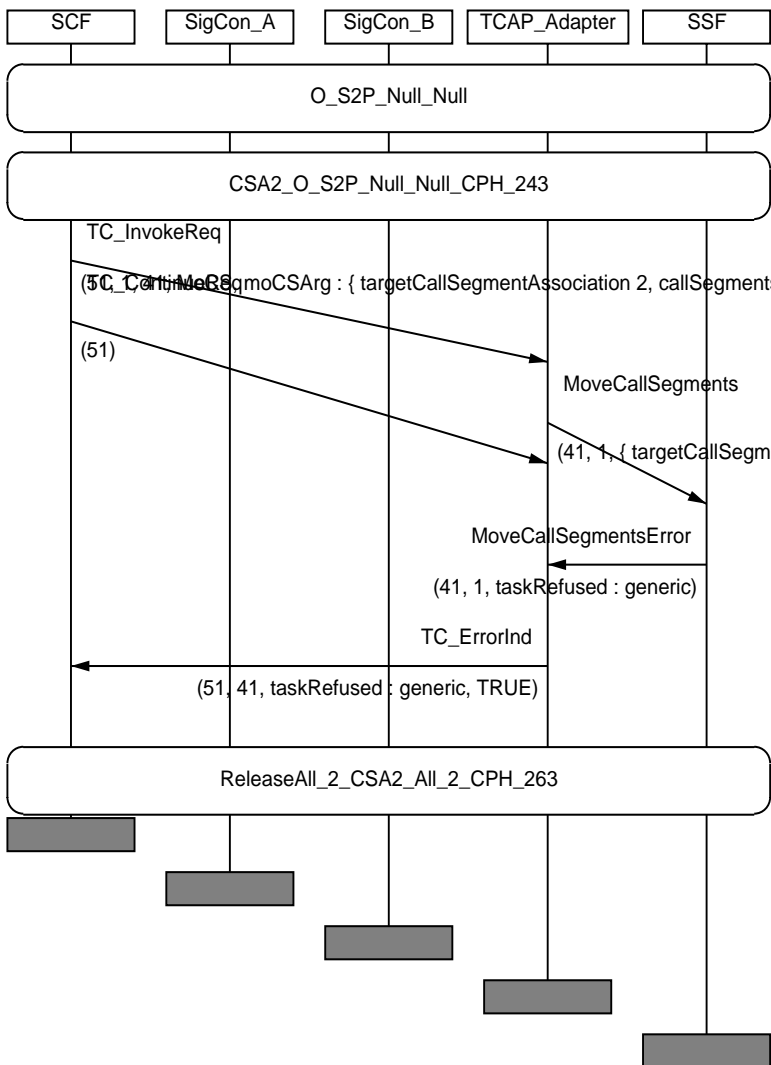
IN3_A_CPH_MOCS_BO_03	
Work item no.:	ITEM_CPH_262
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (taskRefused) after having received from the SCF a MoveCallSegments invoke component, when the target CSA contains a CS with a joined controlling leg (Stable_2_Party state) and the source CS is in the 1_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_1P_FW_null CSA2_O_S2P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 2, newLeg 3 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(taskRefused)
Postamble:	ReleaseAll_2_CSA2_All_2

MSC IN3_A_CPH_MOCS_BO_03



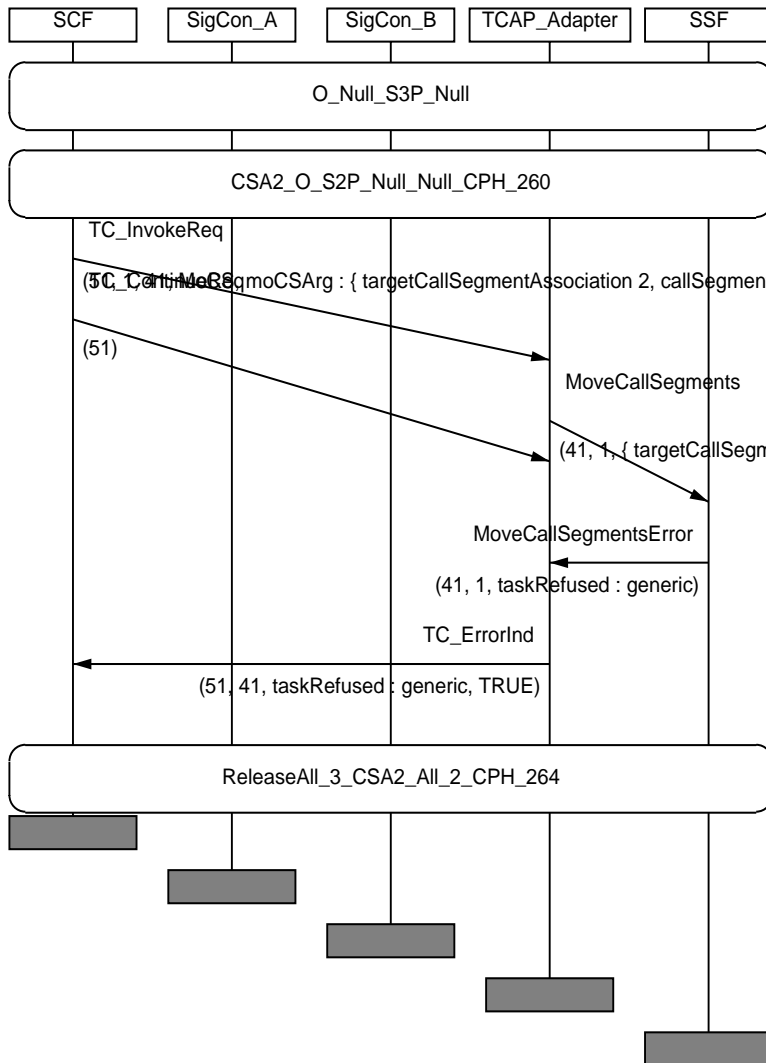
IN3_A_CPH_MOCS_BO_04	
Work item no.:	ITEM_CPH_263
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (taskRefused) after having received from the SCF a MoveCallSegments invoke component, when the target CSA contains a CS with a joined controlling leg (Stable_2_Party state) and the source CS is in the Stable_2_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_S2P_null_null CSA2_O_S2P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 1, newLeg 3}, { sourceLeg 2, newLeg 4} } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(taskRefused)
Postamble:	ReleaseAll_2_CSA2_All_2_CPH_263

MSC IN3_A_CPH_MOCS_BO_04



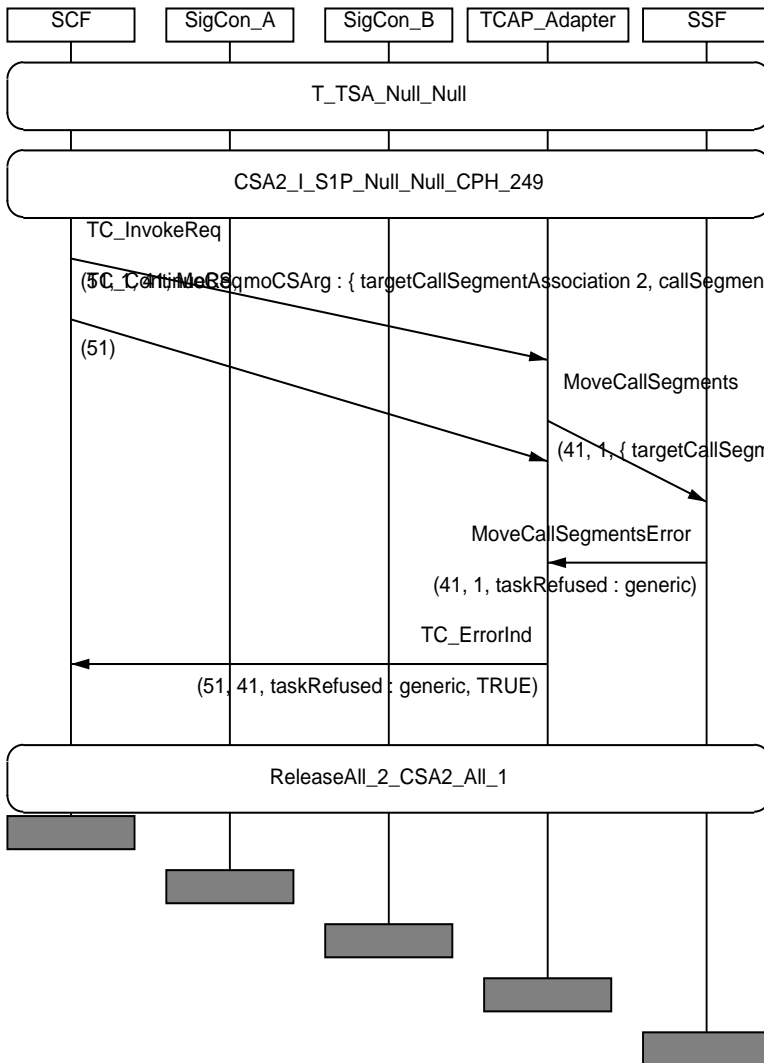
IN3_A_CPH_MOCS_BO_05	
Work item no.:	ITEM_CPH_264
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (taskRefused) after having received from the SCF a MoveCallSegments invoke component, when the target CSA contains a CS with a joined controlling leg (Stable_2_Party state) and the source CS is in the Stable_Multi_Party state.
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	O_null_S3P_null CSA2_O_S2P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 2, newCS 2 }}, legs {{ sourceLeg 1, newLeg 3}, { sourceLeg 2, newLeg 4}, { sourceLeg 3, newLeg 5 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(taskRefused)
Postamble:	ReleaseAll_3_CSA2_All_2_CPH_264

MSC IN3_A_CPH_MOCS_BO_05



IN3_A_CPH_MOCS_BO_06	
Work item no.:	ITEM_CPH_265
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF sends to the SCF a MoveCallSegments ReturnError component (taskRefused) after having received from the SCF a MoveCallSegments invoke component, when the target CSA contains no CS with a joined or pending controlling leg (1 CS in Stable_1_Party state) and the source CS is in the Terminating_Setup state (call not being suspended in a state-compatible DP).
Requirements refs	8.2, 8.2.1, 8.2.1.2, 8.2.2, 11.30.1, 11.30.1.1.1, 11.30.3.1 (table 25), 11.30.3.2, 13.1.10.1, 15.1.1.2.2
Selection Cond.	
Preamble:	T_TSA_null_null CSA2_I_S1P_null_null
Test description	<pre> L1!MoveCallSegments({ targetCSA csalD2, callSegments {{ sourceCS 1, newCS 2 }}, legs {{ sourceLeg 1, newLeg 3}, { sourceLeg 2, newLeg 4 } } }) </pre>
Pass criteria	L1!MoveCallSegments ReturnError(taskRefused)
Postamble:	ReleaseAll_2_CSA2_All_1

MSC IN3_A_CPH_MOCS_BO_06



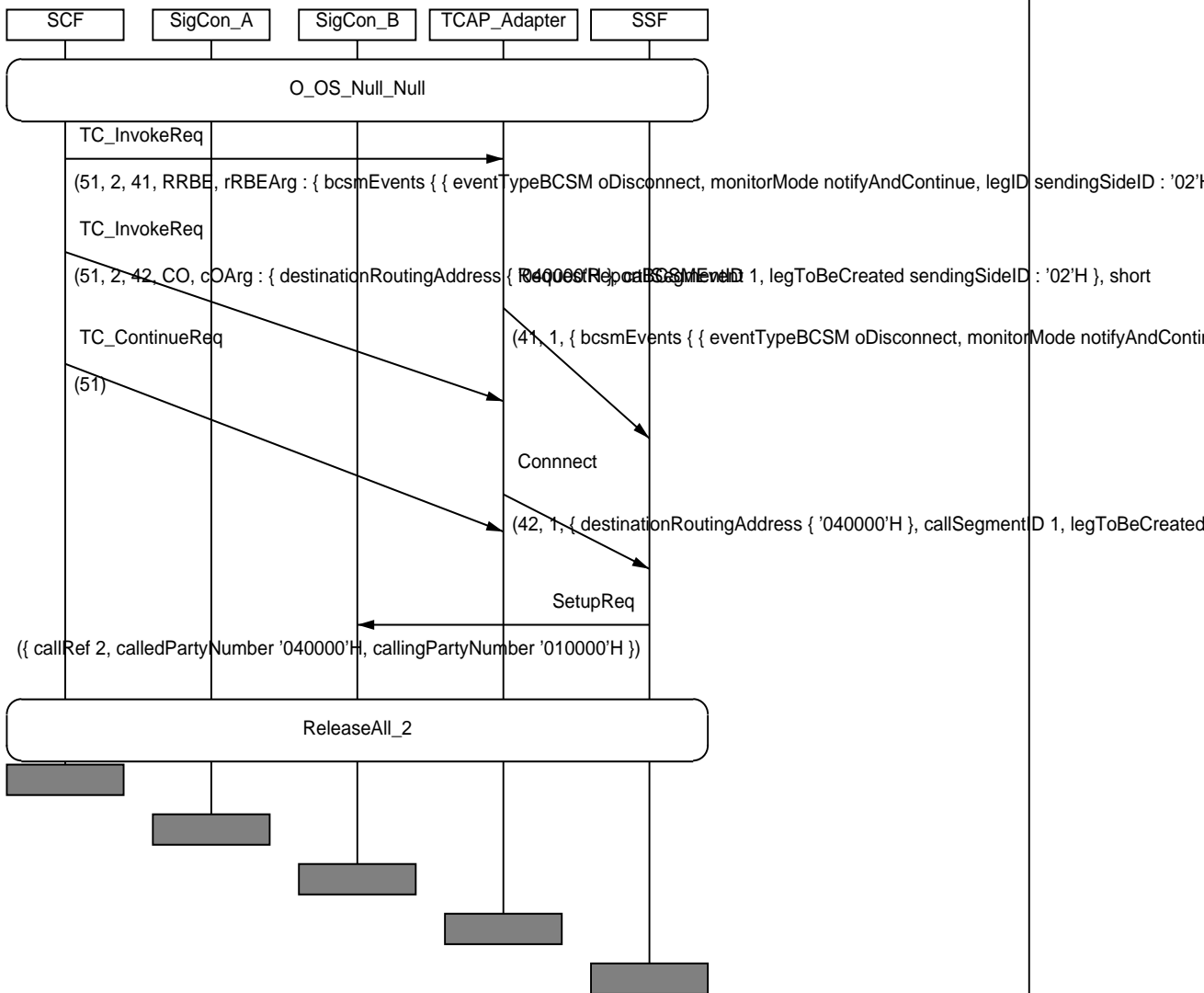
9 Test Purpose (TP) descriptions for the test of mixed call handling capabilities

This clause includes the TPs for testing the mixed call handling capabilities, which are not covered by the the Test Purposes for the individual call handling-related procedures. Due to the large number of possible transitions, the TPs are restricted to a limited number of cases covering the switch functionality. Taking the preamble tree as starting point and successively going from simple to more complex preamble states, a sequence of operations is applied bringing the IUT to the state to be tested.

9.1 Originating (O_BCSM) trigger (controlling legID = 1)

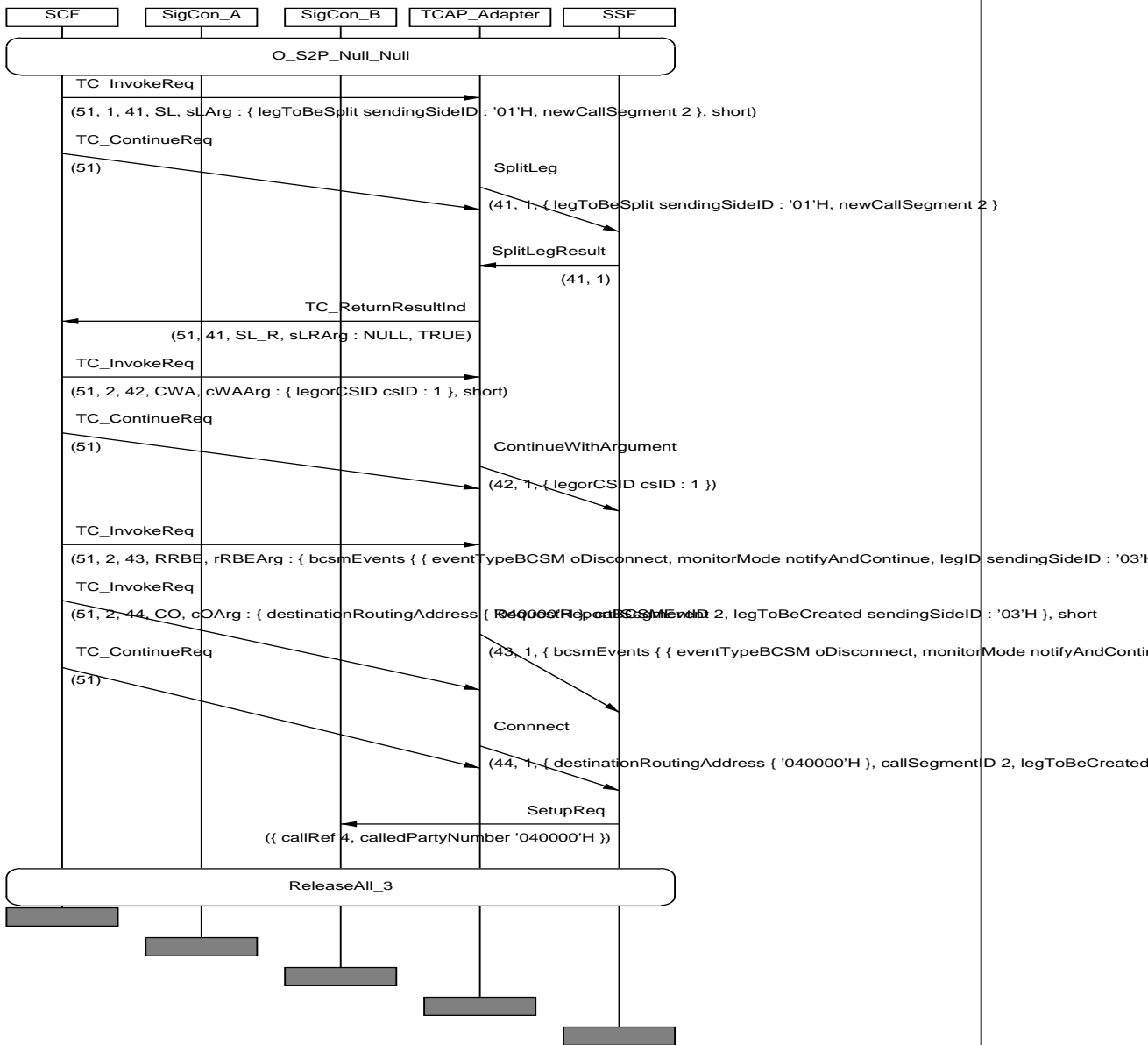
IN3_A_CPH_MIX_01	
Work item no.:	ITEM_CPH_28
IN2 Ref(tmp)	IN2_A_CPH_001
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_OS_null_null , initiates a SetupReq to SigConB, when having received from the SCF a Connect invoke component.
Requirements refs	6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2.7, 8.2, 8.2.1.2, 8.2.2, 8.2.2, 8.3.2, 8.4.2, 11.12, 11.38
Selection Cond.	
Preamble:	O_OS_null_null
Test description	L1!RequestReportBCSMEvent(2,notifyAndContinue,oDisconnect) L1!Connect(2,1)
Pass criteria	CP1_2?SetupReq
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_MIX_01



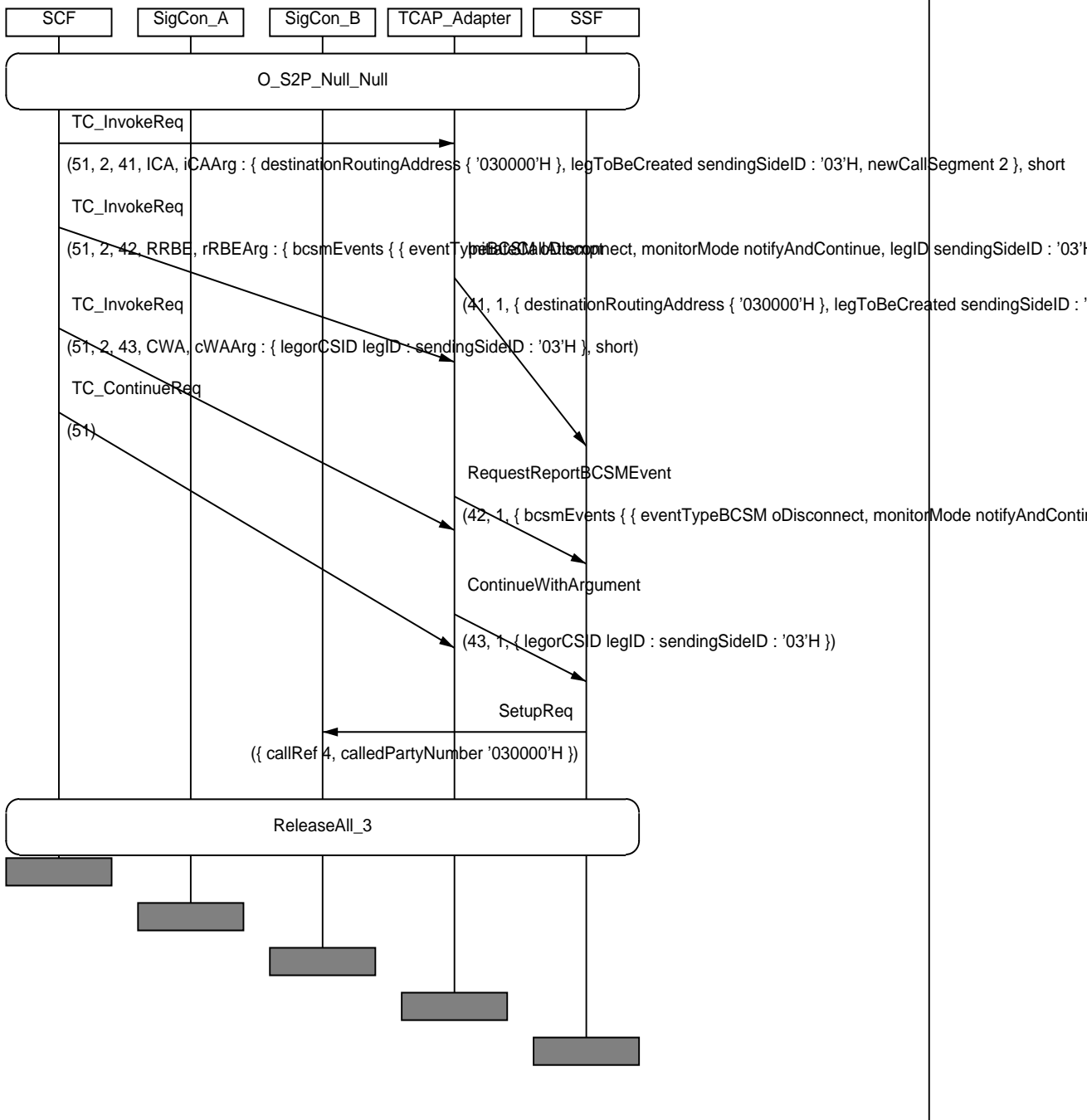
IN3_A_CPH_MIX_02	
Work item no.:	ITEM_CPH_30
IN2 Ref(tmp)	IN2_A_CPH_003
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_S2P_null_null , sends to the SCF a SplitLeg returnResult component, when having received from the SCF a SplitLeg invoke component (legToBeSplit=1,newcsID=2), and initiates a SetupReq to SigConC (leg 3), after having received from the SCF a Connect invoke component for (legToBeCreated=3,csID=2).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 8.3.2, 8.4.2, 11.12, 11.15, 11.38, 11.46
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!SplitLeg(1,2) L1?SplitLegReturnResult L1!ContinueWithArgument (csID = 1) L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect) L1!Connect(3,2) reaching state O_S1P_OS_null
Pass criteria	CP1_3?SetupReq
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MIX_02



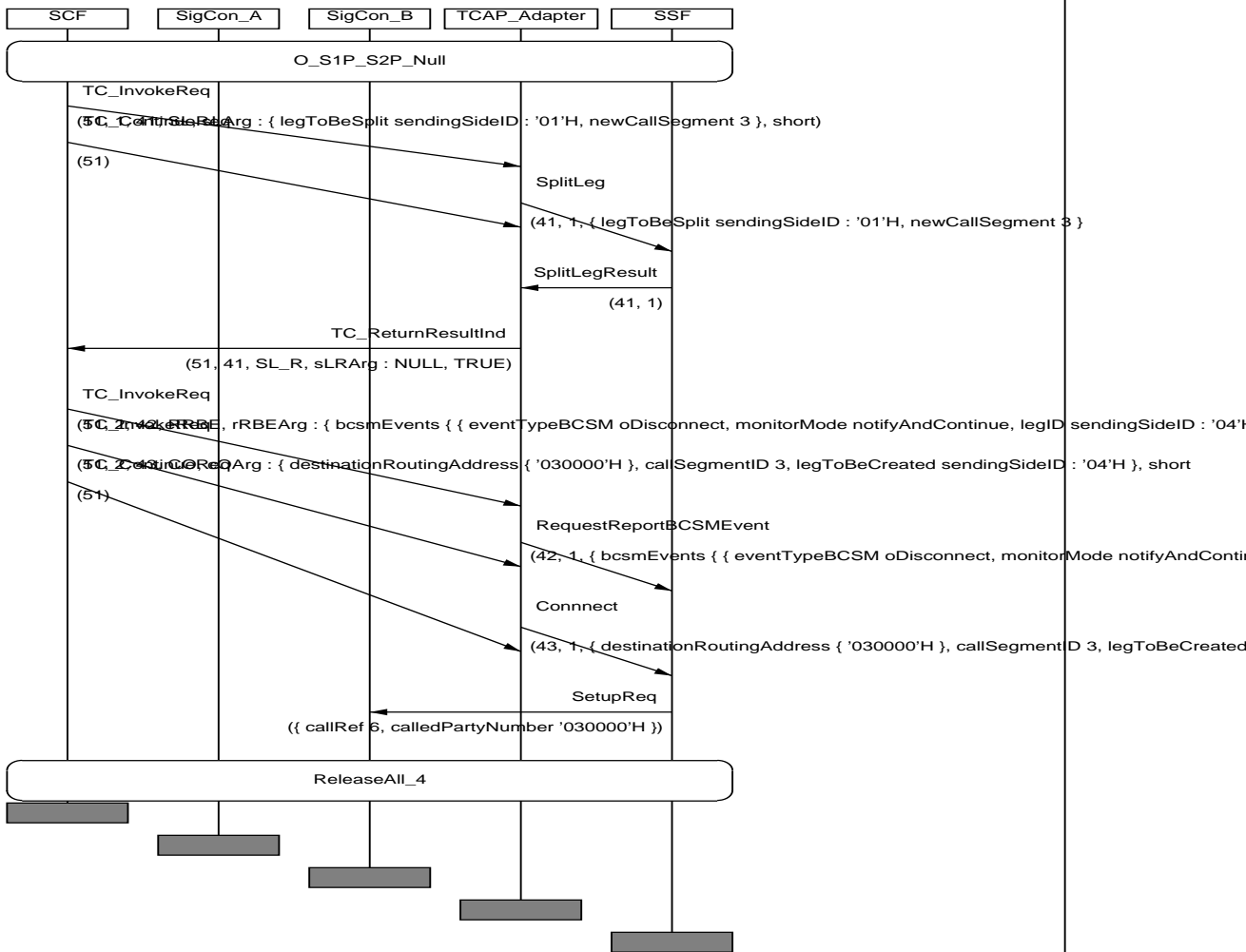
IN3_A_CPH_MIX_03	
Work item no.:	ITEM_CPH_32
IN2 Ref(tmp)	IN2_A_CPH_005
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_S2P_null_null , sends a SetupReq signal to SigConC, when having received from the SCF an InitiateCallAttempt (legToBeCreated=3,newcsID=2) invoke component, followed by a ContinueWithArgument invoke component containing parameter legID=3.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.27
Selection Cond.	
Preamble:	O_S2P_null_null
Test description	L1!InitiateCallAttempt(3,2) L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=3) Reaching state O_S2P_OS_null
Pass criteria	CP1_3?SetupReq
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_MIX_03



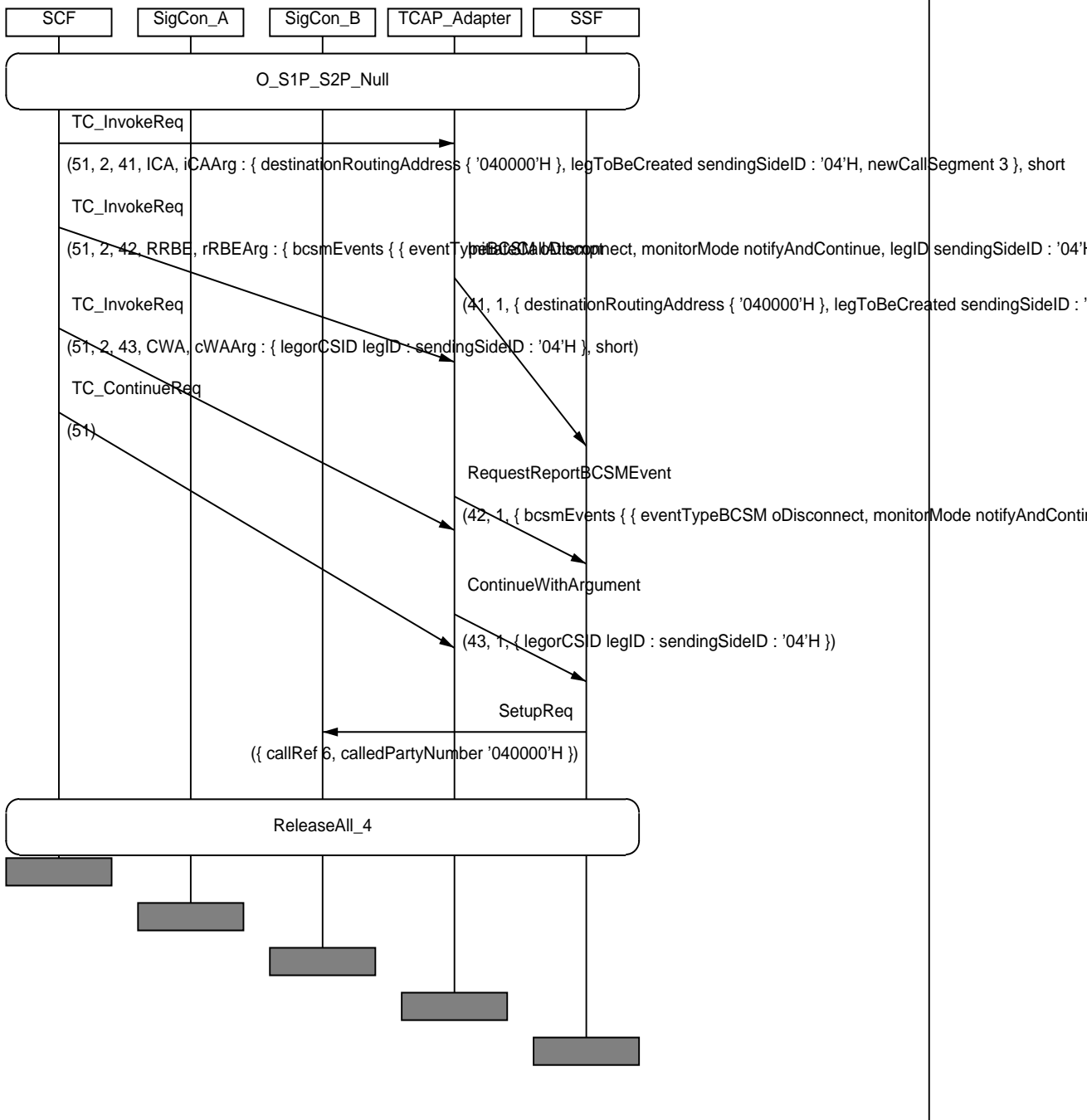
IN3_A_CPH_MIX_04	
Work item no.:	ITEM_CPH_33
IN2 Ref(tmp)	IN2_A_CPH_006
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_S1P_S2P_null , sends to the SCF a SplitLeg returnResult component, when having received from the SCF a SplitLeg invoke component (legToBeSplit=1,newcsID=3), and initiates a SetupReq to SigConD (leg 4), after having received from the SCF a Connect invoke component for (legToBeCreated=4,csID=3).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 8.3.2, 8.4.2, 11.12, 11.15, 11.38, 11.46
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!SplitLeg(1,3) L1?SplitLegReturnResult L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect) L1!Connect(4,3) Reaching state O_S1P_S1P_OS
Pass criteria	CP1_4?SetupReq
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_MIX_04



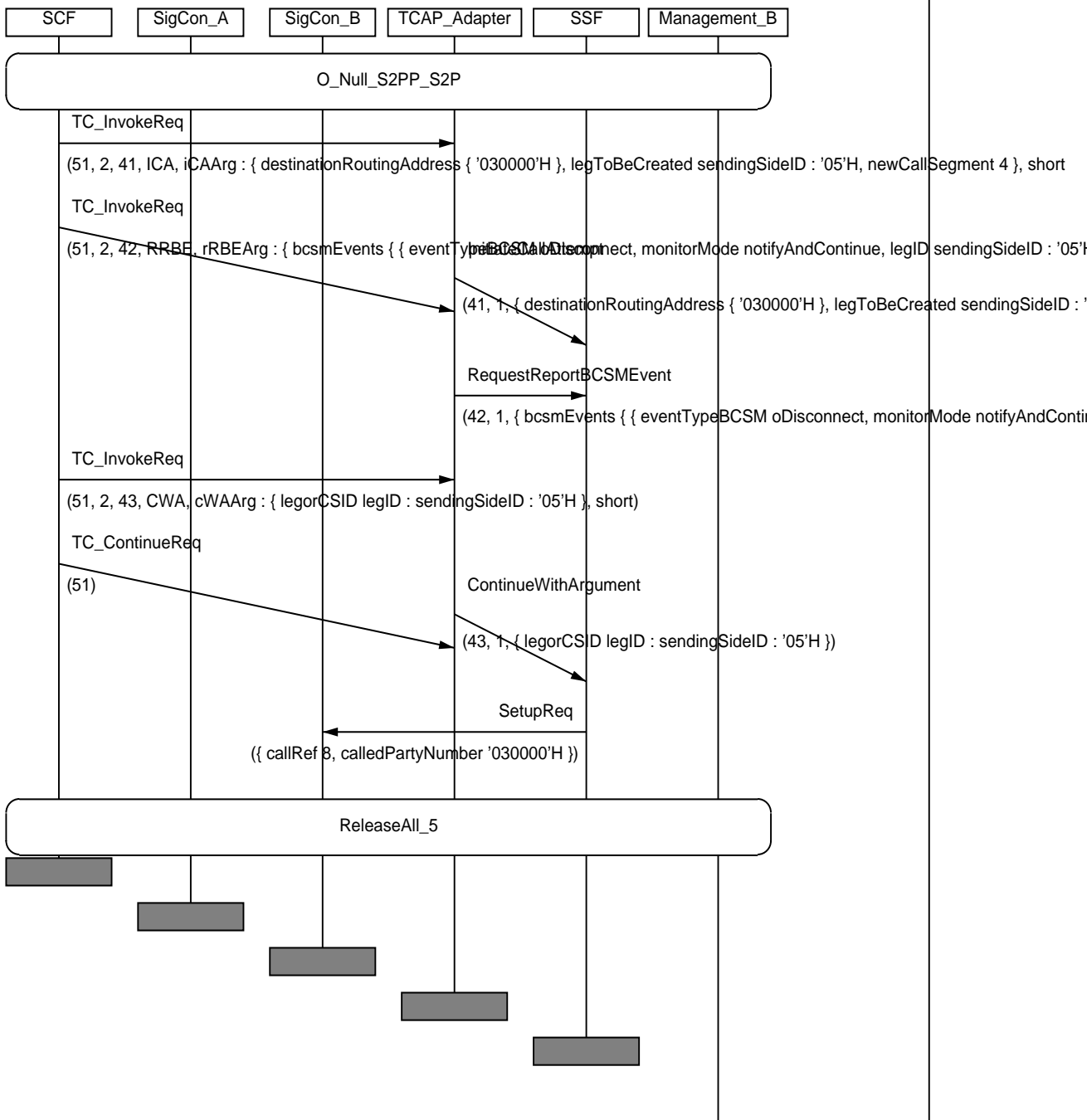
IN3_A_CPH_MIX_05	
Work item no.:	ITEM_CPH_37
IN2 Ref(tmp)	IN2_A_CPH_010
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_S2P_null, sends a SetupReq to SigConD after having received from the SCF an InitiateCallAttempt (legToBeCreated=4,newcsID=3) invoke component, followed by a ContinueWithArgument invoke component with parameter legID=4.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.27
Selection Cond.	
Preamble:	O_S1P_S2P_null
Test description	L1!InitiateCallAttempt(4,3) L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=4) Reaching state O_S1P_S2P_OS
Pass criteria	CP1_4?SetupReq
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_MIX_05



IN3_A_CPH_MIX_06	
Work item no.:	ITEM_CPH_43
IN2 Ref(tmp)	IN2_A_CPH_016
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S2PP_S2P , sends a SetupReq to SigConE after having received from the SCF an InitiateCallAttempt (legToBeCreated=5,newcsID=4) invoke component, followed by a ContinueWithArgument invoke component with parameter legID=5.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.27
Selection Cond.	
Preamble:	O_null_S2PP_S2P
Test description	L1!InitiateCallAttempt(5,4) L1!RequestReportBCSMEEvent(5,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=5) Reaching state O_null_S2PP_S2P_OS
Pass criteria	CP1_5?SetupReq
Postamble:	ReleaseAll_5

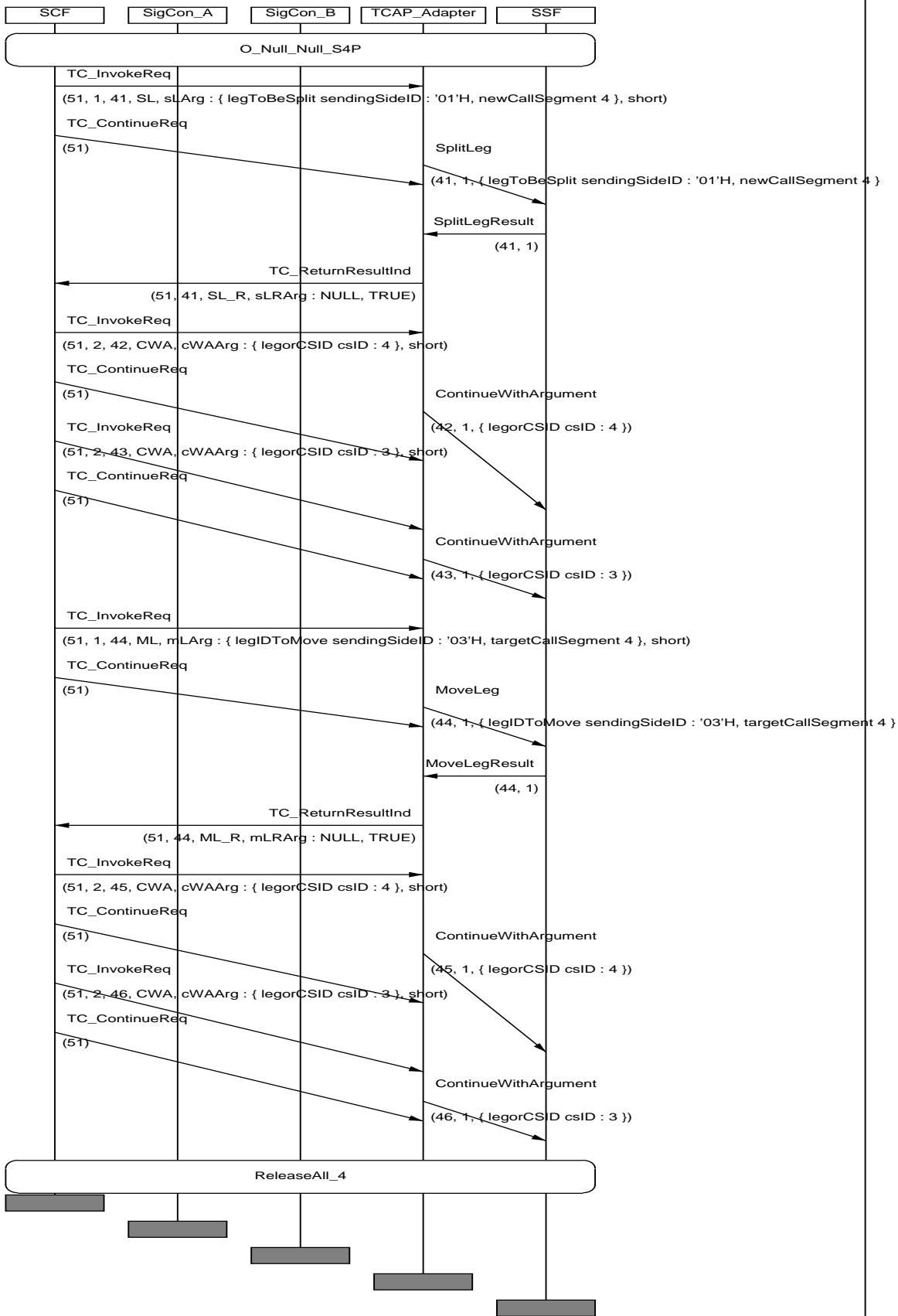
MSC IN3_A_CPH_MIX_06



IN3_A_CPH_MIX_07	
Work item no.:	ITEM_CPH_44
IN2 Ref(tmp)	IN2_A_CPH_017
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_null_null_S4P , sends to the SCF a SplitLeg returnResult component, when having received from the SCF a SplitLeg invoke component (legToBeSplit=1,newcsID=4), and initiates a SetupReq to SigConE (leg 5), after having received from the SCF a Connect invoke component for (legToBeCreated=5, csID=4).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 8.3.2, 8.4.2, 11.12, 11.15, 11.38, 11.46
Selection Cond.	
Preamble:	O_null_null_S4P
Test description	L1!SplitLeg(1,4) L1?SplitLegReturnResult L1!RequestReportBCSMEEvent(5,notifyAndContinue,oDisconnect) L1!Connect(5,4) Reaching state - O_Null_Null_S2P_S3PP_OS
Pass criteria	CP1_5?SetupReq
Postamble:	ReleaseAll_5

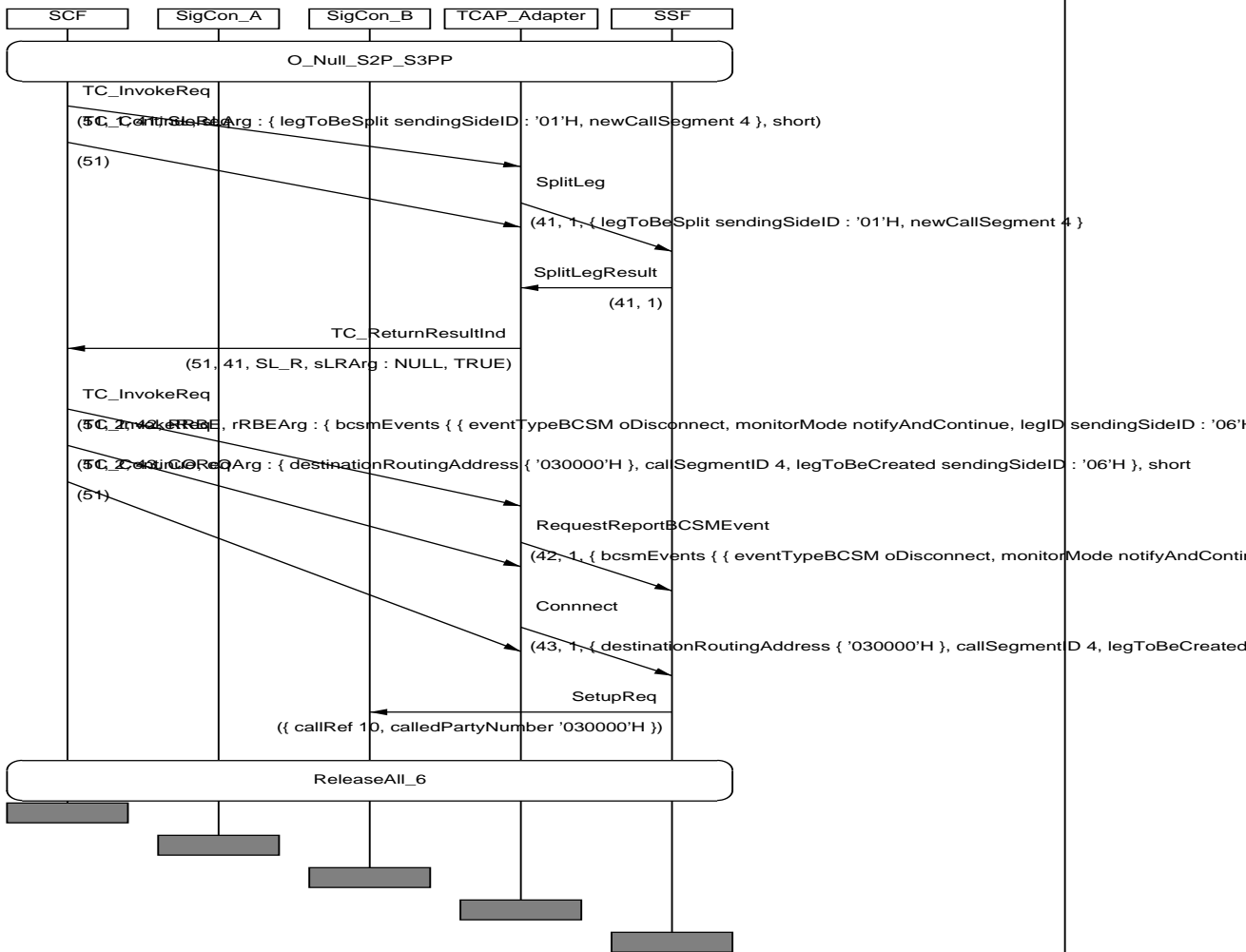
IN3_A_CPH_MIX_08	
Work item no.:	ITEM_CPH_45
IN2 Ref(tmp)	IN2_A_CPH_018
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_null_null_S4P , sends to the SCF a SplitLeg returnResult component, when having received from the SCF a SplitLeg invoke component (legToBeSplit=1,newcsID=4), and sends to the SCF a MoveLeg ReturnResult component after having received from the SCF a MoveLeg invoke component with parameters legIDToMove =3 and targetCS=4.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.31, 11.46
Selection Cond.	
Preamble:	O_null_null_S4P
Test description	L1!SplitLeg(1,4) L1!ContinueWithArgument(csID=4) L1!ContinueWithArgument(csID=3) L1!MoveLeg(3,4) L1!ContinueWithArgument(csID=4) L1!ContinueWithArgument(csID=3) Reaching state O_null_null_S2PP_S2P
Pass criteria	SSF sends SplitLegReturnResult and SSF sends MoveLegReturnResult
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_MIX_08



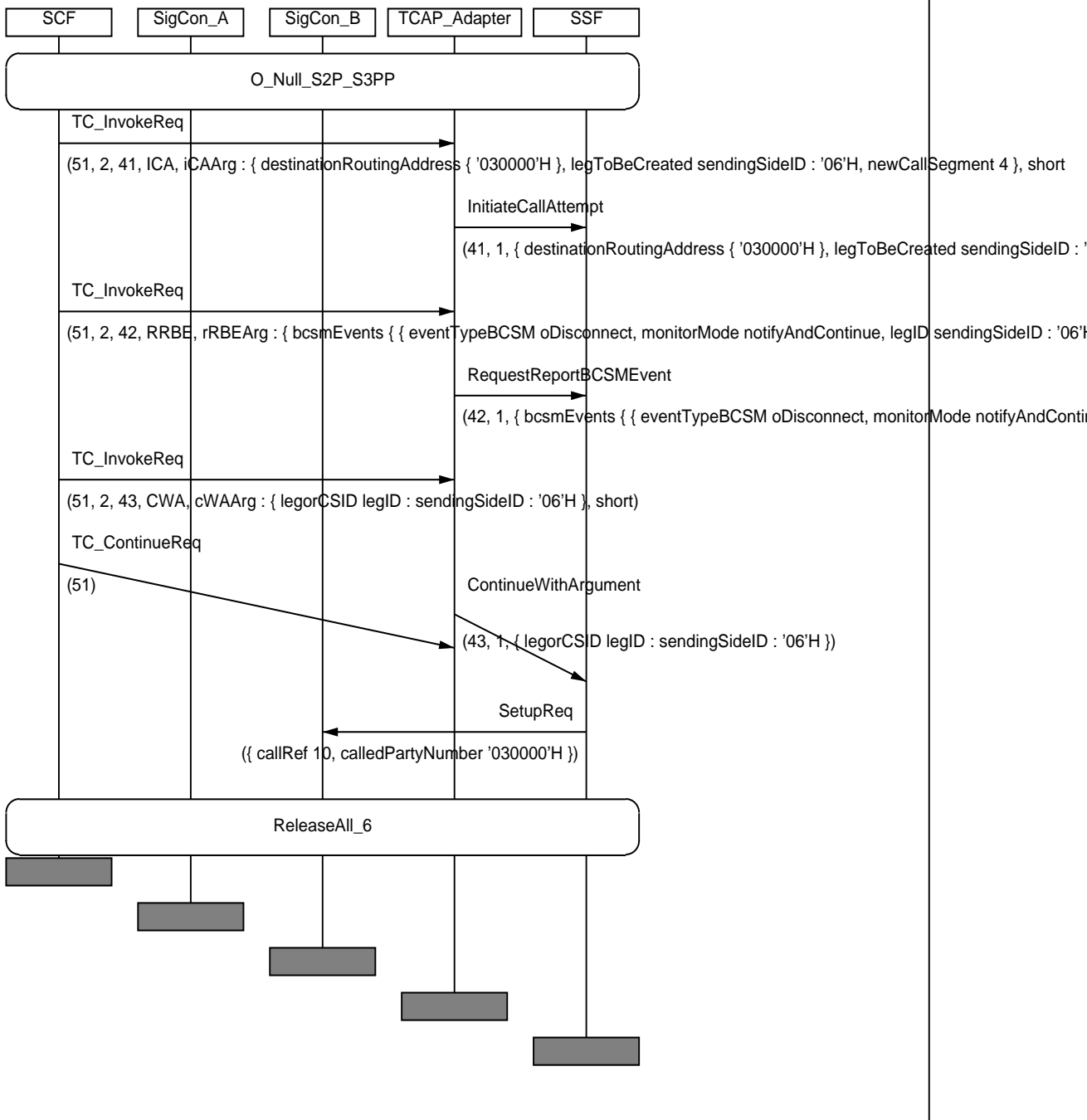
IN3_A_CPH_MIX_09	
Work item no.:	ITEM_CPH_48
IN2 Ref(tmp)	IN2_A_CPH_021
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_null_S2P_S3PP , sends to the SCF a SplitLeg returnResult component, when having received from the SCF a SplitLeg invoke component (legToBeSplit=1,newcsID=4), and initiates a SetupReq to SigConF (leg 6), after having received from the SCF a Connect invoke component for (legToBeCreated=6, csID=4).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.38, 11.46
Selection Cond.	
Preamble:	O_null_S2P_S3PP
Test description	L1!SplitLeg(1,4) L1?SplitLegReturnResult L1!RequestReportBCSMEEvent(6,notifyAndContinue,oDisconnect) L1!Connect(6,4) Reaching state O_null_S1P_S3PP_OS
Pass criteria	CP1_6?SetupReq
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MIX_09



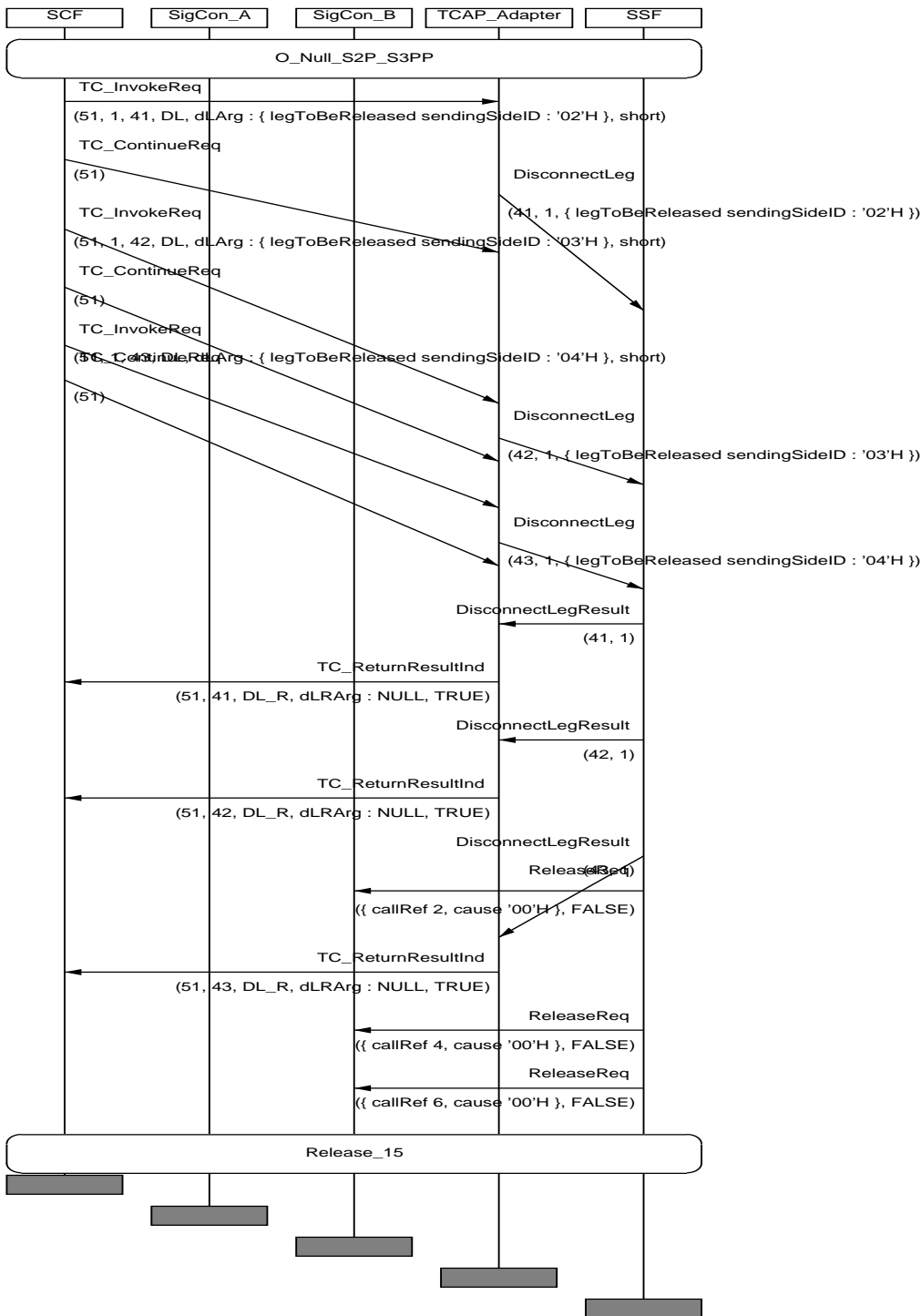
IN3_A_CPH_MIX_10	
Work item no.:	ITEM_CPH_50
IN2 Ref(tmp)	IN2_A_CPH_023
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S2P_S3PP , sends a SetupReq to SigConF (leg 6) after having received from the SCF an InitiateCallAttempt (legToBeCreated=6,newcsID=4) invoke component, followed by a ContinueWithArgument invoke component with parameter legID=6.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.27
Selection Cond.	
Preamble:	O_null_S2P_S3PP
Test description	L1!InitiateCallAttempt(6,4) L1!RequestReportBCSMEEvent(6,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=6) Reaching state O_null_S2P_S3PP_S1P
Pass criteria	CP1_6?SetupReq
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MIX_10



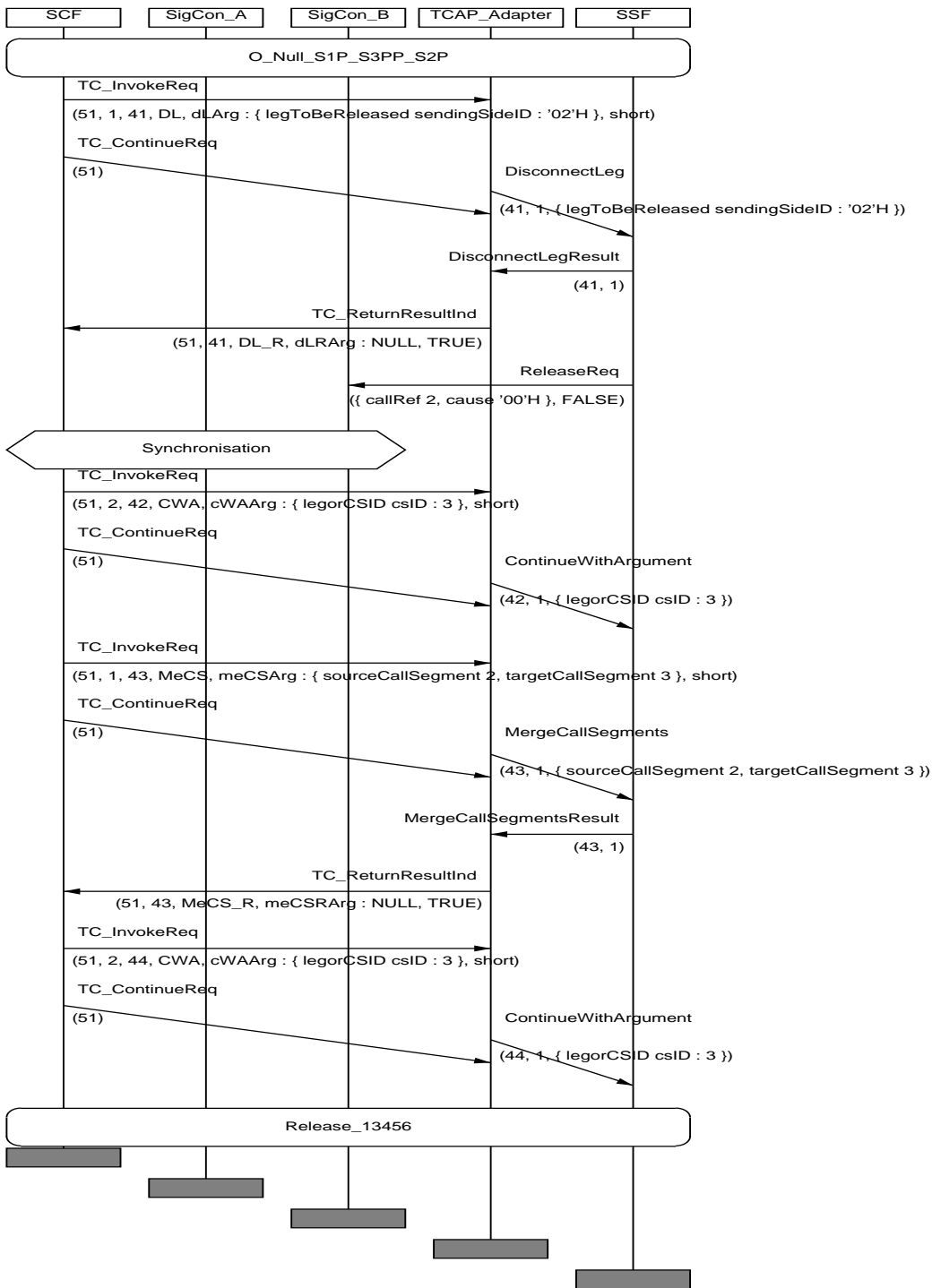
IN3_A_CPH_MIX_11	
Work item no.:	ITEM_CPH_51
IN2 Ref(tmp)	IN2_A_CPH_024
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_null_S2P_S3PP , sends to the SCF 3 successive DisconnectLeg returnResult components, when having received from the SCF DisconnectLeg invoke components for leg 2, leg 3 and leg 4 respectively, and initiates ReleaseReq signals to SigConB (leg 2), SigConC (leg 3) and SigConD (leg 4) .
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20
Selection Cond.	
Preamble:	O_null_S2P_S3PP
Test description	L1!DisconnectLeg(2) L1!DisconnectLeg(3) L1!DisconnectLeg(4) L1?DisconnectLegReturnResult L1?DisconnectLegReturnResult L1?DisconnectLegReturnResult Reaching state O_null_S2P_null
Pass criteria	CP1_2?ReleaseReq CP1_3?ReleaseReq CP1_4?ReleaseReq
Postamble:	Release_15

MSC IN3_A_CPH_MIX_11



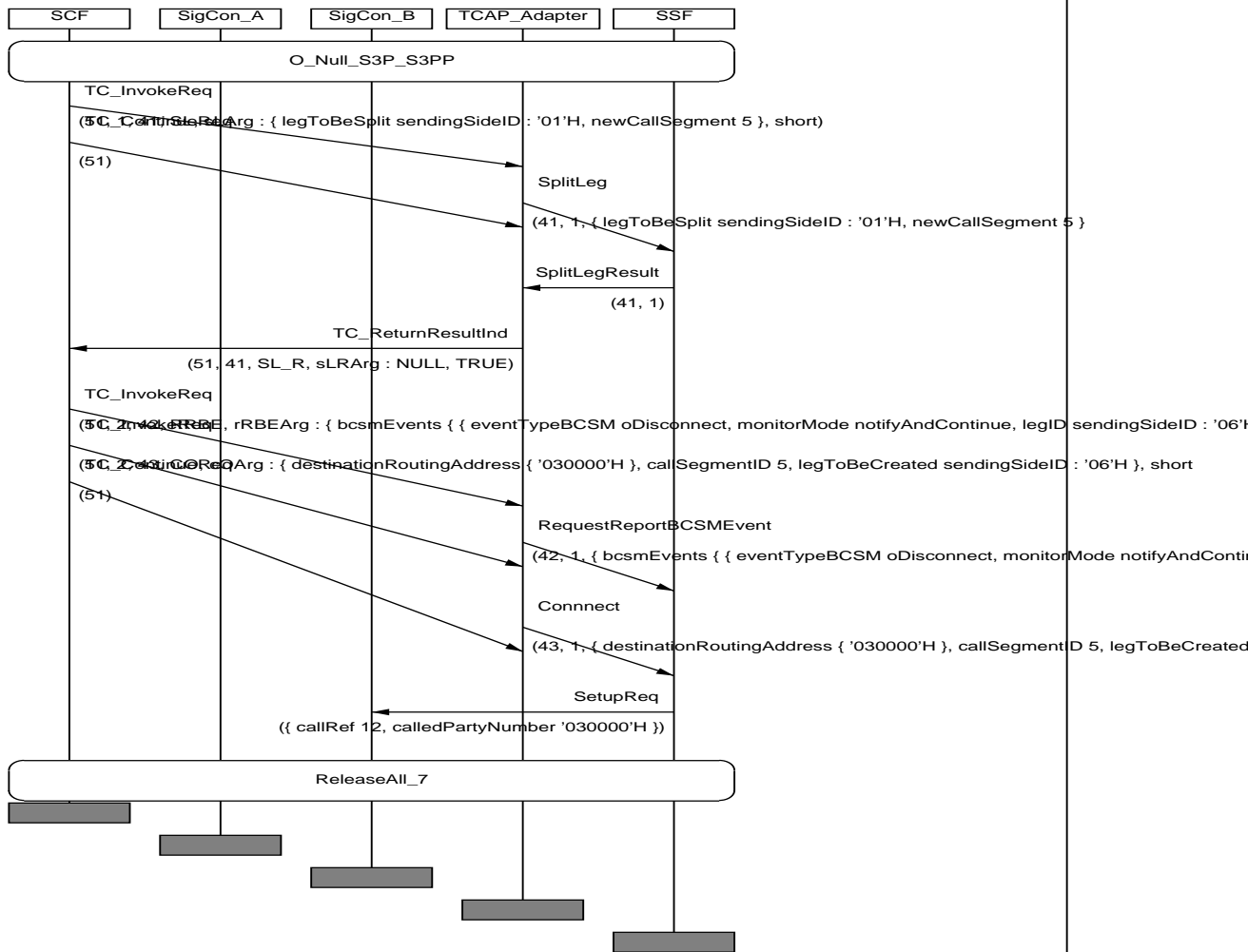
IN3_A_CPH_MIX_12	
Work item no.:	ITEM_CPH_53
IN2 Ref(tmp)	IN2_A_CPH_026
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_null_S1P_S3PP_S2P , sends to the SCF a DisconnectLeg returnResult component, when having received from the SCF a DisconnectLeg invoke component for leg 2 (csID=3), initiates a ReleaseReq signal to SigConB (leg 2) after having received from the SCF a ContinueWithArgument (csID = 3) invoke component, and sends to the SCF a MergeCallSegments ReturnResult component after having received from the SCF a MergeCallSegments invoke component with parameters sourceCS=2 and targetCS=3.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.15, 11.20, 11.29
Selection Cond.	
Preamble:	O_null_S1P_S3PP_S2P
Test description	L1!DisconnectLeg(2) L1?DisconnectLegReturnResult CP1_2?ReleaseReq L1!MergeCallSegments(2,3) L1?MergeCallSegments ReturnResult L1!ContinueWithArgument(csID=3) Reaching state O_S2P_null_S3PP
Pass criteria	DisconnectLegReturnResult CP1_2?ReleaseReq MergeCallSegments ReturnResult
Postamble:	Release_13456

MSC IN3_A_CPH_MIX_12



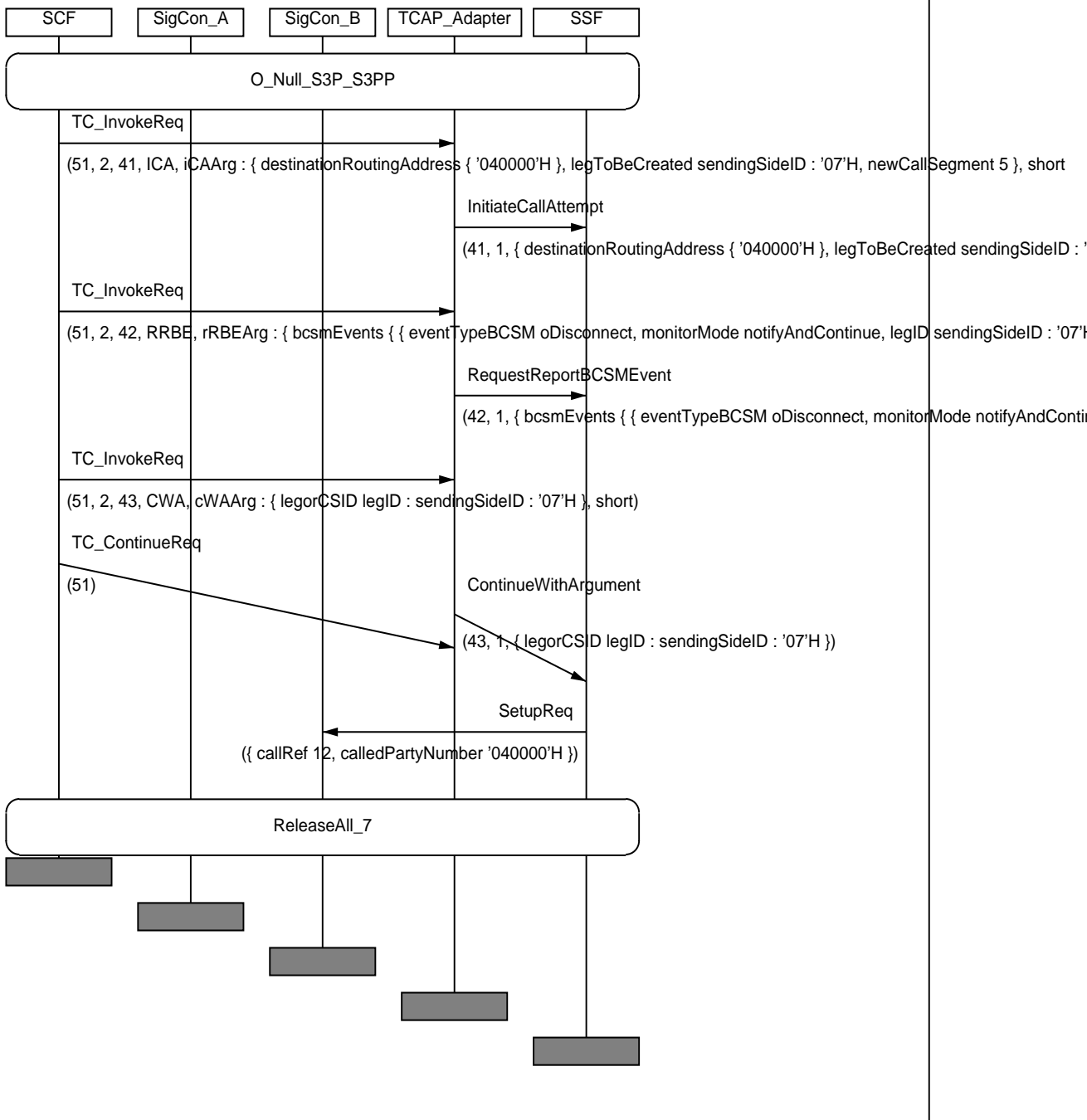
IN3_A_CPH_MIX_13	
Work item no.:	ITEM_CPH_55
IN2 Ref(tmp)	IN2_A_CPH_028
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_null_S3P_S3PP , sends to the SCF a SplitLeg returnResult component, when having received from the SCF a SplitLeg invoke component (legToBeSplit=1,newcsID=4), and initiates a SetUpReq to SigConG (leg 7), after having received from the SCF a Connect invoke component for (legToBeCreated=7, csID=4).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 8.3.2, 8.4.2, 11.12, 11.15, 11.38, 11.46
Selection Cond.	
Preamble:	O_null_S3P_S3PP
Test description	L1!SplitLeg(1,4) L1?SplitLegReturnResult L1!RequestReportBCSMEEvent(7,notifyAndContinue,oDisconnect) L1!Connect(7,4) Reaching state O_null_S2PP_S3PP_S2P
Pass criteria	CP1_7?SetUpReq
Postamble:	ReleaseAll_7

MSC IN3_A_CPH_MIX_13



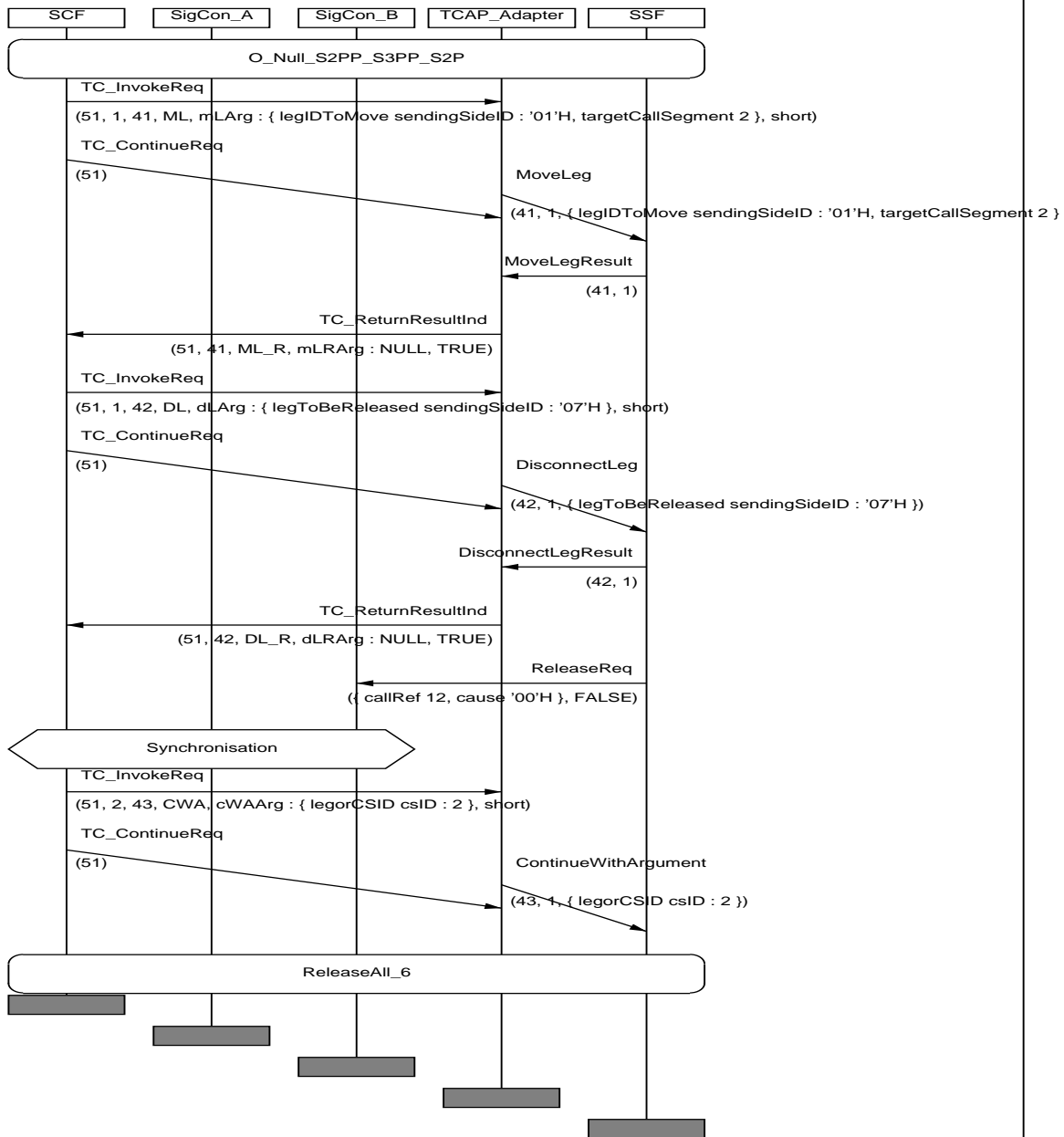
IN3_A_CPH_MIX_14	
Work item no.:	ITEM_CPH_57
IN2 Ref(tmp)	IN2_A_CPH_030
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S3P_S3PP , sends a SetupReq to SigConG (leg 7) after having received from the SCF an InitiateCallAttempt (legToBeCreated=7,newcsID=4) invoke component, followed by a ContinueWithArgument invoke component with parameter legID=7.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.27
Selection Cond.	
Preamble:	O_null_S3P_S3PP
Test description	L1!InitiateCallAttempt(7,5) L1!RequestReportBCSMEvent(7,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=7)
Pass criteria	CP1_7?SetupReq
Postamble:	ReleaseAll_7

MSC IN3_A_CPH_MIX_14



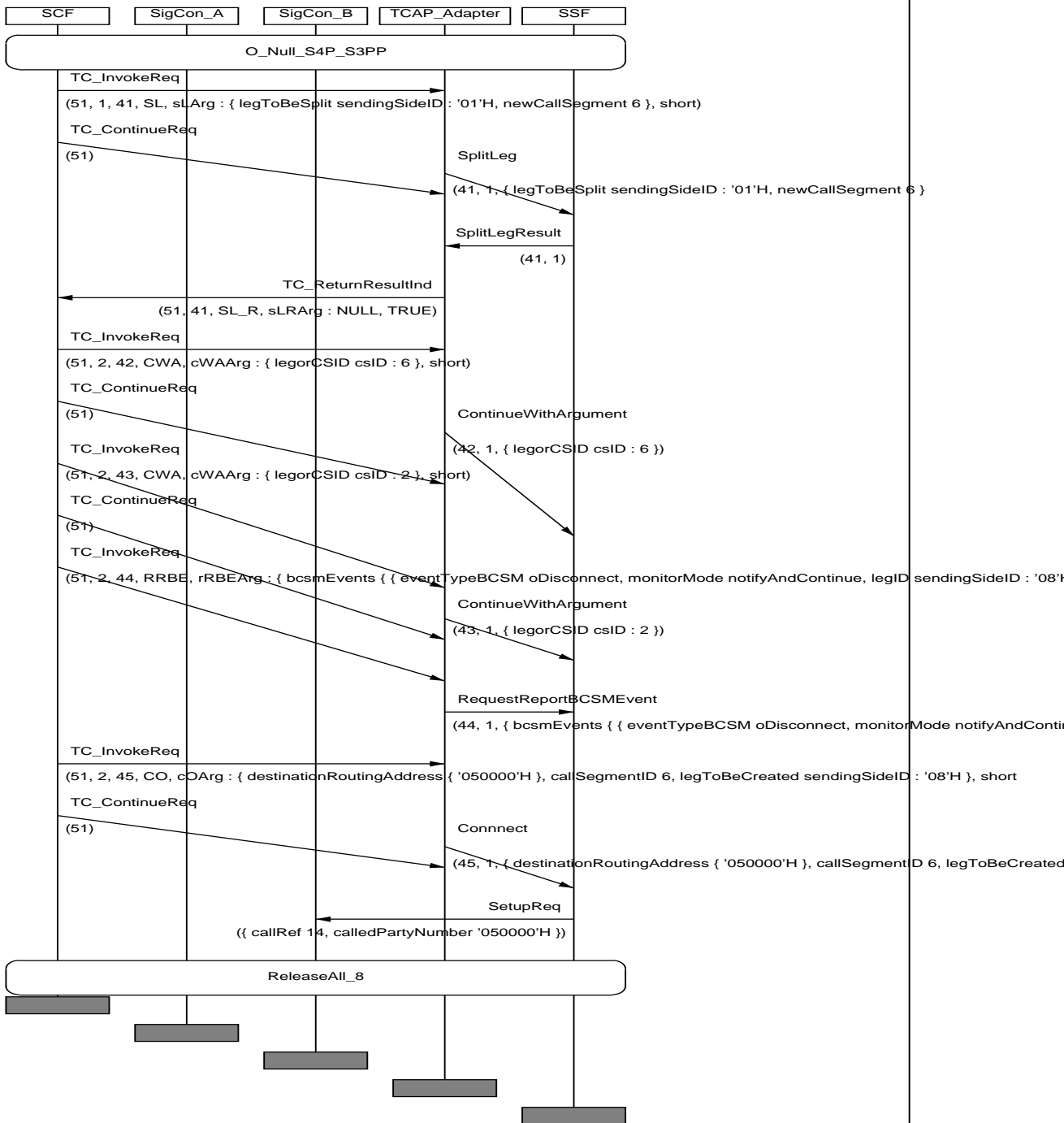
IN3_A_CPH_MIX_15	
Work item no.:	ITEM_CPH_59
IN2 Ref(tmp)	IN2_A_CPH_032
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S2PP_S3PP_S2P , sends to the SCF a MoveLeg ReturnResult component after having received from the SCF a MoveLeg invoke component with parameters legIDToMove =1 and targetCS=2, and sends to the SCF a DisconnectLeg returnResult component, when having received from the SCF a DisconnectLeg invoke component for leg 7 (CSid=1).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.15, 11.20, 11.31
Selection Cond.	
Preamble:	O_null_S2PP_S3PP_S2P
Test description	L1!MoveLeg(1,2) L1?MoveLegReturnResult L1!DisconnectLeg(7) L1!ContinueWithArgument(csID=2) L1?DisconnectLegReturnResult Reaching state O_null_S3P_S3PP
Pass criteria	CP1_7?ReleaseReq
Postamble:	ReleaseAll_6

MSC IN3_A_CPH_MIX_15



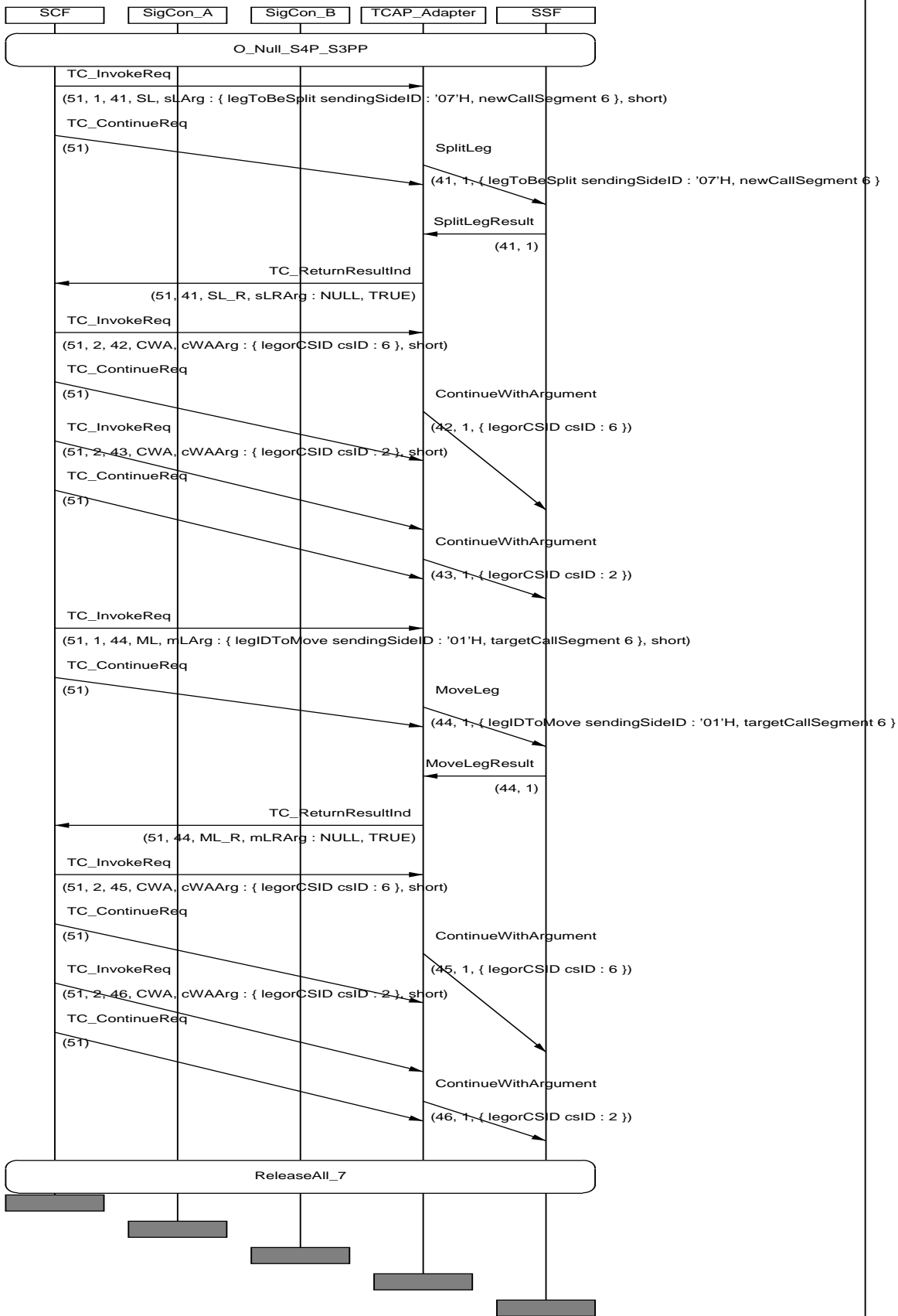
IN3_A_CPH_MIX_16	
Work item no.:	ITEM_CPH_61
IN2 Ref(tmp)	IN2_A_CPH_034
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_null_S4P_S3PP , sends to the SCF a SplitLeg returnResult component, when having received from the SCF a SplitLeg invoke component (legToBeSplit=1,newcsID=4), and initiates a SetupReq to SigConH (leg 8), after having received from the SCF a Connect invoke component for (legToBeCreated=8, csID=4).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 8.3.2, 8.4.2, 11.12, 11.15, 11.38, 11.46
Selection Cond.	
Preamble:	O_null_S4P_S3PP
Test description	L1!SplitLeg(1,4) L1?SplitLegReturnResult L1!ContinueWithArgument(csID=4) L1!ContinueWithArgument(csID=2) L1!RequestReportBCSMEEvent(8,notifyAndContinue,oDisconnect) L1!Connect(8,4) Reaching state O_null_S3PP_S3PP_OS
Pass criteria	CP1_8?SetupReq
Postamble:	ReleaseAll_8

MSC IN3_A_CPH_MIX_16



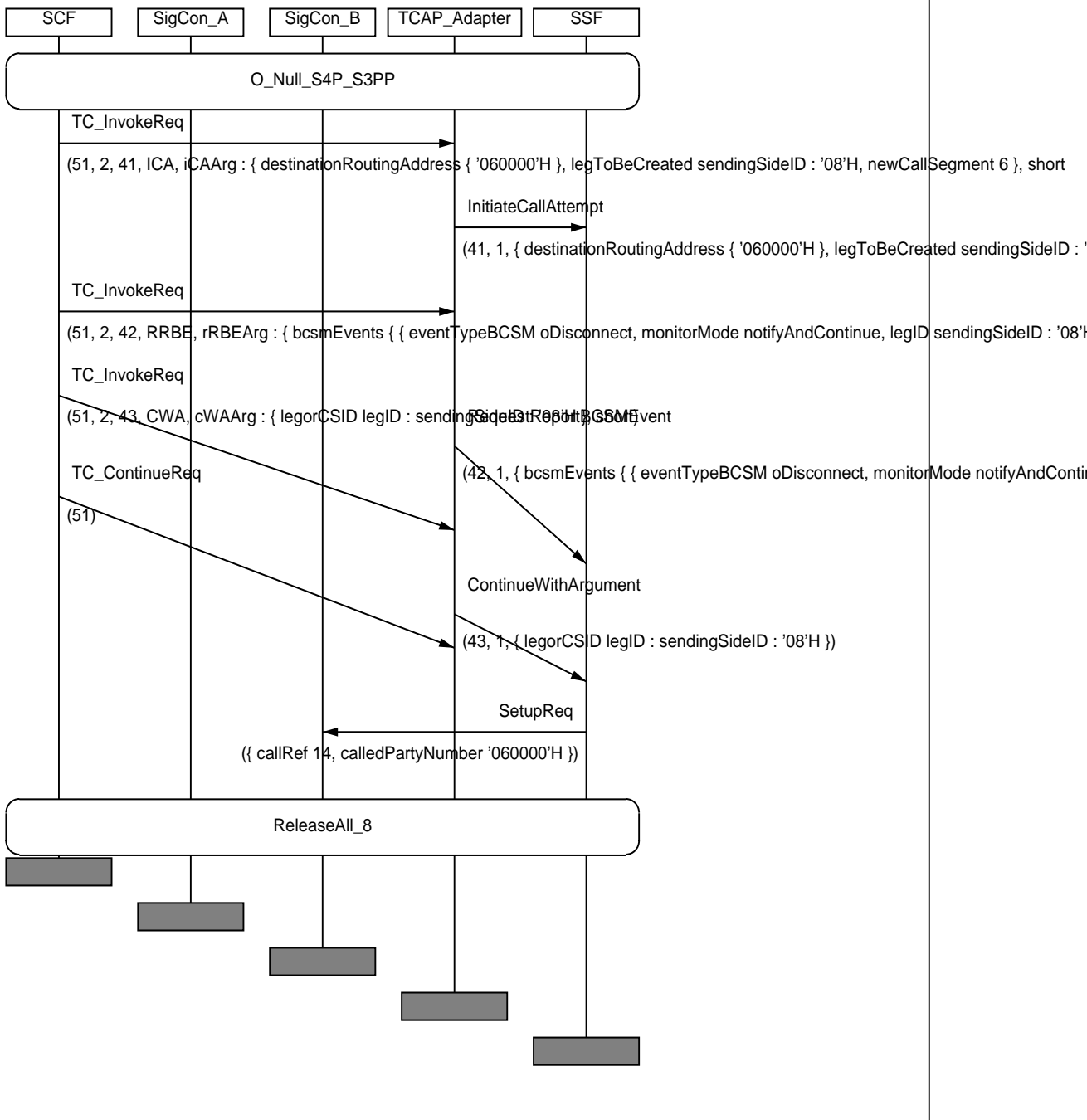
IN3_A_CPH_MIX_17	
Work item no.:	ITEM_CPH_62
IN2 Ref(tmp)	IN2_A_CPH_035
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_null_S4P_S3PP , sends to the SCF a SplitLeg returnResult component, when having received from the SCF a SplitLeg invoke component (legToBeSplit=7,newcsID=4), and sends to the SCF a MoveLeg ReturnResult component after having received from the SCF a MoveLeg invoke component with parameters legIDToMove =1 and targetCS=4.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.31, 11.46
Selection Cond.	
Preamble:	O_null_S4P_S3PP
Test description	L1!SplitLeg(7,4) L1!ContinueWithArgument(csID=4) L1!ContinueWithArgument(csID=2) L1!MoveLeg(1,4) L1!ContinueWithArgument(csID=4) L1!ContinueWithArgument(csID=2) Reaching state O_null_S2PP_S3PP_S2P
Pass criteria	SSF sends SplitLegReturnResult SSF sends MoveLegReturnResult
Postamble:	ReleaseAll_7

MSC IN3_A_CPH_MIX_17



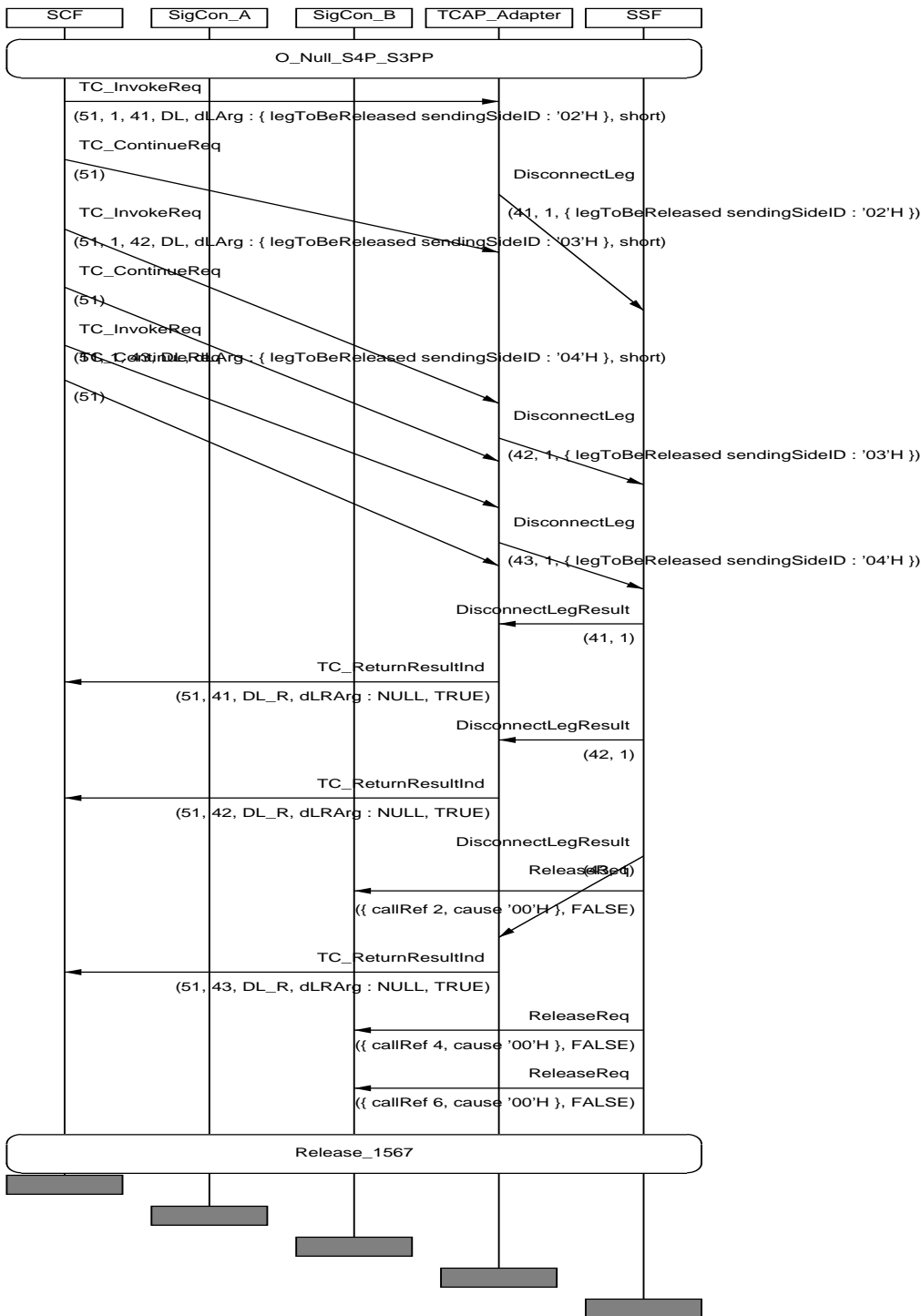
IN3_A_CPH_MIX_18	
Work item no.:	ITEM_CPH_63
IN2 Ref(tmp)	IN2_A_CPH_036
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S4P_S3PP , sends a SetupReq to SigConH (leg 8) after having received from the SCF an InitiateCallAttempt (legToBeCreated=8,newcsID=4) invoke component, followed by a ContinueWithArgument invoke component with parameter legID=8.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.27
Selection Cond.	
Preamble:	O_null_S4P_S3PP
Test description	L1!InitiateCallAttempt(8,1) L1!RequestReportBCSMEvent(8,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=8)
Pass criteria	CP1_8?SetupReq
Postamble:	ReleaseAll_8

MSC IN3_A_CPH_MIX_18



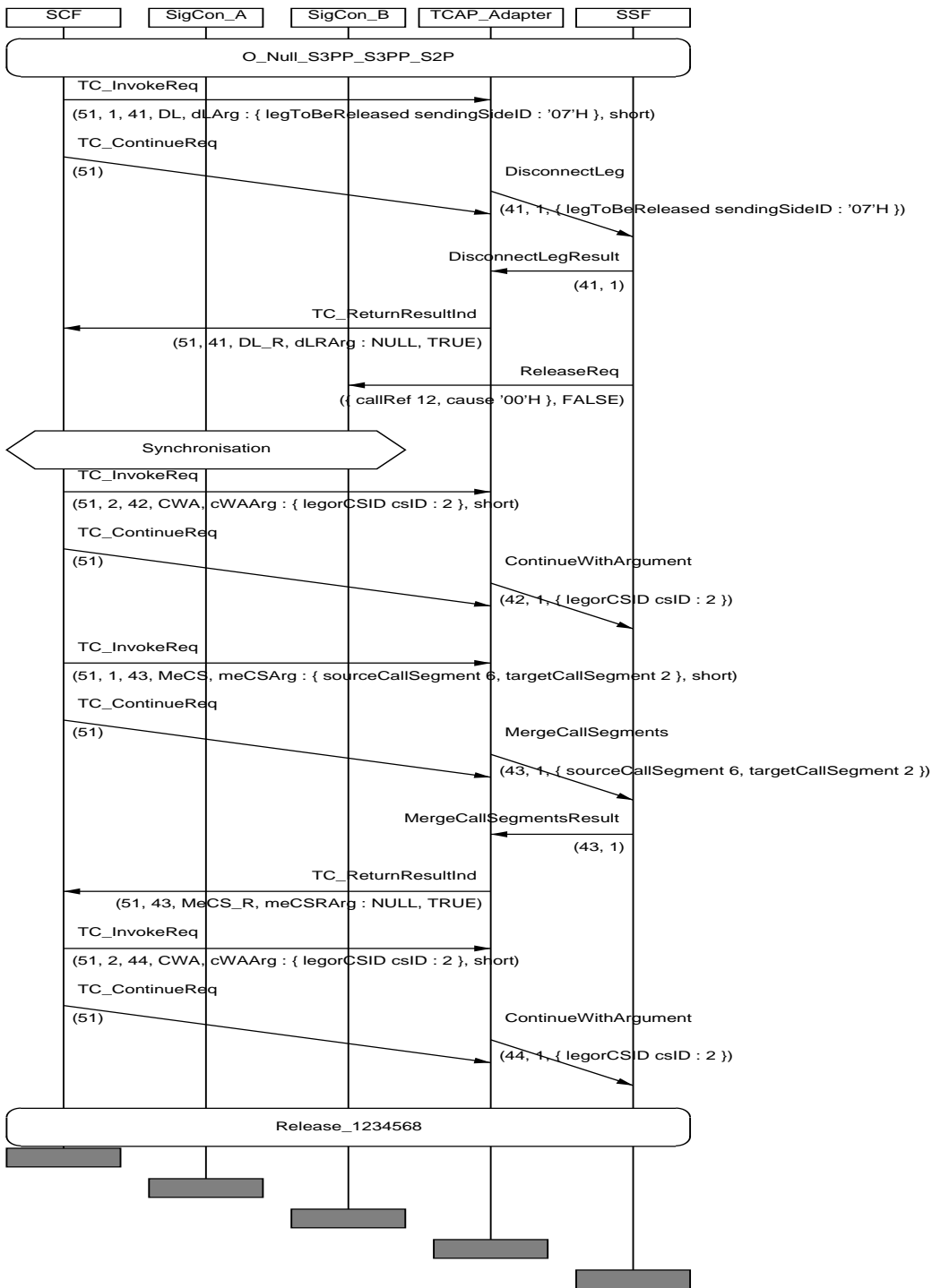
IN3_A_CPH_MIX_19	
Work item no.:	ITEM_CPH_64
IN2 Ref(tmp)	IN2_A_CPH_037
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_null_S4P_S3PP , sends to the SCF 3 successive DisconnectLeg returnResult components, when having received from the SCF DisconnectLeg invoke components for leg 2, leg 3 and leg 4 respectively, and initiates ReleaseReq signals to SigConB (leg 2), SigConC (leg 3) and SigConD (leg 4) after having received from the SCF a ContinueWithArgument (csID=3) invoke component.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20
Selection Cond.	
Preamble:	O_null_S4P_S3PP
Test description	L1!DisconnectLeg(2) L1!DisconnectLeg(3) L1!DisconnectLeg(4) L1?DisconnectLegReturnResult L1?DisconnectLegReturnResult L1?DisconnectLegReturnResult Reaching state O_null_S4P_null
Pass criteria	CP1_2?ReleaseReq CP1_3?ReleaseReq CP1_4?ReleaseReq
Postamble:	Release_1567

MSC IN3_A_CPH_MIX_19



IN3_A_CPH_MIX_20	
Work item no.:	ITEM_CPH_65
IN2 Ref(tmp)	IN2_A_CPH_038
Purpose:	Verify that the SSF, being in the CS configuration according to preamble O_null_S3PP_S3PP_S2P , sends to the SCF a DisconnectLeg returnResult component, when having received from the SCF a DisconnectLeg invoke component for leg 7, and initiates a ReleaseReq to SigConG (leg 7), after having received from the SCF a ContinueWithArgument (csID=2) invoke component, and sends to the SCF a MergeCallSegments ReturnResult component after having received from the SCF a MergeCallSegments invoke component with parameters sourceCS=6 and targetCS=2.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.15, 11.20, 11.29
Selection Cond.	
Preamble:	O_null_S3PP_S3PP_S2P
Test description	L1!DisconnectLeg(7) L1?DisconnectLegReturnResult L1!ContinueWithArgument(csID=2) L1!MergeCallSegments(6,2) L1?MergeCallSegments ReturnResult L1!ContinueWithArgument(csID=2) Reaching O_null_S4P_S3PP
Pass criteria	CP1_7?ReleaseReq
Postamble:	Release_1234568

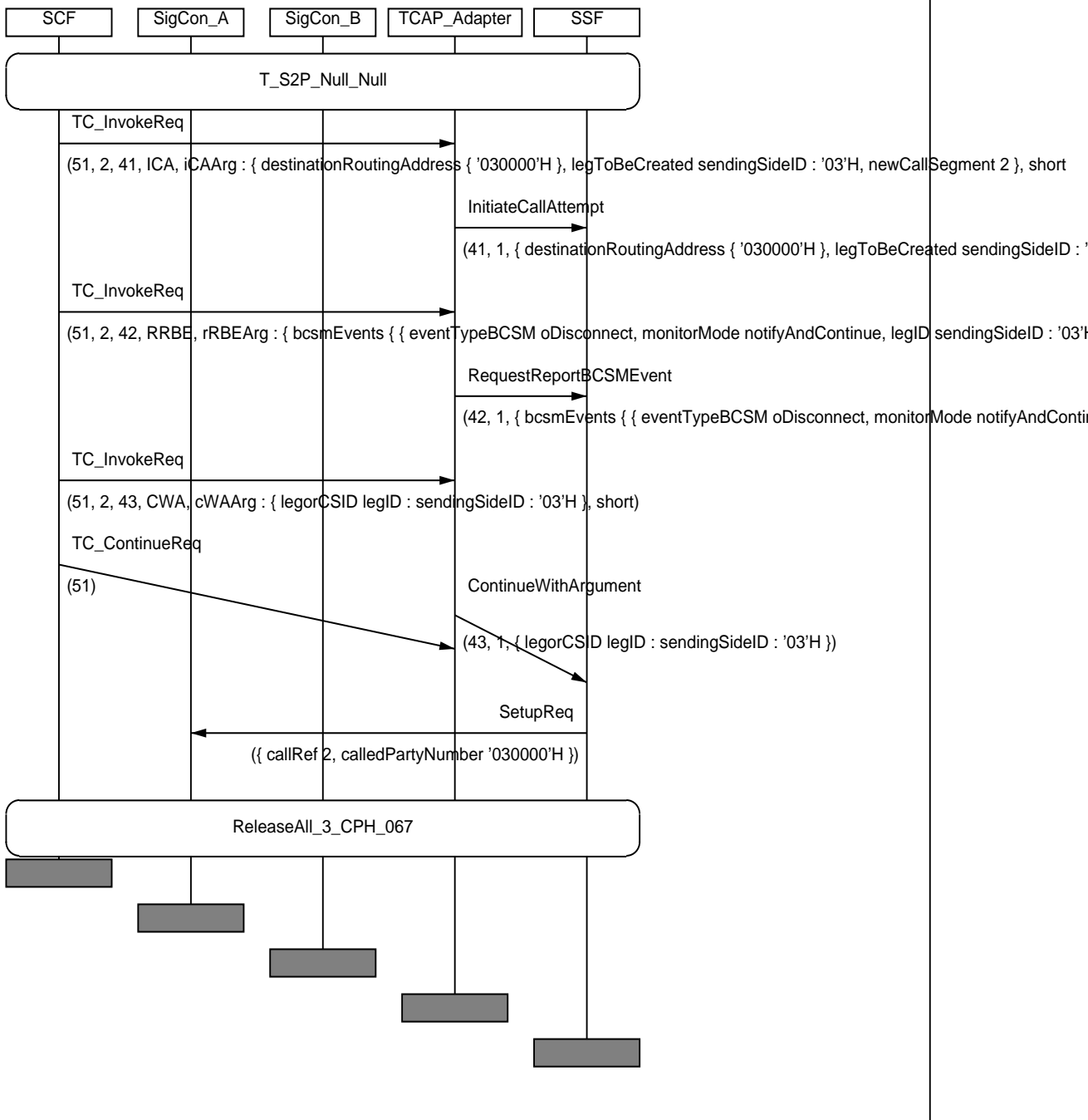
MSC IN3_A_CPH_MIX_20



9.2 Terminating (T_BCSM) trigger (controlling legID = 2)

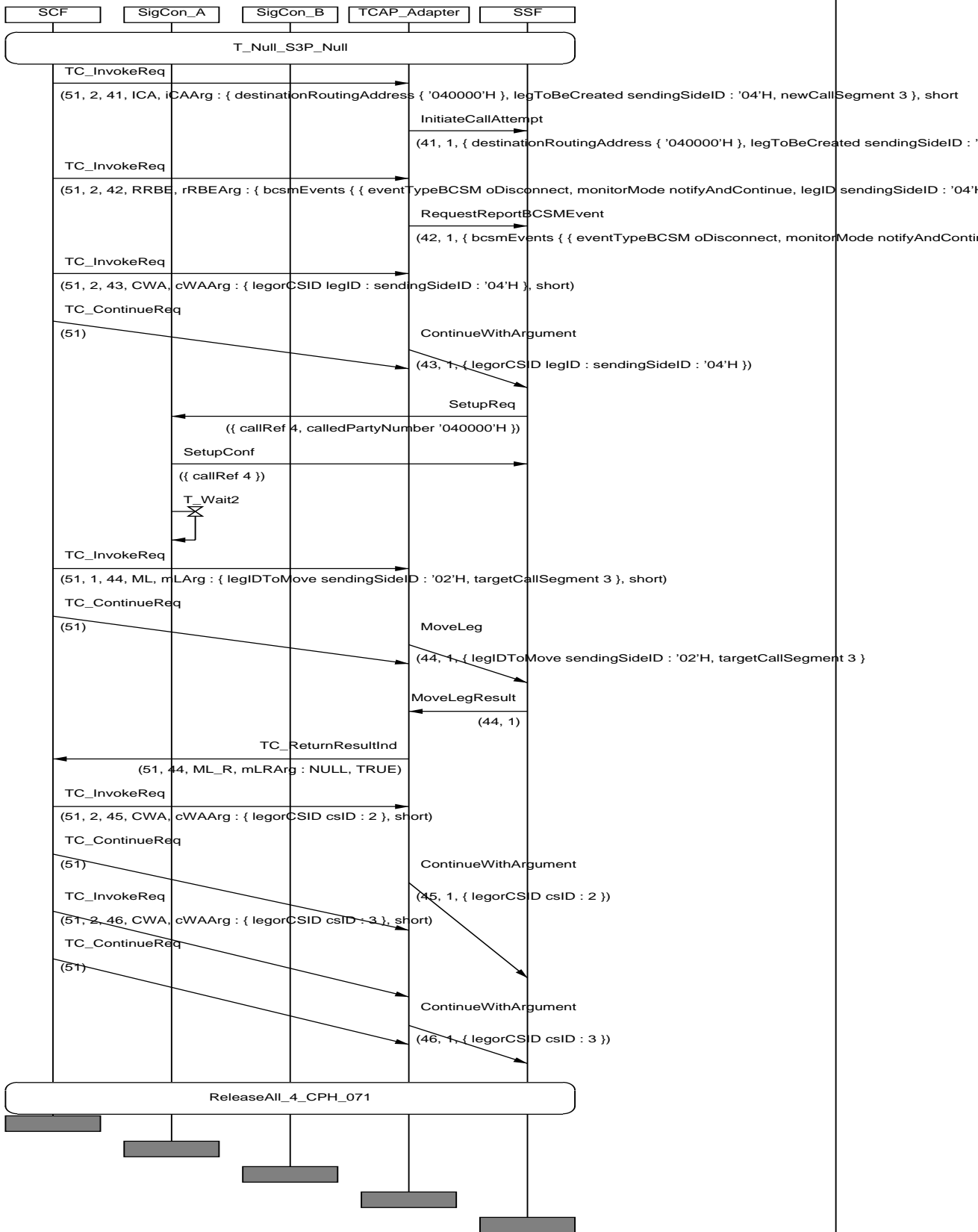
IN3_A_CPH_MIX_21	
Work item no.:	ITEM_CPH_67
IN2 Ref(tmp)	IN2_A_CPH_040
Purpose:	Verify that the SSF, being in the CS configuration according to preamble T_S2P_null_null, initiates a SetUpReq to SigConC (leg 3), after having received from the SCF an InitiateCallAttempt for (legID=3, csID=2), followed by a ContinueWithArgument invoke component for (legID=3).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 8.3.2, 8.4.2, 11.12, 11.15, 11.38, 11.46
Selection Cond.	
Preamble:	T_S2P_null_null
Test description	L1!InitiateCallAttempt(3,2) L1!RequestReportBCSMEvent(3,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=3)
Pass criteria	CP1_3?SetUpReq
Postamble:	ReleaseAll_3_CPH_067

MSC IN3_A_CPH_MIX_21



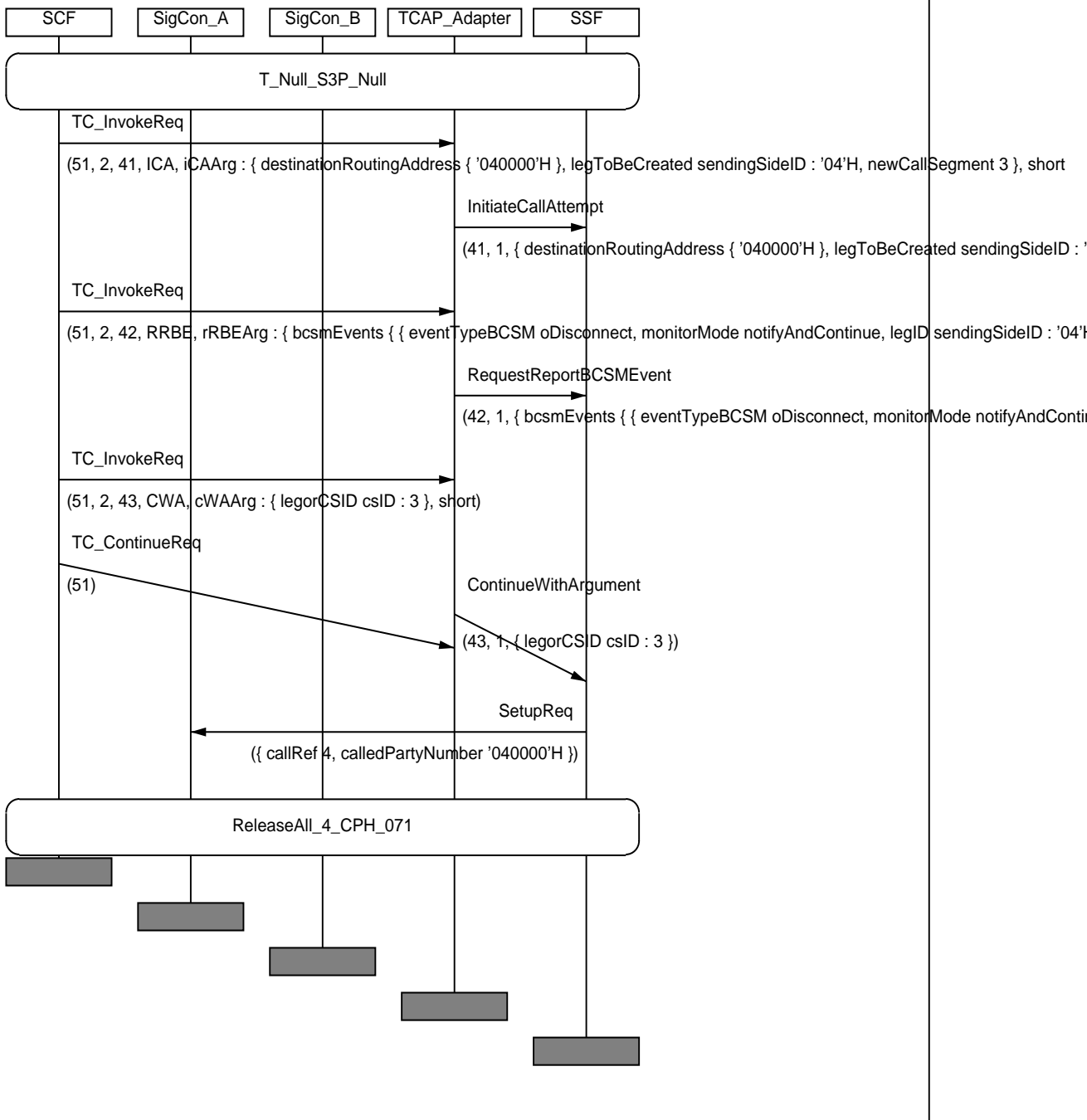
IN3_A_CPH_MIX_22	
Work item no.:	ITEM_CPH_71
IN2 Ref(tmp)	IN2_A_CPH_044
Purpose:	Verify that the SSF, being in the CS configuration according to preamble T_null_S3P_null , initiates a SetUpReq to SigConD (leg 4), after having received from the SCF an InitiateCallAttempt invoke component for (legToBeCreated=4, csID=3), and sends a MoveLeg ReturnResult component after having received a MoveLeg invoke component for (legToBeMoved=2, targetCsID=3).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 8.3.2, 8.4.2, 11.12, 11.15, 11.38, 11.46
Selection Cond.	
Preamble:	T_null_S3P_null
Test description	L1!InitiateCallAttempt(4,3) L1!RequestReportBCSMEvent(4,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=4) CP1_4?SetUpReq CP1_4!SetUpConf L1!MoveLeg(2,3) L1?MoveLeg ReturnResult L1!ContinueWithArgument(csID=2) L1!ContinueWithArgument(csID=3)
Pass criteria	SetUpReq(1_4) and MoveLeg ReturnResult.
Postamble:	ReleaseAll_4_CPH_071

MSC IN3_A_CPH_MIX_22



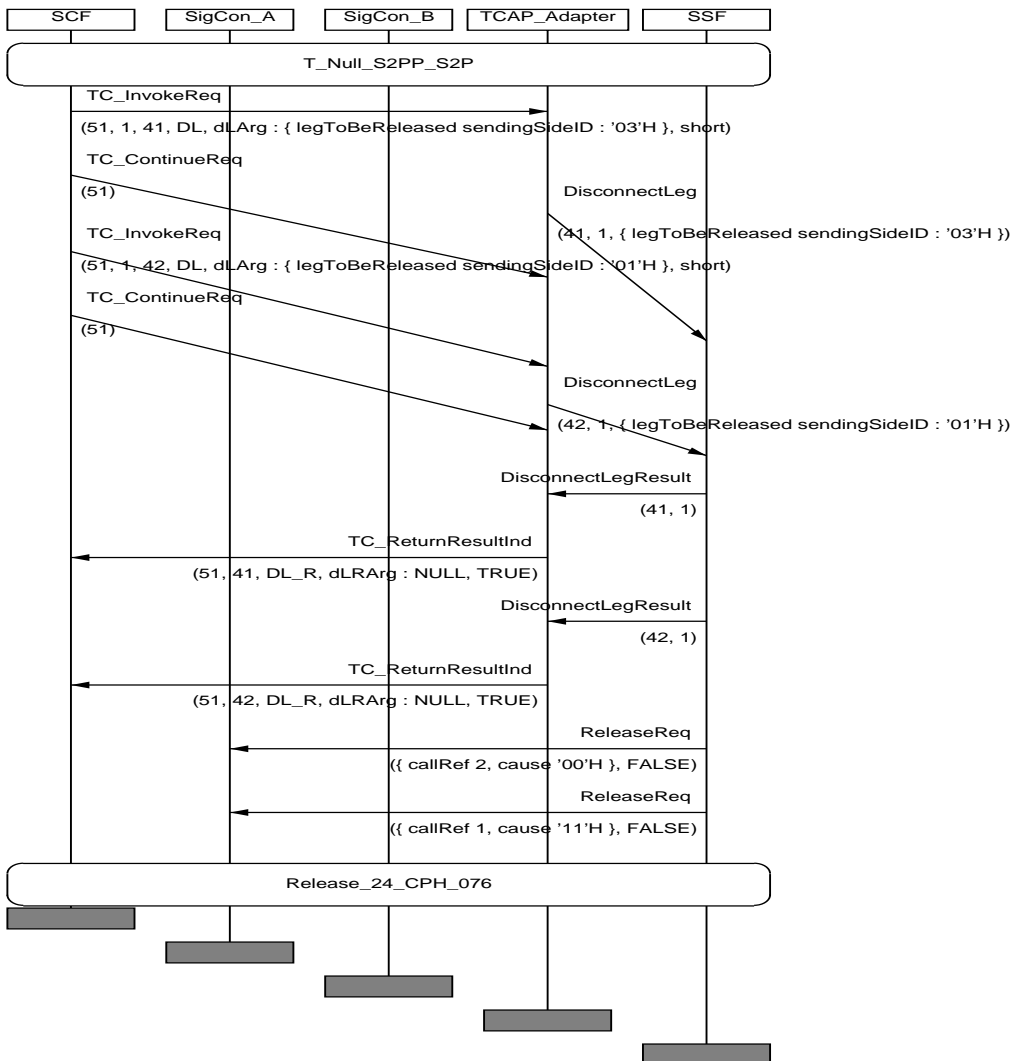
IN3_A_CPH_MIX_23	
Work item no.:	ITEM_CPH_74
IN2 Ref(tmp)	IN2_A_CPH_047
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_S3P_null , sends a SetupReq to SigConD (leg 4) after having received from the SCF an InitiateCallAttempt (legToBeCreated=4,newcsID=3) invoke component, followed by a ContinueWithArgument invoke component with parameter csID=3.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.27
Selection Cond.	
Preamble:	T_null_S3P_null
Test description	L1!InitiateCallAttempt(4,3) L1!RequestReportBCSMEEvent(4,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(csID=3) Reaching state T_null_S3P_OS
Pass criteria	CP1_4?SetupReq
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_MIX_23



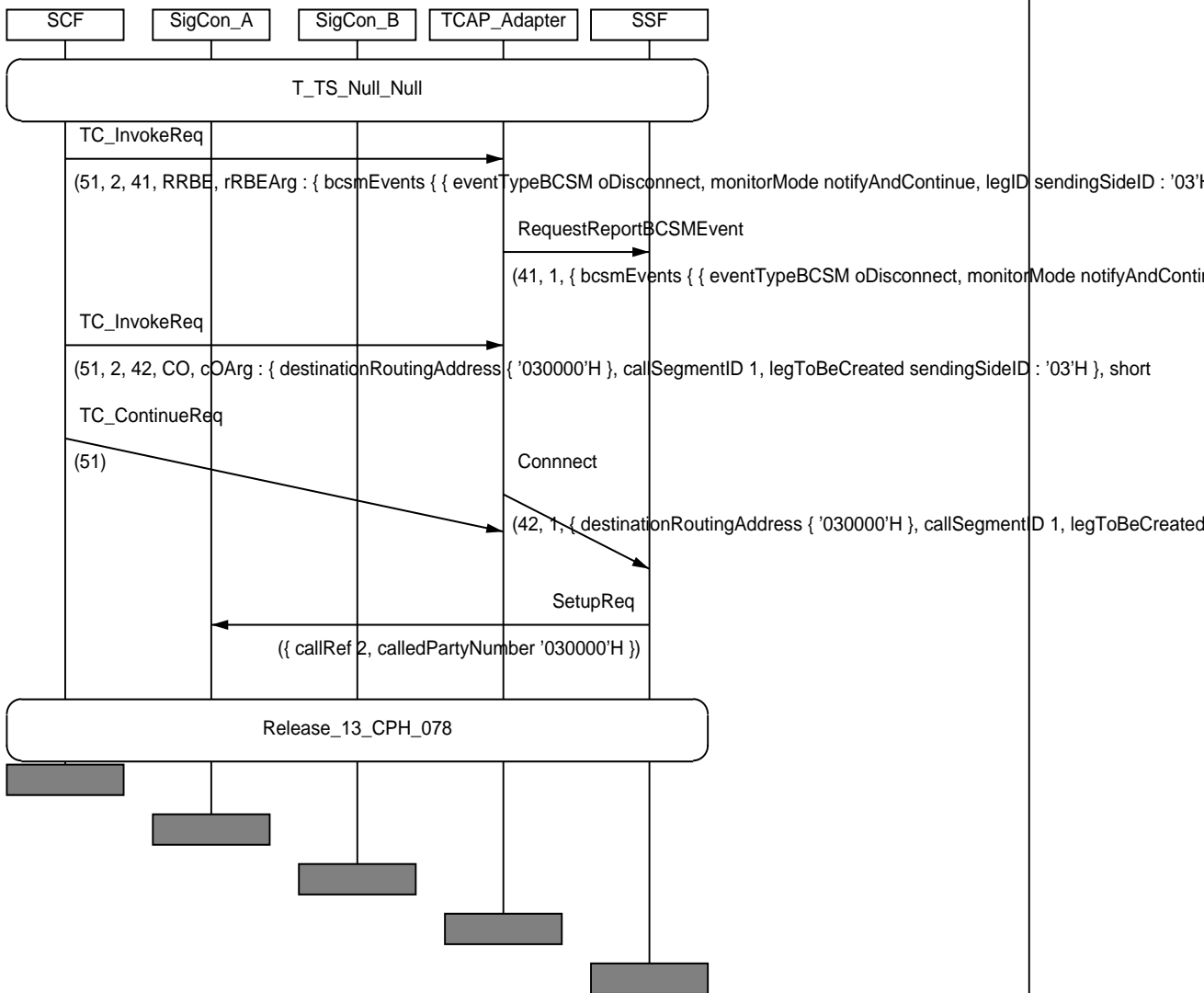
IN3_A_CPH_MIX_24	
Work item no.:	ITEM_CPH_76
IN2 Ref(tmp)	IN2_A_CPH_049
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_S2PP_S2P , sends to the SCF two DisconnectLeg ReturnResult components and to SigConC and SigConA ReleaseReq signals, when having received from the SCF two DisconnectLeg invoke components with parameter legToBeReleased=3 and legToBeReleased=1 respectively.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20
Selection Cond.	
Preamble:	T_null_S2PP_S2P
Test description	L1!DisconnectLeg(3) L1!DisconnectLeg(1) L1?DisconnectLegReturnResult L1?DisconnectLegReturnResult CP1_3?ReleaseReq CP1_1?ReleaseReq
Pass criteria	CP1_3?ReleaseReq CP1_1?ReleaseReq
Postamble:	Release_24_CPH_076

MSC IN3_A_CPH_MIX_24



IN3_A_CPH_MIX_25	
Work item no.:	ITEM_CPH_78
IN2 Ref(tmp)	IN2_A_CPH_051
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_TS_null_null , sends a SetupReq to SigConC (leg 3) after having received from the SCF an Connect (legToBeCreated=3,csID=1) invoke component.
Requirements refs	6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2.7, 8.2, 8.2.1.2, 8.2.2, 8.3.2, 8.4.2, 11.12, 11.38
Selection Cond.	
Preamble:	T_TS_null_null
Test description	L1!RequestReportBCSMEEvent(3,notifyAndContinue,oDisconnect) L1!Connect(3,1)
Pass criteria	CP1_3?SetupReq
Postamble:	Release_13_CPH_078

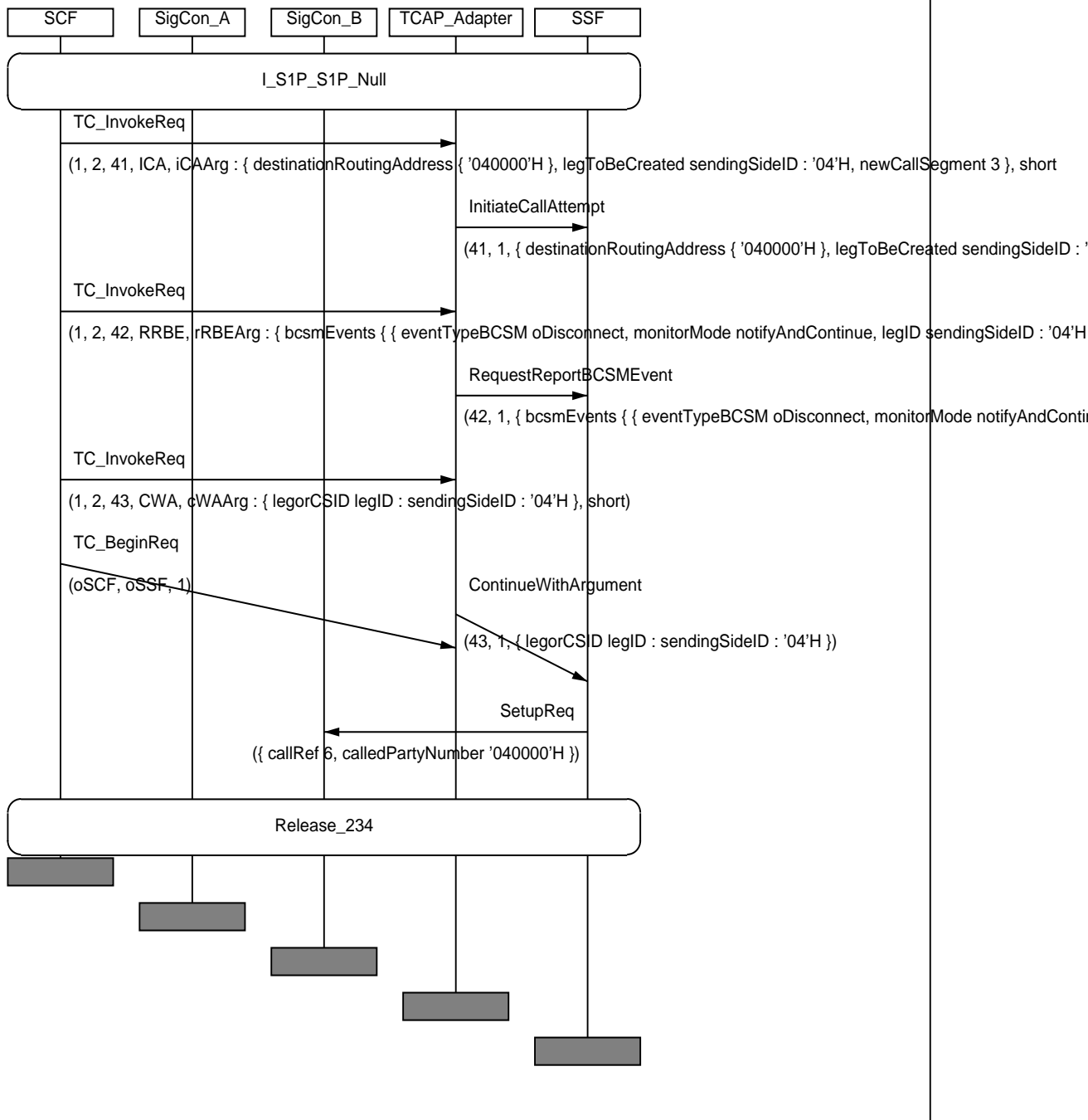
MSC IN3_A_CPH_MIX_25



9.3 Network initiated

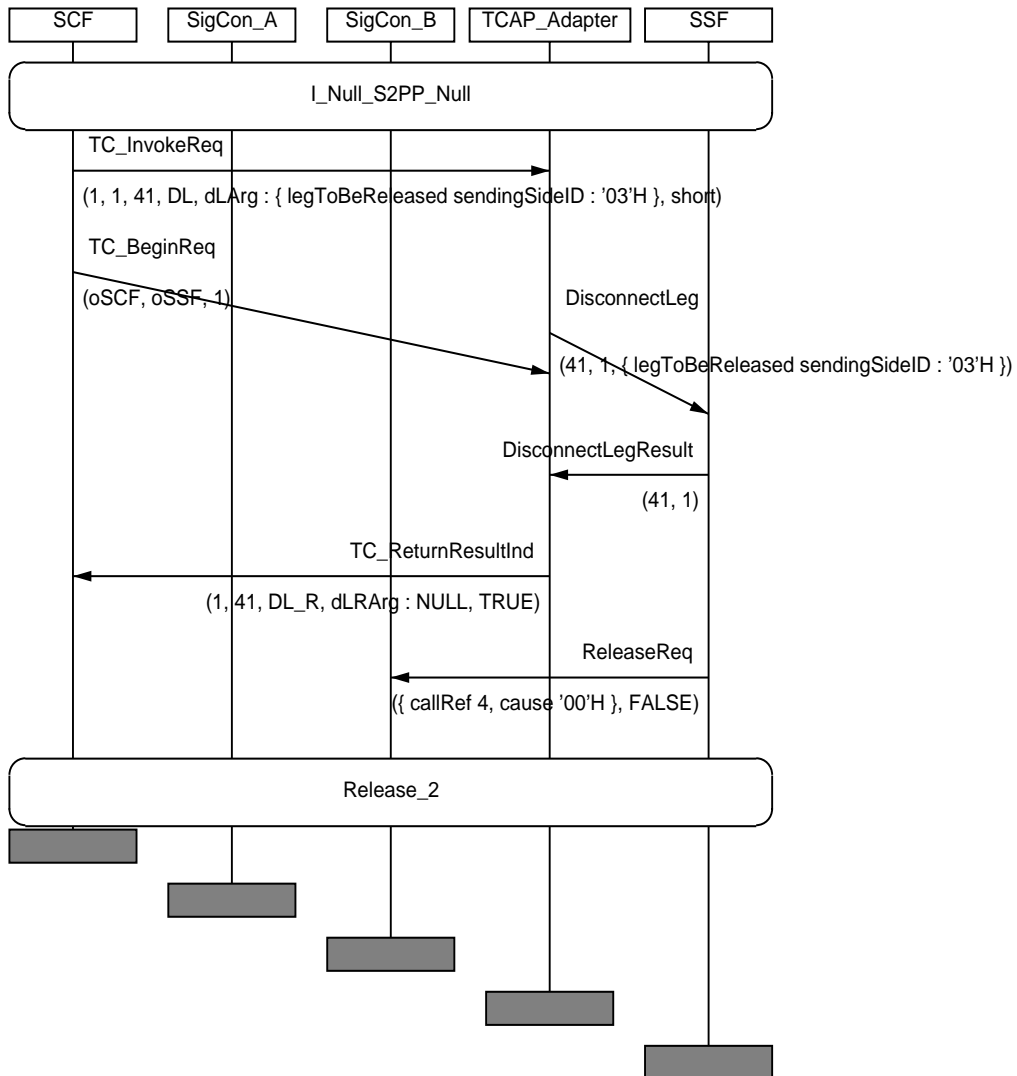
IN3_A_CPH_MIX_27	
Work item no.:	ITEM_CPH_80
IN2 Ref(tmp)	IN2_A_CPH_053
Purpose:	Verify that the SSF, being in CS configuration according to preamble I_S1P_S1P_null, sends a SetUpReq to SigConD (leg 4) after having received from the SCF an InitiateCallAttempt (legToBeCreated=4,newcsID=3) invoke component, followed by a ContinueWithArgument invoke component with parameter legID=4.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.3.2.1, 6.6.3.4.2.7, 8.2, 8.2.1, 8.2.1.1, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.27, 11.38
Selection Cond.	
Preamble:	I_S1P_S1P_null
Test description	L1!InitiateCallAttempt(4,3) L1!RequestReportBCSMEvent(4,notifyAndContinue,oDisconnect) L1!ContinueWithArgument(legID=4) Reaching state I_S1P_S1P_S1P
Pass criteria	CP1_4?SetUpIpd
Postamble:	Release_234

MSC IN3_A_CPH_MIX_27



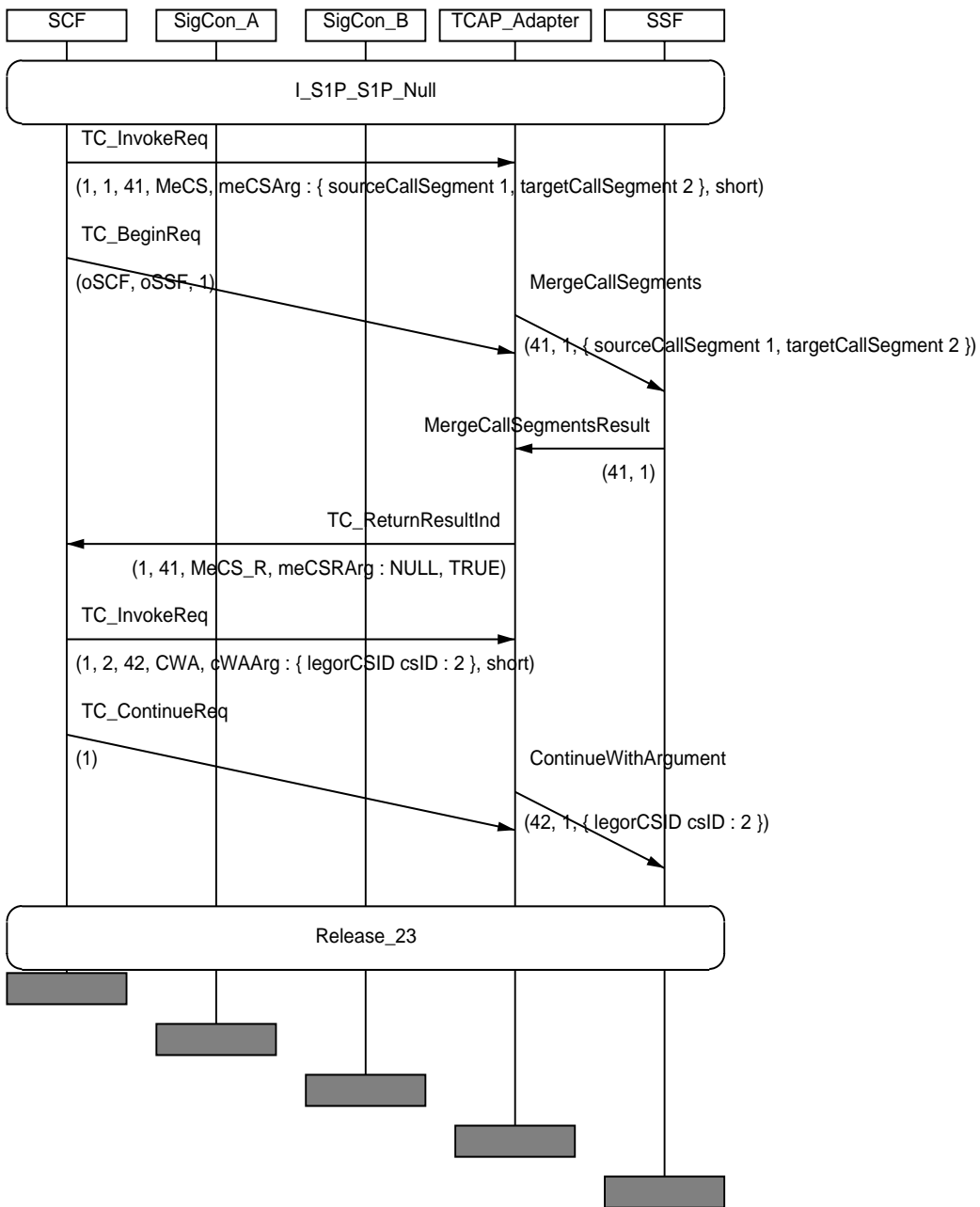
IN3_A_CPH_MIX_28	
Work item no.:	ITEM_CPH_83
IN2 Ref(tmp)	IN2_A_CPH_056
Purpose:	Verify that the SSF, being in CS configuration according to preamble I_S1P_S1P_null, sends to the SCF a MergeCallSegments ReturnResult component after having received from the SCF a MergeCallSegments invoke component with parameters sourceCS=1 and targetCS=2.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.15, 11.29
Selection Cond.	
Preamble:	I_S1P_S1P_null
Test description	L1!MergeCallSegments(1,2) L1!ContinueWithArgument(csID=2) Reaching state I_null_S2PP_null
Pass criteria	SSF sends MergeCallSegments ReturnResult
Postamble:	Release_23

MSC IN3_A_CPH_MIX_28



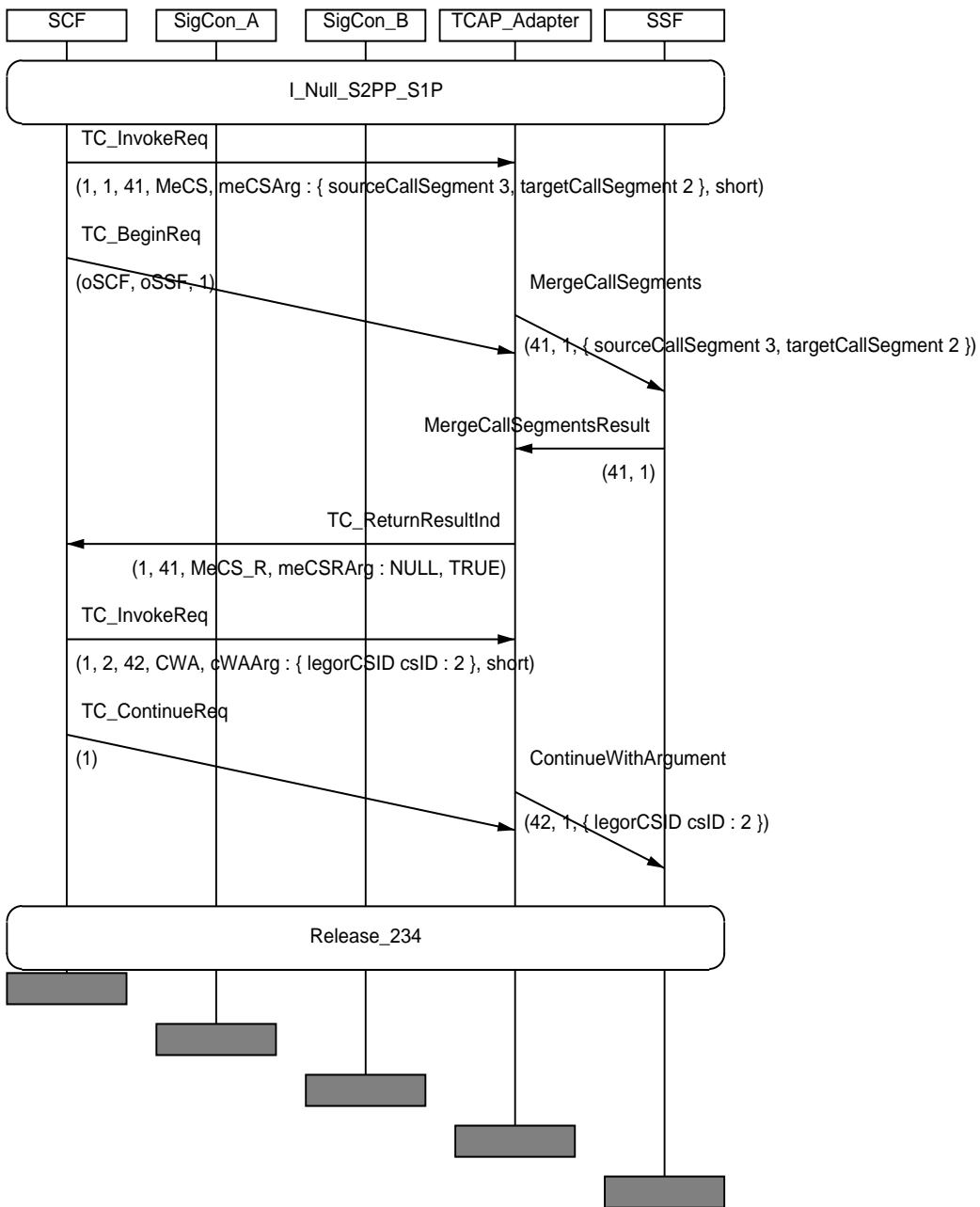
IN3_A_CPH_MIX_29	
Work item no.:	ITEM_CPH_82
IN2 Ref(tmp)	IN2_A_CPH_055
Purpose:	Verify that the SSF, being in CS configuration according to preamble I_null_S2PP_null, sends to the SCF a DisconnectLeg ReturnResult component and to SigConC a ReleaseReq signal, when having received from the SCF a DisconnectLeg invoke component with parameter legToBeReleased=3.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20
Selection Cond.	
Preamble:	I_null_S2PP_null
Test description	L1!DisconnectLeg(3) L1?DisconnectLegReturnResult Reaching state I_null_S1P_null
Pass criteria	CP1_3?ReleaseReq
Postamble:	Release_2

MSC IN3_A_CPH_MIX_29



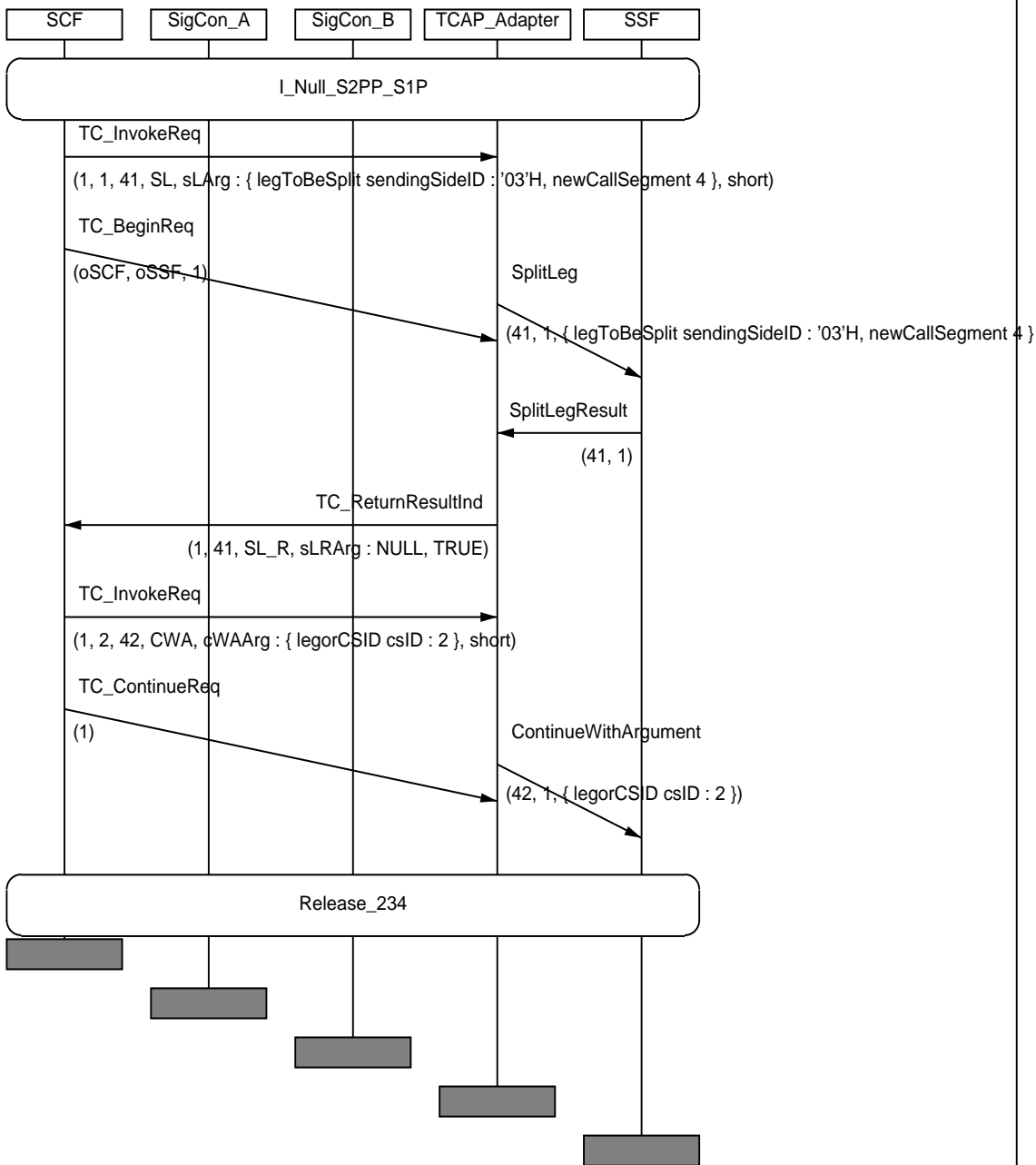
IN3_A_CPH_MIX_30	
Work item no.:	ITEM_CPH_84
IN2 Ref(tmp)	IN2_A_CPH_057
Purpose:	Verify that the SSF, being in CS configuration according to preamble I_null_S2PP_S1P , sends to the SCF a MergeCallSegments ReturnResult component after having received from the SCF a MergeCallSegments invoke component with parameters sourceCS=3 and targetCS=2.
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.15, 11.29
Selection Cond.	
Preamble:	I_null_S2PP_S1P
Test description	L1!MergeCallSegments(3,2) L1!ContinueWithArgument(csID=2) Reaching state I_null_S3PP_null
Pass criteria	SSF sends MergeCallSegments ReturnResult
Postamble:	Release_234

MSC IN3_A_CPH_MIX_30



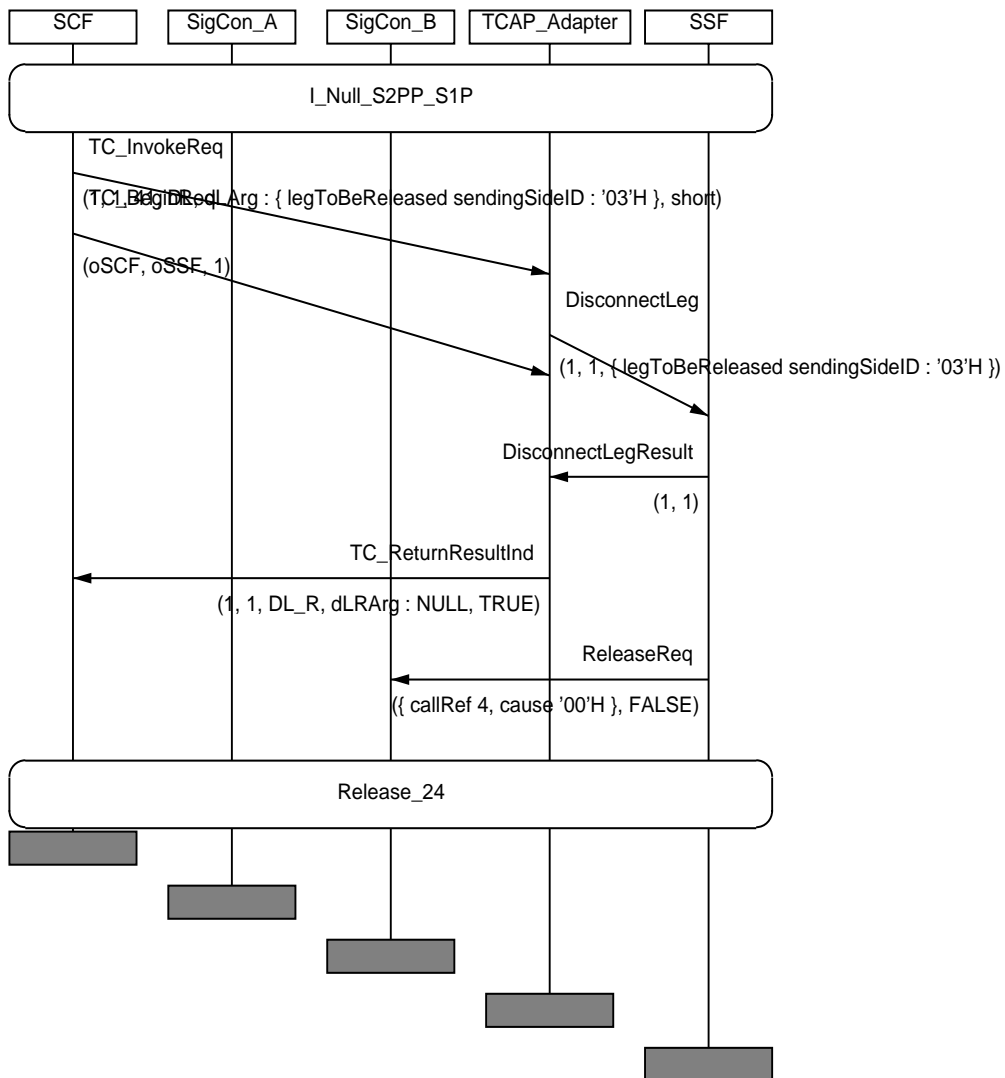
	IN3_A_CPH_MIX_31
Work item no.:	ITEM_CPH_85
IN2 Ref(tmp)	IN2_A_CPH_058
Purpose:	Verify that the SSF, being in the CS configuration according to preamble I_null_S2PP_S1P , sends to the SCF a SplitLeg returnResult component, when having received from the SCF a SplitLeg invoke component (legToBeSplit=3,newcsID=4).
Requirements refs	6.5.1.2.1, 6.5.1.2.3, 6.6.3.4.2, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.1, 8.2.2.2, 11.15, 11.46
Selection Cond.	
Preamble:	I_null_S2PP_S1P
Test description	L1!SplitLeg(3,4) L1!ContinueWithArgument(csID=2) Reaching state I_null_S1P_S1P_S1P
Pass criteria	SSF sends SplitLegReturnResult
Postamble:	Release_234

MSC IN3_A_CPH_MIX_31



IN3_A_CPH_MIX_32	
Work item no.:	ITEM_CPH_86
IN2 Ref(tmp)	IN2_A_CPH_059
Purpose:	Verify that the SSF, being in CS configuration according to preamble I_null_S2PP_S1P , sends to the SCF a DisconnectLeg ReturnResult component and to SigConC a ReleaseReq signal, when having received from the SCF a DisconnectLeg invoke component with parameter legToBeReleased=3.
Requirements refs	6.5.1.2.3, 6.6.3.4.2.3, 6.6.3.4.2.4, 6.6.3.4.2.5, 6.6.3.4.2.7, 6.6.3.4.3, 8.2, 8.2.1.2, 8.2.2, 8.2.2.2, 11.20
Selection Cond.	
Preamble:	I_null_S2PP_S1P
Test description	L1!DisconnectLeg(3) L1?DisconnectLegReturnResult Reaching state I_null_S1P_S1P
Pass criteria	CP1_3?ReleaseReq
Postamble:	Release_24

MSC IN3_A_CPH_MIX_32



10 Test Purpose (TP) descriptions for testing arming/detecting rules

This clause includes a set of TPs to check that the IUT acts according the arming/detecting rules.

TPs are listed first for the Originating (O) trigger, then for the Terminating (T) trigger situations.

In these scenarios, the passive legs detection points are armed for signalling events coming from the controlling leg, this means that filtering rules should apply.

Then, the passive legs detection points are armed for signalling events coming from the passive legs.

10.1 Originating (O) trigger

10.1.1 Events coming from the controlling leg (legID=1)

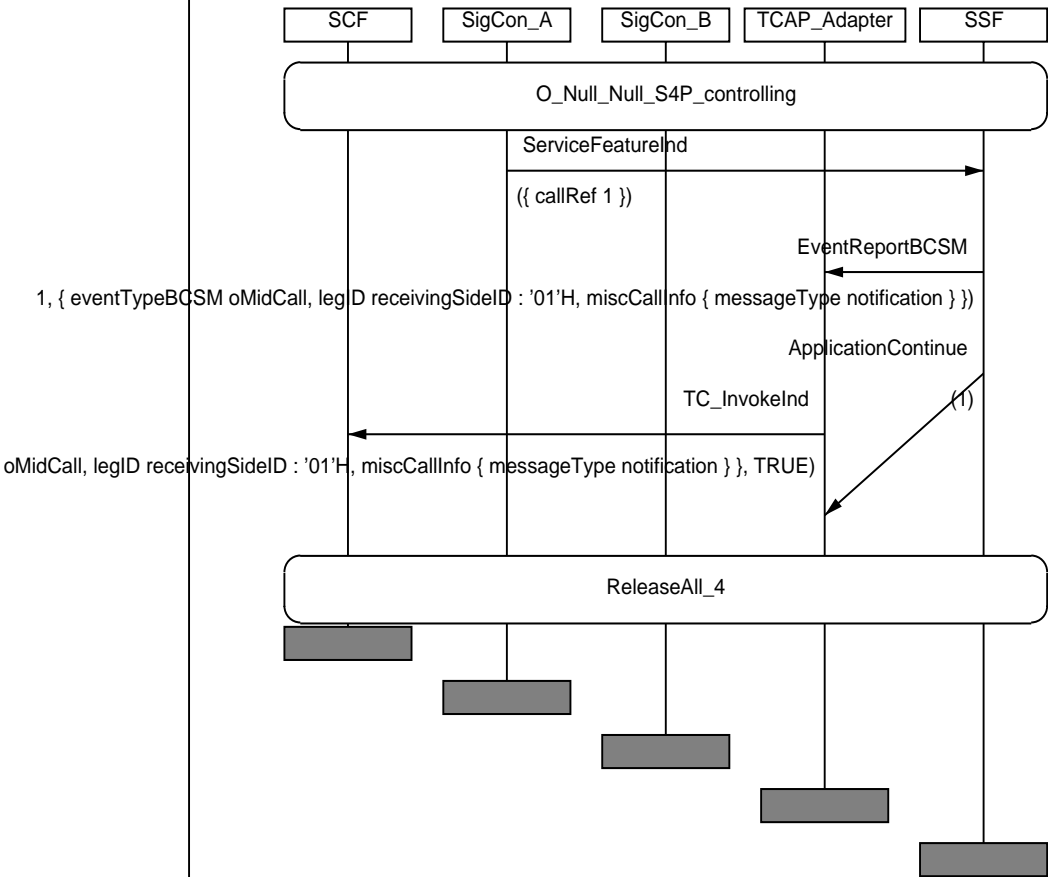
10.1.1.1 All Passive legs are contained in a single Call Segment

10.1.1.1.1 Single event from the controlling leg

IN3_A_CPH_ARM_01	
Work item no.:	ITEM_CPH_88
IN2 Ref(tmp)	IN2_A_CPH_061
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_null_S4P_controlling, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2, leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg1,oDisconnect) after having received ReleaseInd(Normal clearing) from SigConA.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_null_S4P_controlling
Test description	CP1_1!ReleaseInd(Normal clearing) L1?EventReportBCSM (1,oDisconnect) is received only once (filtering rules apply) L1!ContinueWithArgument(legID=1)
Pass criteria	L1?EventReportBCSM (1,oDisconnect) is received only once (filtering rules apply)
Postamble:	Release_234

IN3_A_CPH_ARM_02	
Work item no.:	ITEM_CPH_89
IN2 Ref(tmp)	IN2_A_CPH_063
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_null_S4P_controlling, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2, leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg1,oDisconnect) after having received ServiceFeatureIndication from SigConA.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_null_S4P_controlling
Test description	CP1_1!ServiceFeatureIndication
Pass criteria	L1?EventReportBCSM (1,oMidCall) is received only once (filtering rules apply)
Postamble:	ReleaseAll_4

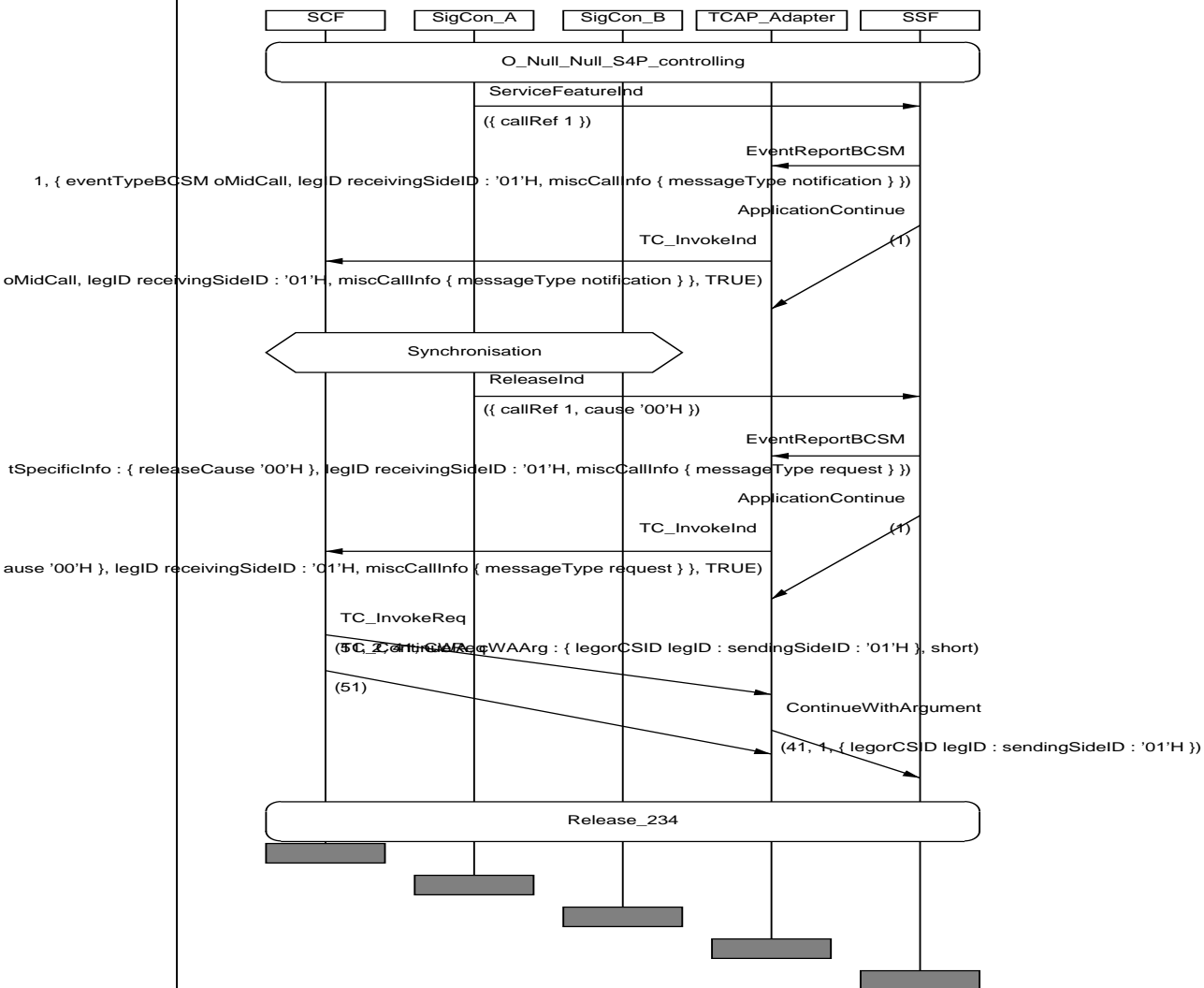
MSC IN3_A_CPH_ARM_02



10.1.1.1.2 Multiple events from the controlling leg

IN3_A_CPH_ARM_03	
Work item no.:	ITEM_CPH_90
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_null_S4P_controlling, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2, leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg1,oDisconnect) after having received ServiceFeatureIndication from SigConA.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_null_S4P_controlling
Test description	CP1_1!ServiceFeatureIndication CP1_1!ReleaseInd(Normal clearing) L1?EventReportBCSM (1,oMidCall) is received only once (filtering rules apply) L1?EventReportBCSM (1,oDisconnect) is received only once (filtering rules apply) L1!ContinueWithArgument(legID=1)
Pass criteria	L1?EventReportBCSM (1,oMidCall) is received only once (filtering rules apply) L1?EventReportBCSM (1,oDisconnect) is received only once (filtering rules apply)
Postamble:	Release_234

MSC IN3_A_CPH_ARM_03



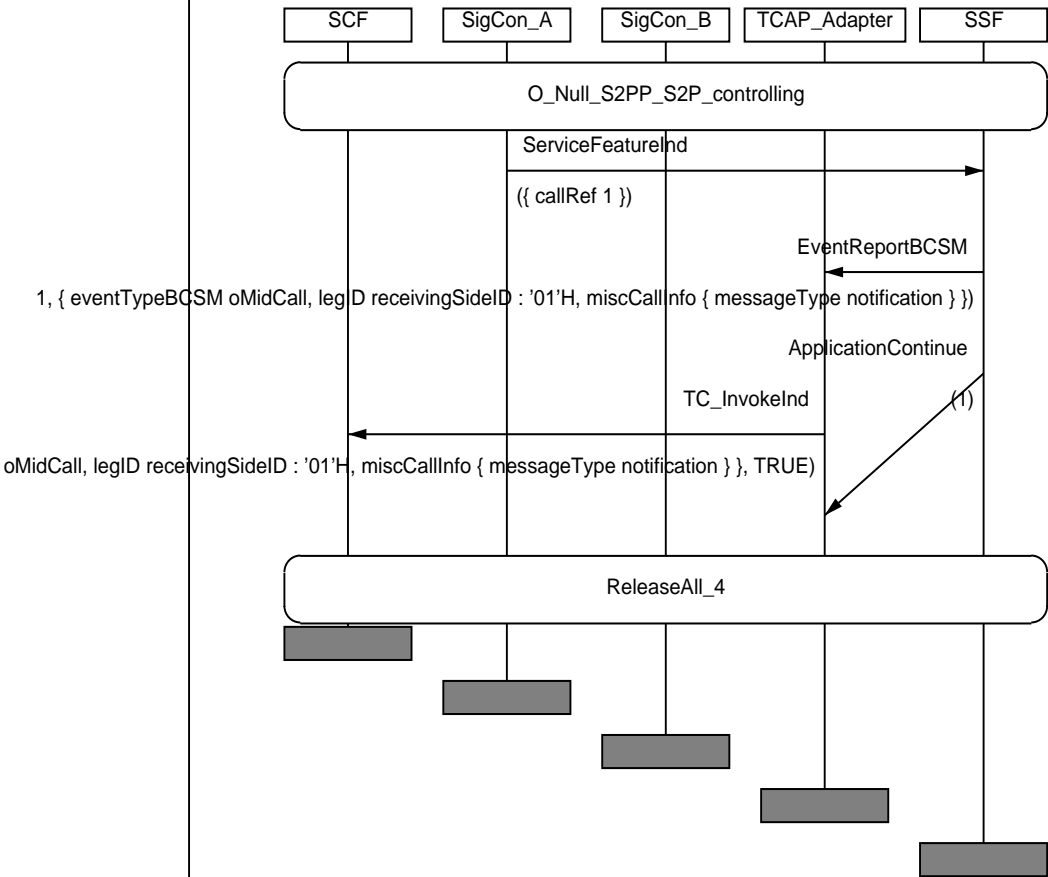
10.1.1.2 Passive legs are contained in multiple Call Segments

10.1.1.2.1 Single event from the controlling leg

IN3_A_CPH_ARM_04	
Work item no.:	ITEM_CPH_91
IN2 Ref(tmp)	IN2_A_CPH_062
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S2PP_S2P_controlling, having armed events oMidCall and oDisconnect on leg1 (controlling), events oSuspend and oDisconnect on leg2, leg3 and leg4 (passive) , sends exactly one EventReportBCSM invoke component indicating (leg1,oDisconnect) after having received ReleaseInd(Normal clearing) from SigConA.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_S2PP_S2P_controlling
Test description	CP1_1!ReleaseInd(Normal clearing) L1?EventReportBCSM(1,oDisconnect) L1!ContinueWithArgument(legID=1)
Pass criteria	L1? EventReportBCSM (1,oDisconnect) is received only once (filtering rules apply)
Postamble:	Release_234

IN3_A_CPH_ARM_05	
Work item no.:	ITEM_CPH_92
IN2 Ref(tmp)	IN2_A_CPH_064
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S2PP_S2P_controlling, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2, leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg1,oDisconnect) after having received ServiceFeatureIndication from SigConA.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_S2PP_S2P_controlling
Test description	CP1_1!ServiceFeatureIndication
Pass criteria	L1?EventReportBCSM (1,oMidCall) is received only once (filtering rules apply)
Postamble:	ReleaseAll_4

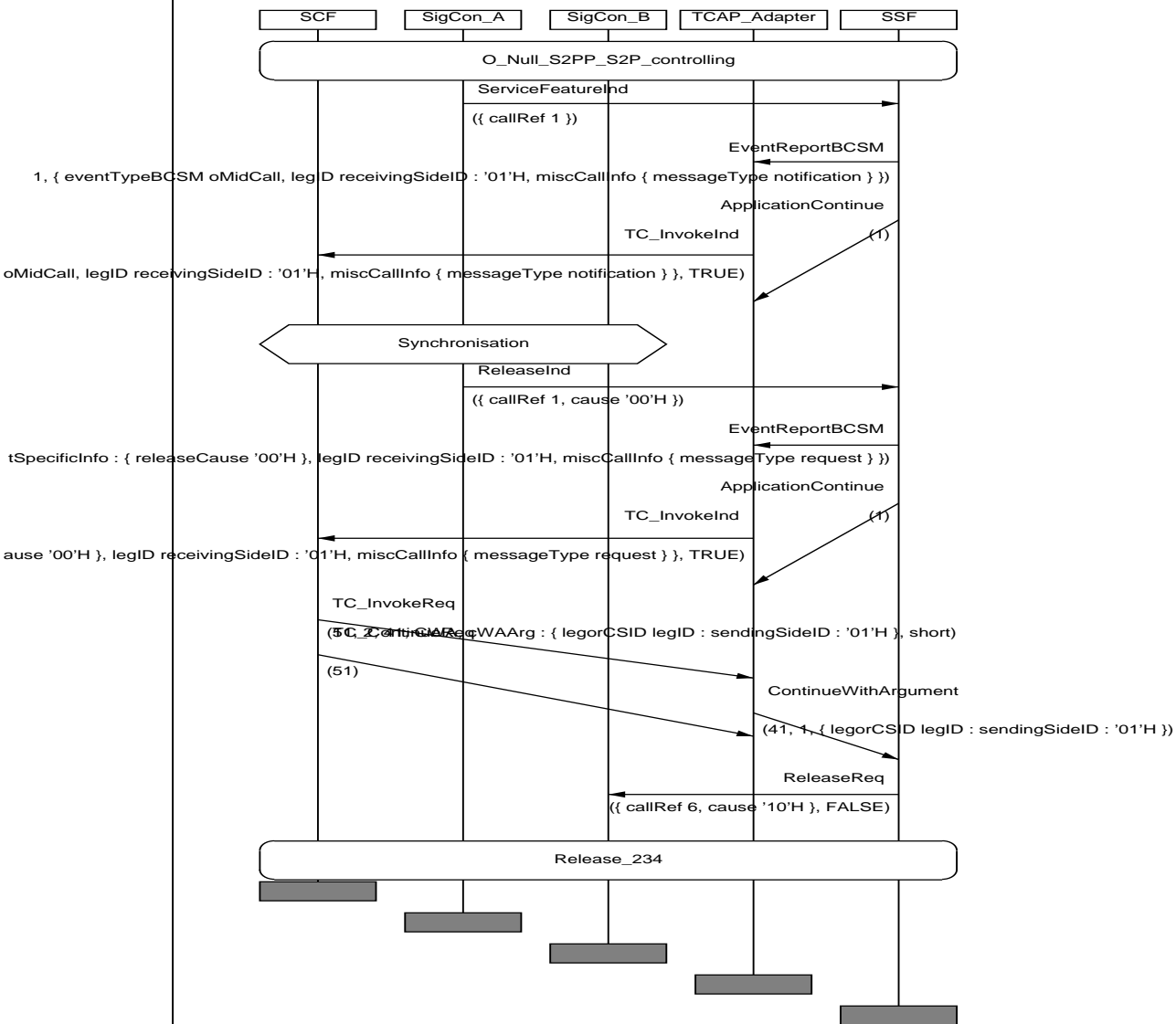
MSC IN3_A_CPH_ARM_05



10.1.1.2.2 Multiple events from the controlling leg

IN3_A_CPH_ARM_06	
Work item no.:	ITEM_CPH_93
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_S2PP_S2P_controlling, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2, leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg1,oDisconnect) after having received ServiceFeatureIndication followed by ReleaseInd(Normal clearing) from SigConA.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_S2PP_S2P_controlling
Test description	CP1_1!ServiceFeatureIndication CP1_1!ReleaseInd(Normal clearing) L1?EventReportBCSM (1,oMidCall) is received only once (filtering rules apply) L1?EventReportBCSM (1,oDisconnect) is received only once (filtering rules apply) L1!ContinueWithArgument(legID=1)
Pass criteria	L1?EventReportBCSM (1,oMidCall) is received only once (filtering rules apply) L1?EventReportBCSM (1,oDisconnect) is received only once (filtering rules apply)
Postamble:	Release_234

MSC IN3_A_CPH_ARM_06



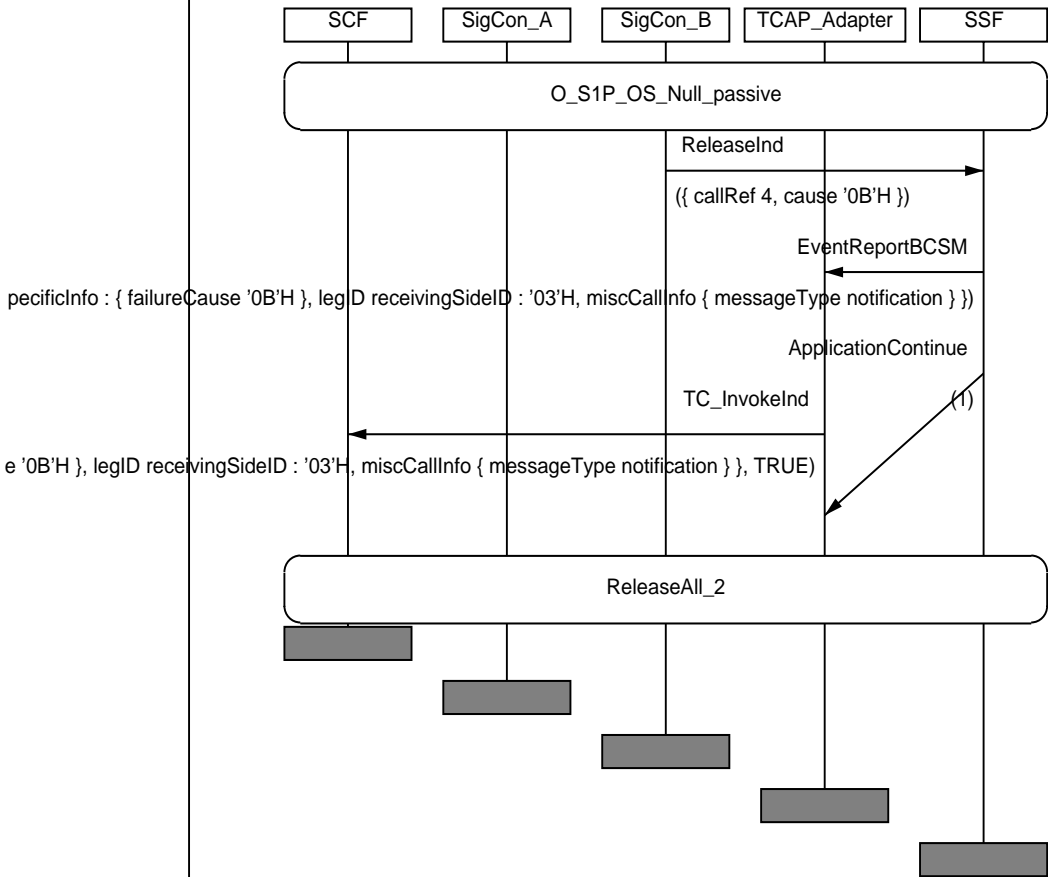
10.1.2 Events coming from passive legs (legID= 2,3,4)

10.1.2.1 Passive legs contained in multiple Call Segments

10.1.2.1.1 Single event from a single passive leg

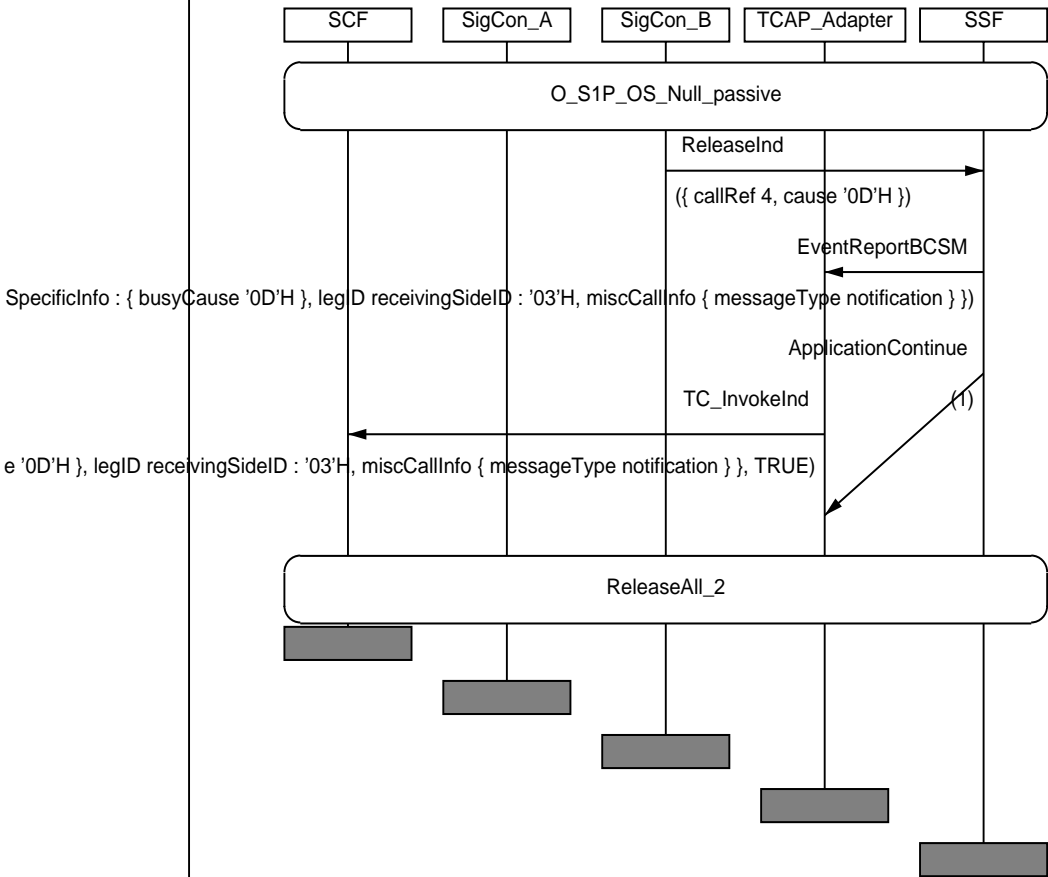
IN3_A_CPH_ARM_07	
Work item no.:	ITEM_CPH_96
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_OS_null_passive, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2 (passive), events routeSelectFailure, oCalledPartyBusy, oAnswer, oDisconnect, oSuspend on leg3 (passive), sends exactly one EventReportBCSM invoke component indicating (routeSelectFailure) after having received ReleaseInd(Route Select Failure cause) from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_S1P_OS_null_passive
Test description	CP1_3!ReleaseInd(Route Select Failure cause)
Pass criteria	L1?EventReportBCSM(3,routeSelectFailure)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_ARM_07



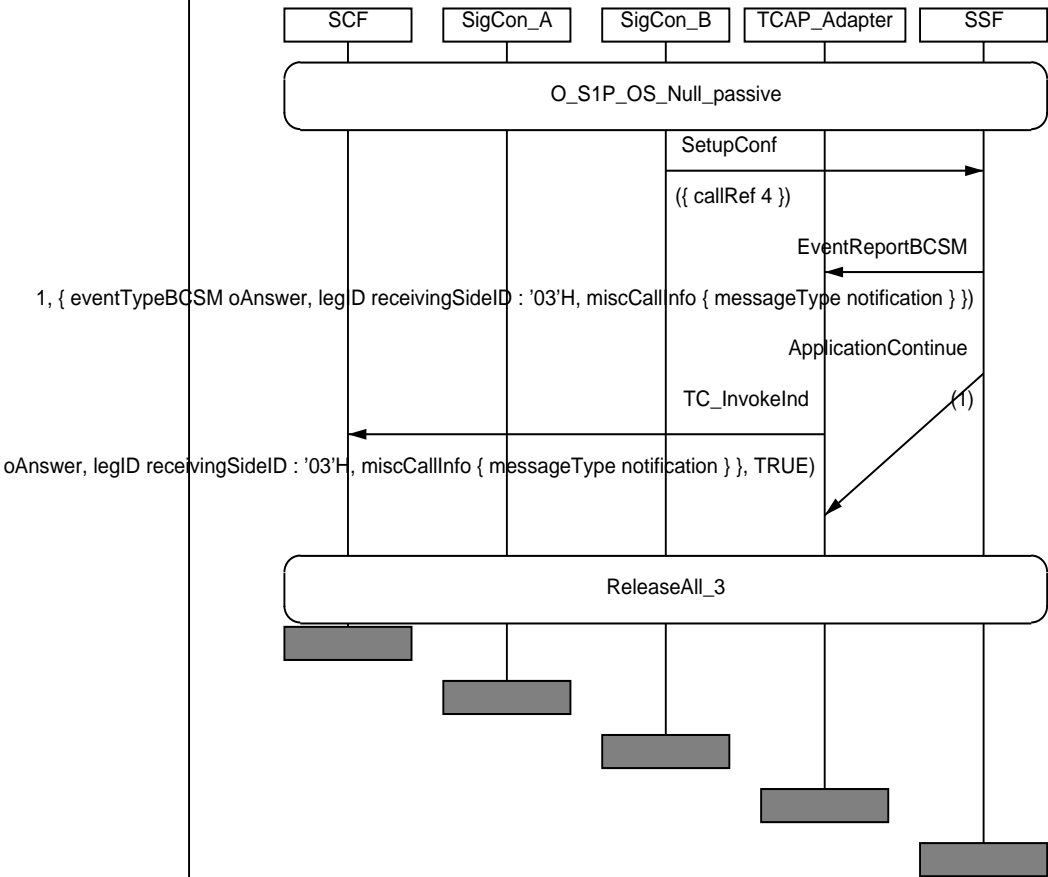
IN3_A_CPH_ARM_08	
Work item no.:	ITEM_CPH_97
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_OS_null_passive, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2 (passive), events routeSelectFailure, oCalledPartyBusy, oAnswer, oDisconnect, oSuspend on leg3 (passive), sends exactly one EventReportBCSM invoke component indicating (oCalledPartyBusy) after having received ReleaseInd(Busy cause) from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_S1P_OS_null_passive
Test description	CP1_3!ReleaseInd(Busy cause)
Pass criteria	L1?EventReportBCSM(3,oCalledPartyBusy)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_ARM_08



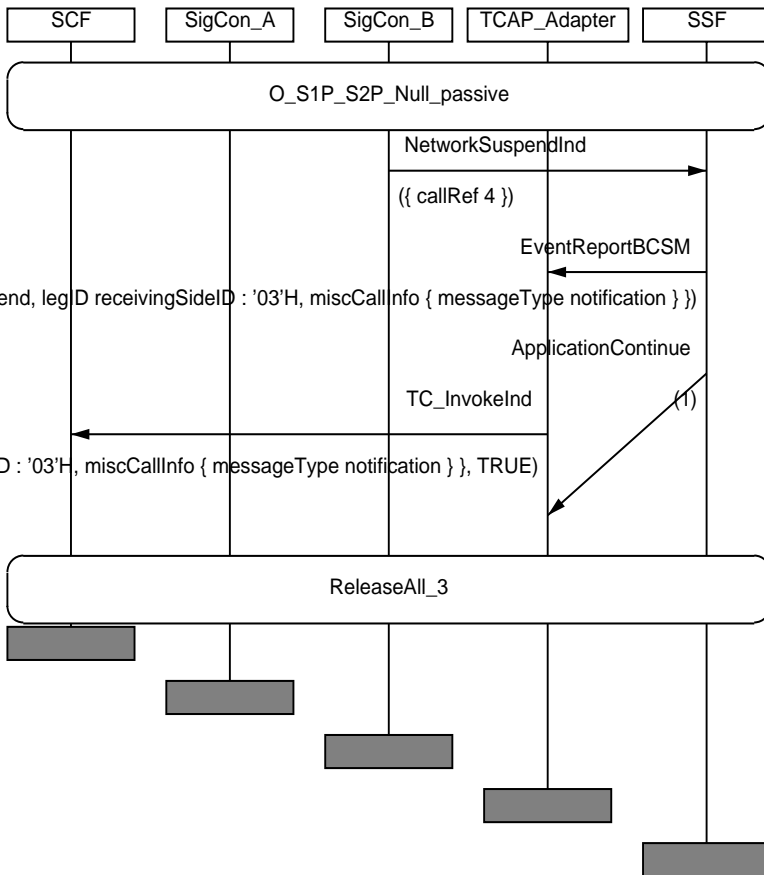
IN3_A_CPH_ARM_09	
Work item no.:	ITEM_CPH_98
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_OS_null_passive, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2 (passive), events routeSelectFailure, oCalledPartyBusy, oAnswer, oDisconnect, oSuspend on leg3 (passive), sends exactly one EventReportBCSM invoke component indicating (oAnswer) after having received SetupConf from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_S1P_OS_null_passive
Test description	CP1_3!SetupConf
Pass criteria	L1?EventReportBCSM(3,oAnswer)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ARM_09



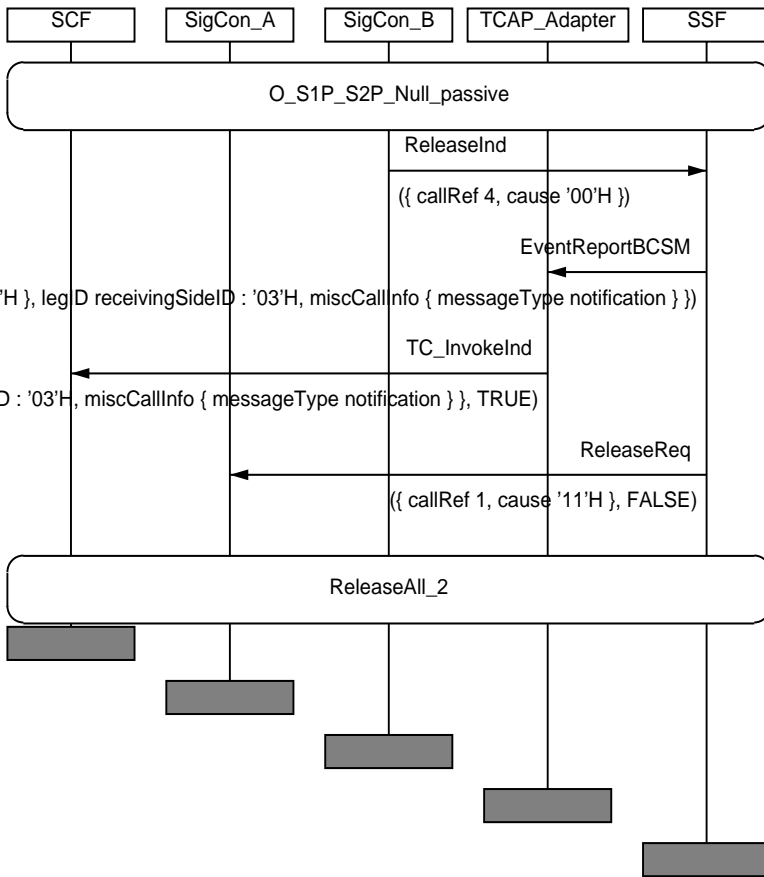
IN3_A_CPH_ARM_11	
Work item no.:	ITEM_CPH_100
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_S2P_null_passive, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2 and on leg 3 (passive), sends exactly one EventReportBCSM invoke component indicating (oSuspend) after having received NetworkSuspendInd from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_S1P_S2P_null_passive
Test description	CP1_3!NetworkSuspendInd
Pass criteria	L1?EventReportBCSM(3,oSuspend)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ARM_11



IN3_A_CPH_ARM_12	
Work item no.:	ITEM_CPH_101
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_S2P_null_passive, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2 and on leg 3 (passive), sends exactly one EventReportBCSM invoke component indicating (leg3,oDisconnect) after having received ReleaseInd(Normal clearing) from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_S1P_S2P_null_passive
Test description	CP1_3!ReleaseInd(Normal clearing) L1?EventReportBCSM(3,oDisconnect) CP1_3?ReleaseReq
Pass criteria	L1?EventReportBCSM(3,oDisconnect)
Postamble:	ReleaseAll_2

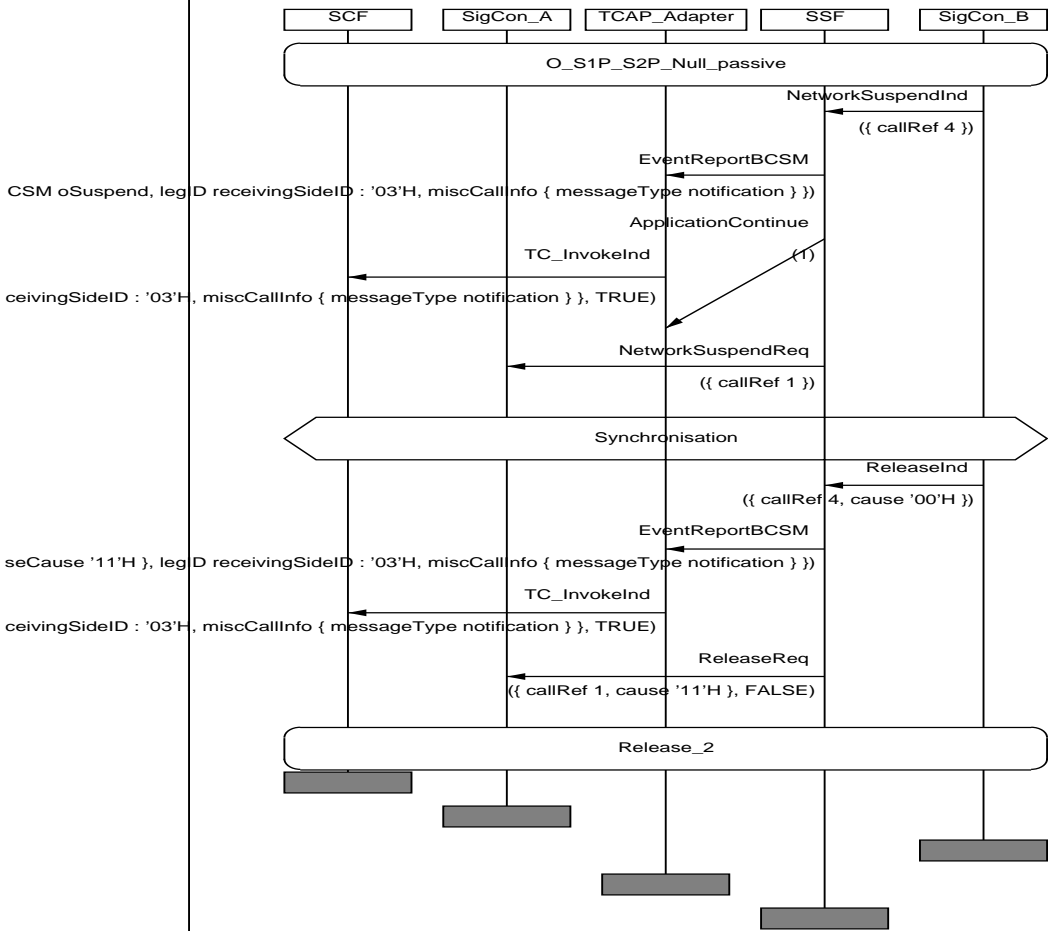
MSC IN3_A_CPH_ARM_12



10.1.2.1.2 Multiple events from a single passive leg

IN3_A_CPH_ARM_13	
Work item no.:	ITEM_CPH_102
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_S1P_S2P_null_passive, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2 and on leg 3 (passive), sends exactly one EventReportBCSM invoke component indicating (leg3,oSuspend) and exactly one EventReportBCSM invoke component indicating (leg3,oDisconnect) after having received NetworkSuspendInd and ReleaseInd(Normal clearing) from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_S1P_S2P_null_passive
Test description	CP1_3!NetworkSuspendInd CP1_3!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(3,oSuspend) L1?EventReportBCSM(,oDisconnect) CP1_1?ReleaseReq
Postamble:	Release_2

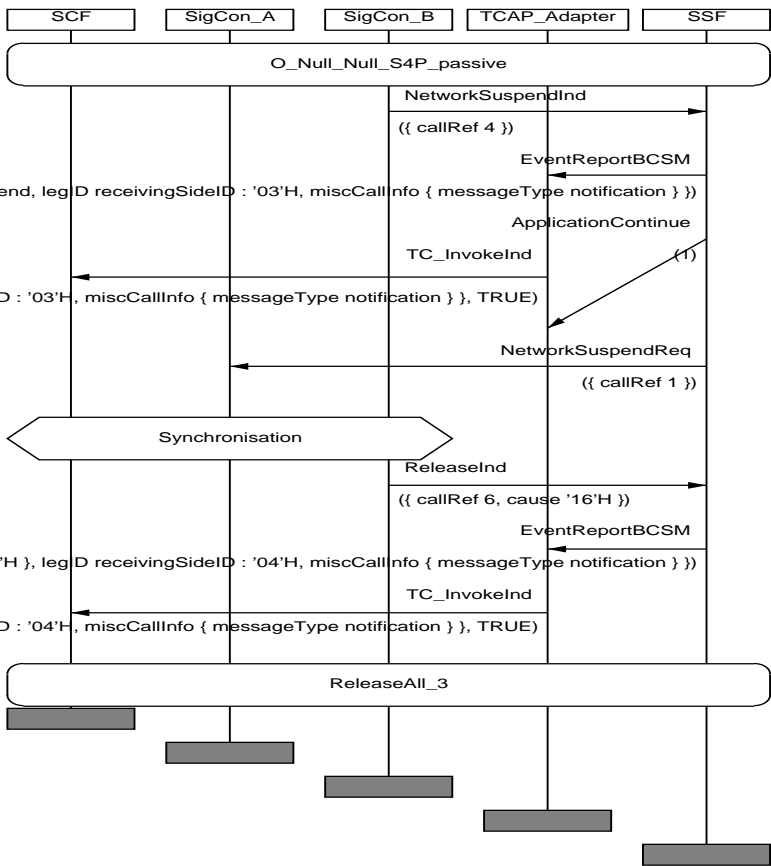
MSC IN3_A_CPH_ARM_13



10.1.2.1.3 Multiple events from multiple passive legs in the same call segment

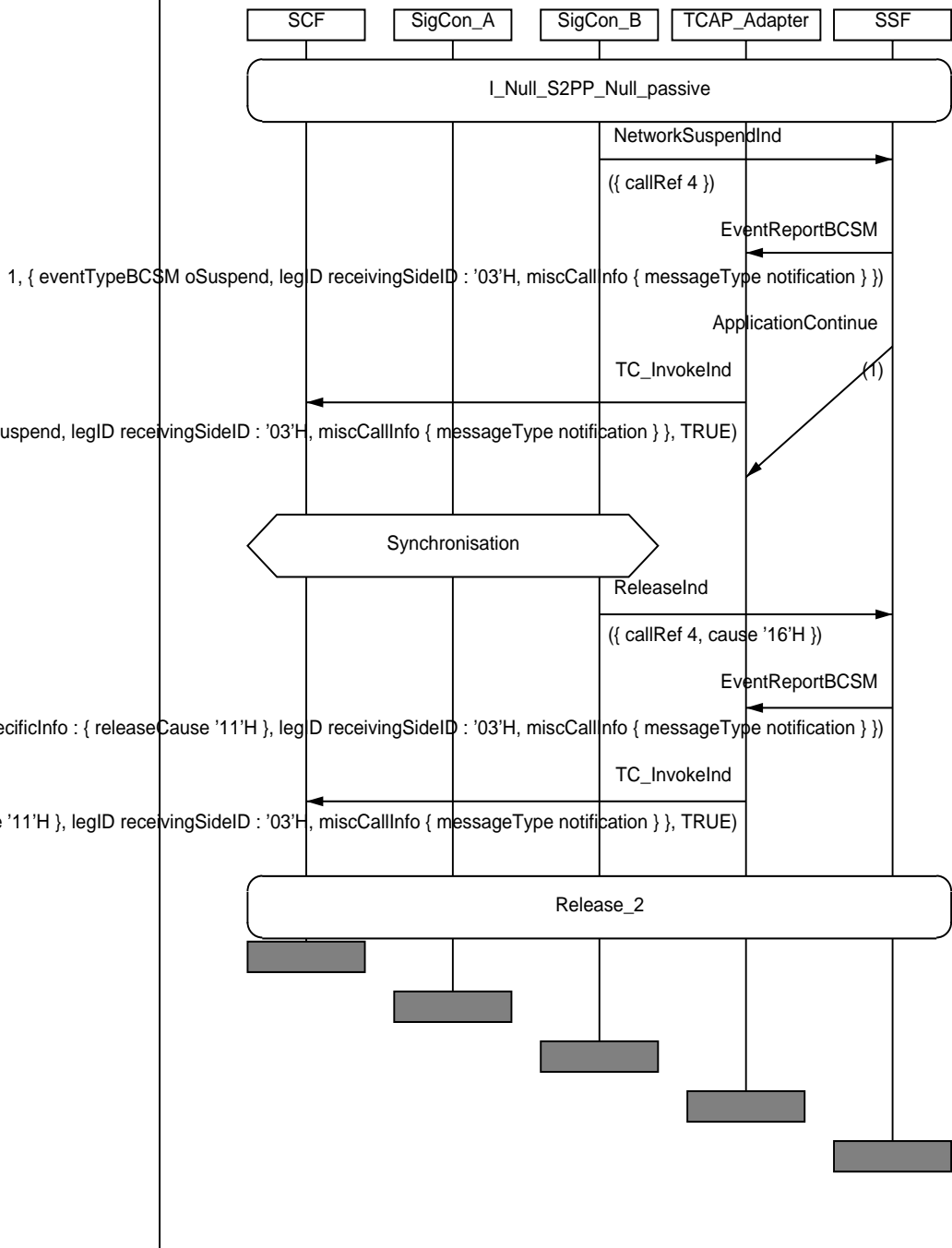
IN3_A_CPH_ARM_16	
Work item no.:	ITEM_CPH_105
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_null_S4P_passive, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2, leg3 and on leg 4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg3,oSuspend) and exactly one EventReportBCSM invoke component indicating (leg4,oDisconnect) after having received NetworkSuspendInd from SigConC and ReleaseInd(Normal clearing) from SigConD.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_null_S4P_passive
Test description	CP1_3!NetworkSuspendInd CP1_4!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(,oSuspend) L1?EventReportBCSM(,oDisconnect)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ARM_16



IN3_A_CPH_ARM_17	
Work item no.:	ITEM_CPH_106
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble I_null_S2PP_null_passive, having armed Events oDisconnect, oSuspend on leg2 and on leg 3 (passive), sends exactly one EventReportBCSM invoke component indicating (leg2,oSuspend) and exactly one EventReportBCSM invoke component indicating (leg3,oDisconnect) after having received NetworkSuspendInd from SigConB, and ReleaseInd(Normal clearing) from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	I_null_S2PP_null_passive
Test description	CP1_3!NetworkSuspendInd CP1_3!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(2,oSuspend) L1?EventReportBCSM(3,oDisconnect)
Postamble:	Release_2

MSC IN3_A_CPH_ARM_17

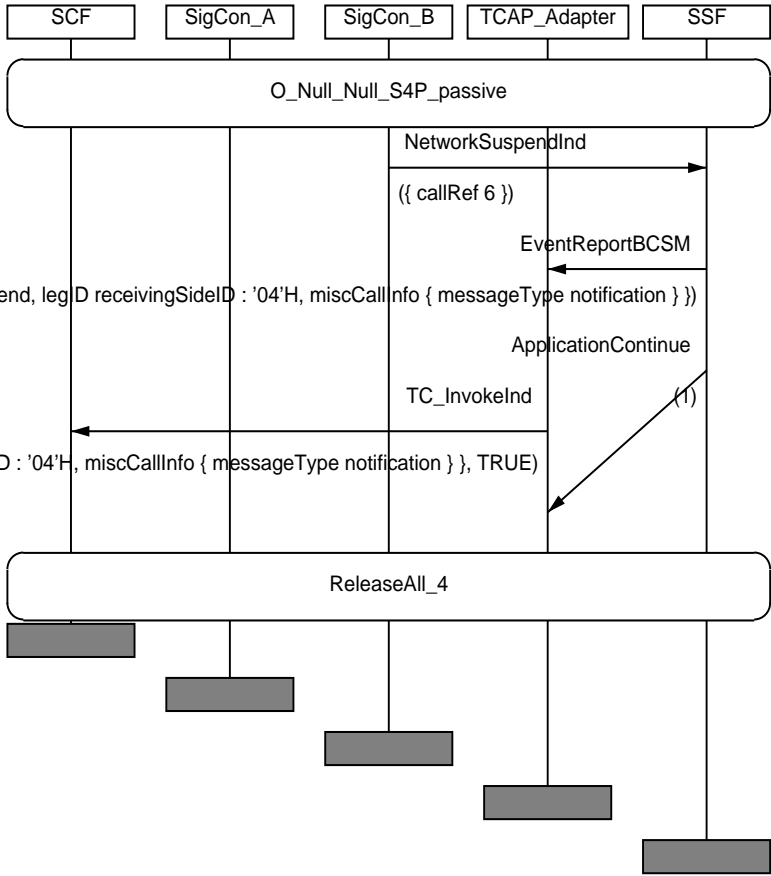


10.1.2.2 All Passive legs contained in a single Call Segment

10.1.2.2.1 Single event from a single passive leg

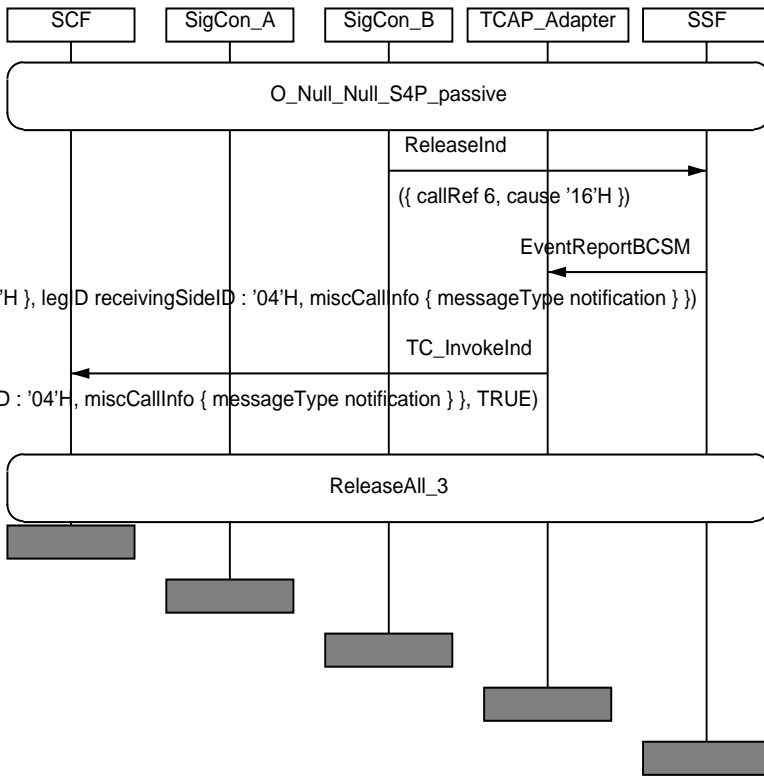
IN3_A_CPH_ARM_20	
Work item no.:	ITEM_CPH_109
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_null_S4P_passive, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2, leg3 and on leg 4 (passive), sends exactly one EventReportBCSM invoke component indicating (oSuspend) after having received NetworkSuspendInd from SigConB.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_null_S4P_passive
Test description	CP1_3!NetworkSuspendInd
Pass criteria	L1?EventReportBCSM(4,oSuspend)
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_ARM_20



IN3_A_CPH_ARM_21	
Work item no.:	ITEM_CPH_110
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_null_S4P_passive, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2, leg3 and on leg 4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg4,oDisconnect) after having received ReleaseInd(Normal clearing) from SigConD.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_null_S4P_passive
Test description	CP1_4!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(4,oDisconnect)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ARM_21

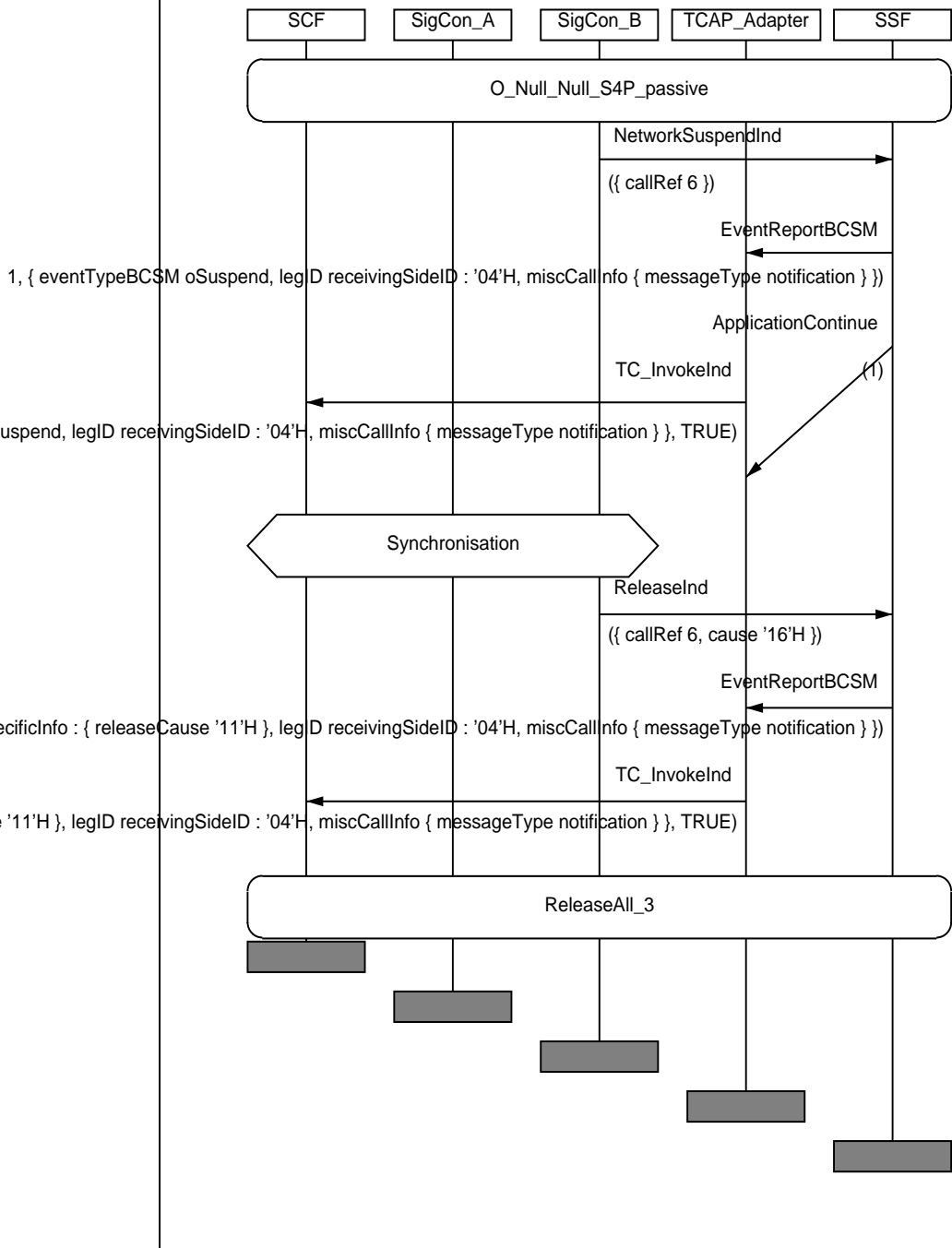


specificInfo : { releaseCause '11'H }, legID receivingSideID : '04'H, miscCallInfo { messageType notification } })
 e '11'H }, legID receivingSideID : '04'H, miscCallInfo { messageType notification } }, TRUE)

10.1.2.2.2 Multiple events from a single passive leg

IN3_A_CPH_ARM_23	
Work item no.:	ITEM_CPH_112
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_null_S4P_passive, having armed events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2, leg3 and on leg 4 (passive), sends exactly one EventReportBCSM invoke component indicating (oSuspend) and exactly one EventReportBCSM invoke component indicating (leg4,oDisconnect) after having received NetworkSuspendInd followed by ReleaseInd(Normal clearing) from SigConD.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_null_S4P_passive
Test description	CP1_4!NetworkSuspendInd CP1_4!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(4,oSuspend) L1?EventReportBCSM(4,oDisconnect)
Postamble:	ReleaseAll_3

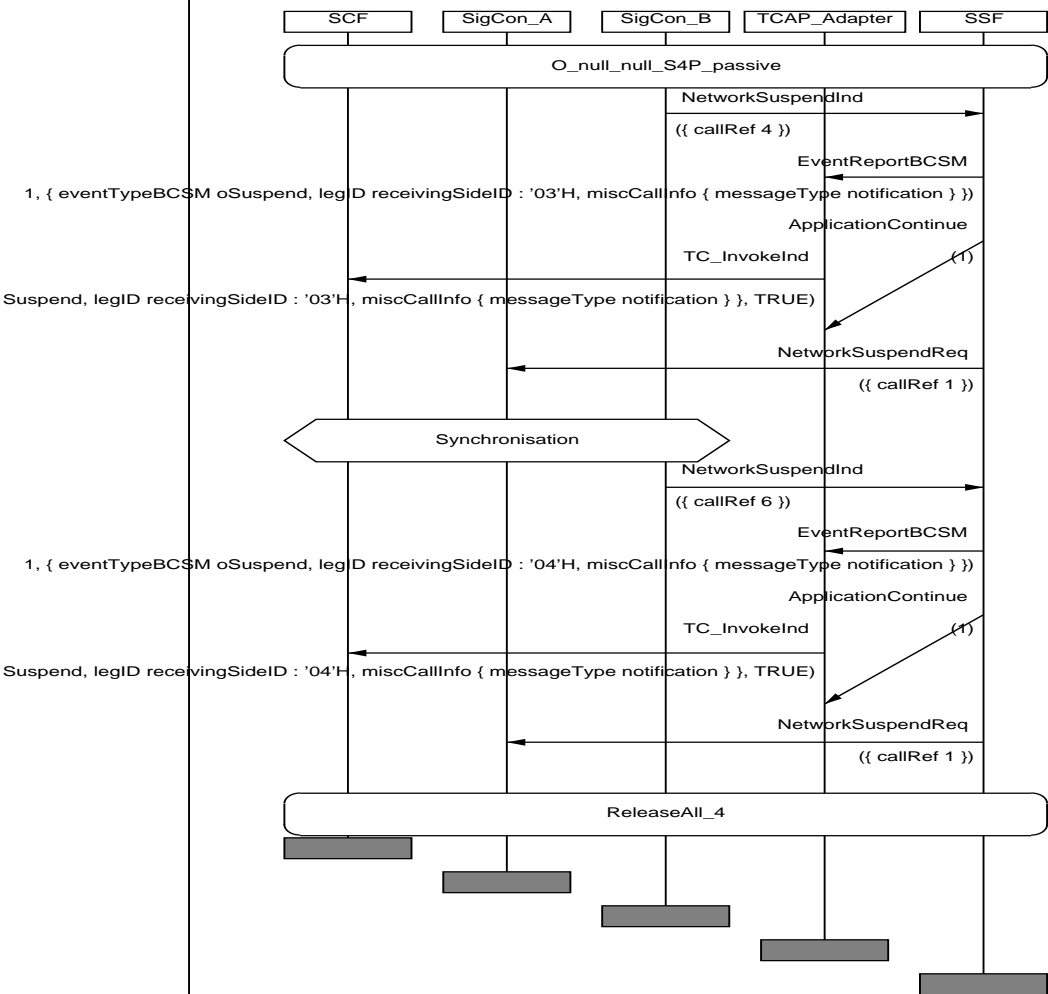
MSC IN3_A_CPH_ARM_23



10.1.2.2.3 Multiple events from multiple passive legs in the same call segment

IN3_A_CPH_ARM_24	
Work item no.:	ITEM_CPH_113
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble O_null_null_S4P_passive, having armed events events oMidCall and oDisconnect on leg1 (controlling), events oDisconnect, oSuspend on leg2, leg3 and on leg 4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg3,oSuspend) and exactly one EventReportBCSM invoke component indicating (leg4,oSuspend) after having received NetworkSuspendInd from SigConC and from SigConD.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	O_null_null_S4P_passive
Test description	CP1_3!NetworkSuspendInd CP1_4!NetworkSuspendInd
Pass criteria	L1?EventReportBCSM(3,oSuspend) L1?EventReportBCSM(4,oSuspend)
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_ARM_24



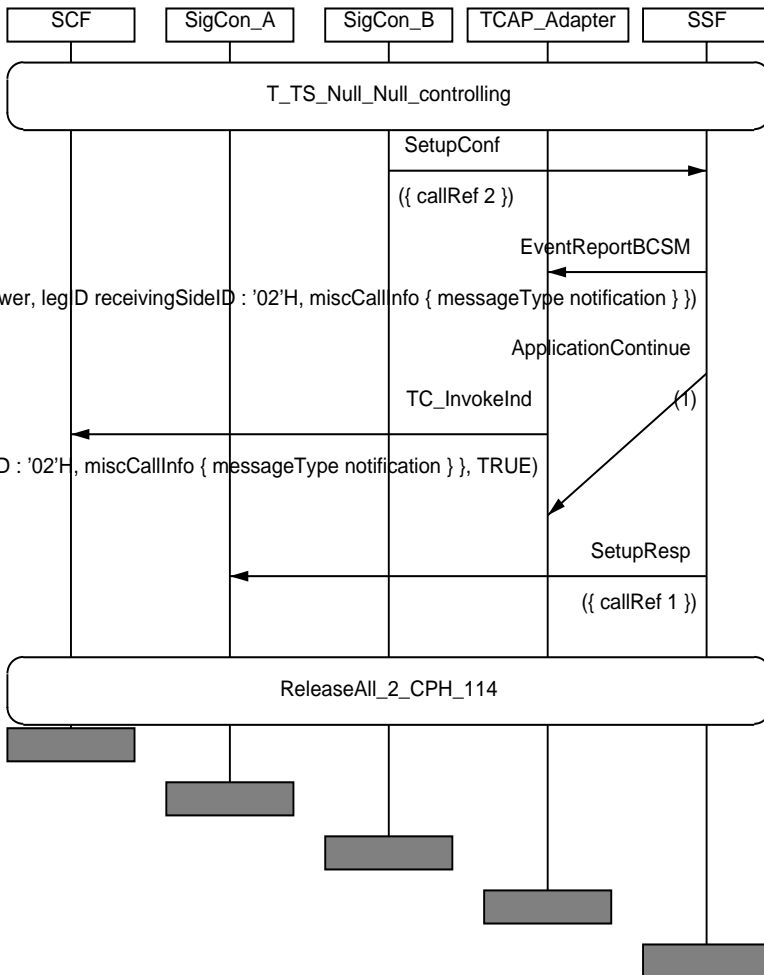
10.2 Terminating (T) trigger

10.2.1 Events coming from the controlling leg (legID=2)

10.2.1.1 Single event from the controlling leg

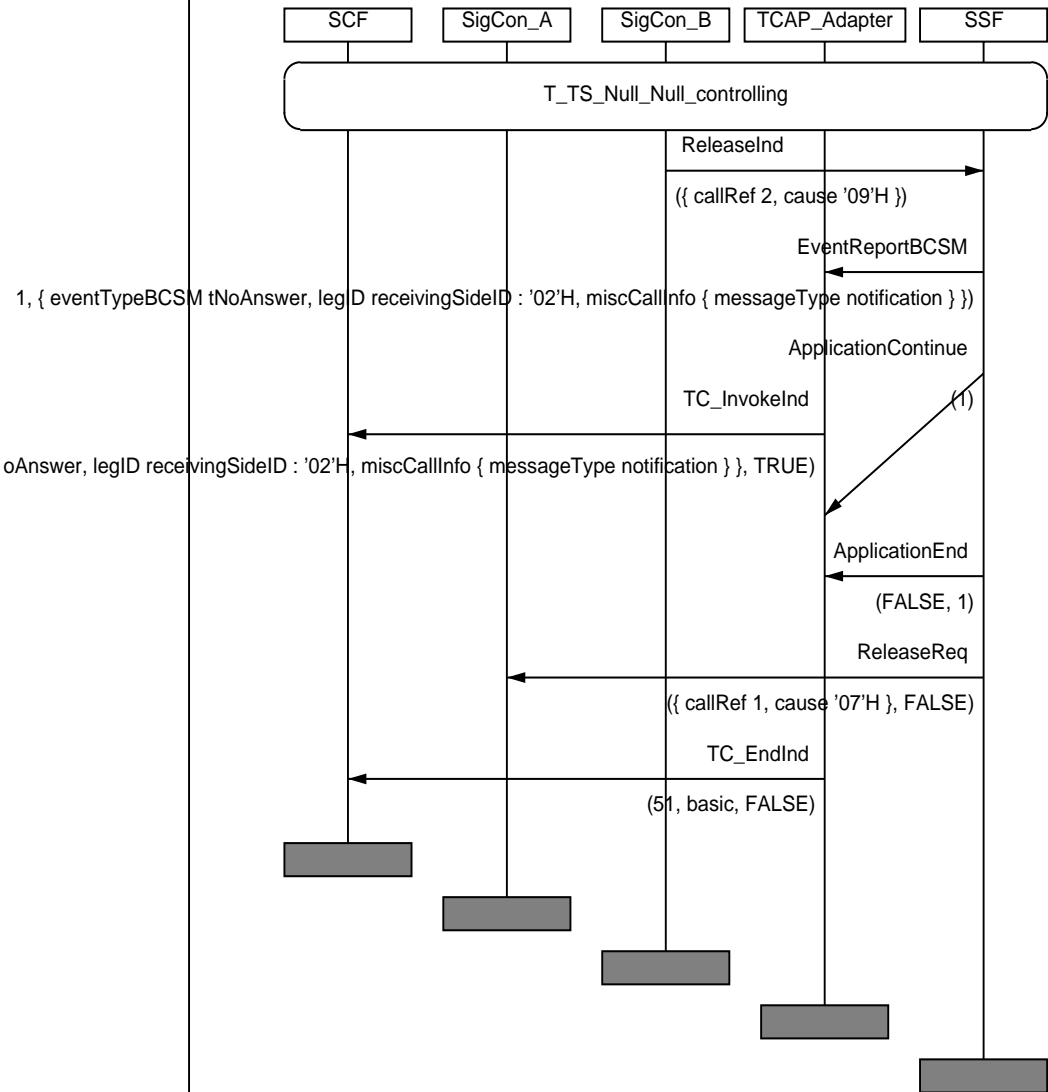
IN3_A_CPH_ARM_25	
Work item no.:	ITEM_CPH_114
IN2 Ref(tmp)	IN2_A_CPH_084
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_TS_null_null_controlling, having armed events tDisconnect on leg1 (passive) and events tAnswer, tCalledPartyBusy, tNoAnswer, tDisconnect, tMidCall and tSuspend on leg2 (controlling), sends exactly one EventReportBCSM invoke component indicating (tAnswer) after having received SetupConf from SigConB.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_TS_null_null_controlling
Test description	CP1_2!SetupConf L1?EventReportBCSM (2,tAnswer) CP1_1?SetUpResp
Pass criteria	L1?EventReportBCSM (2,tAnswer) CP1_1?SetUpResp
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_ARM_25



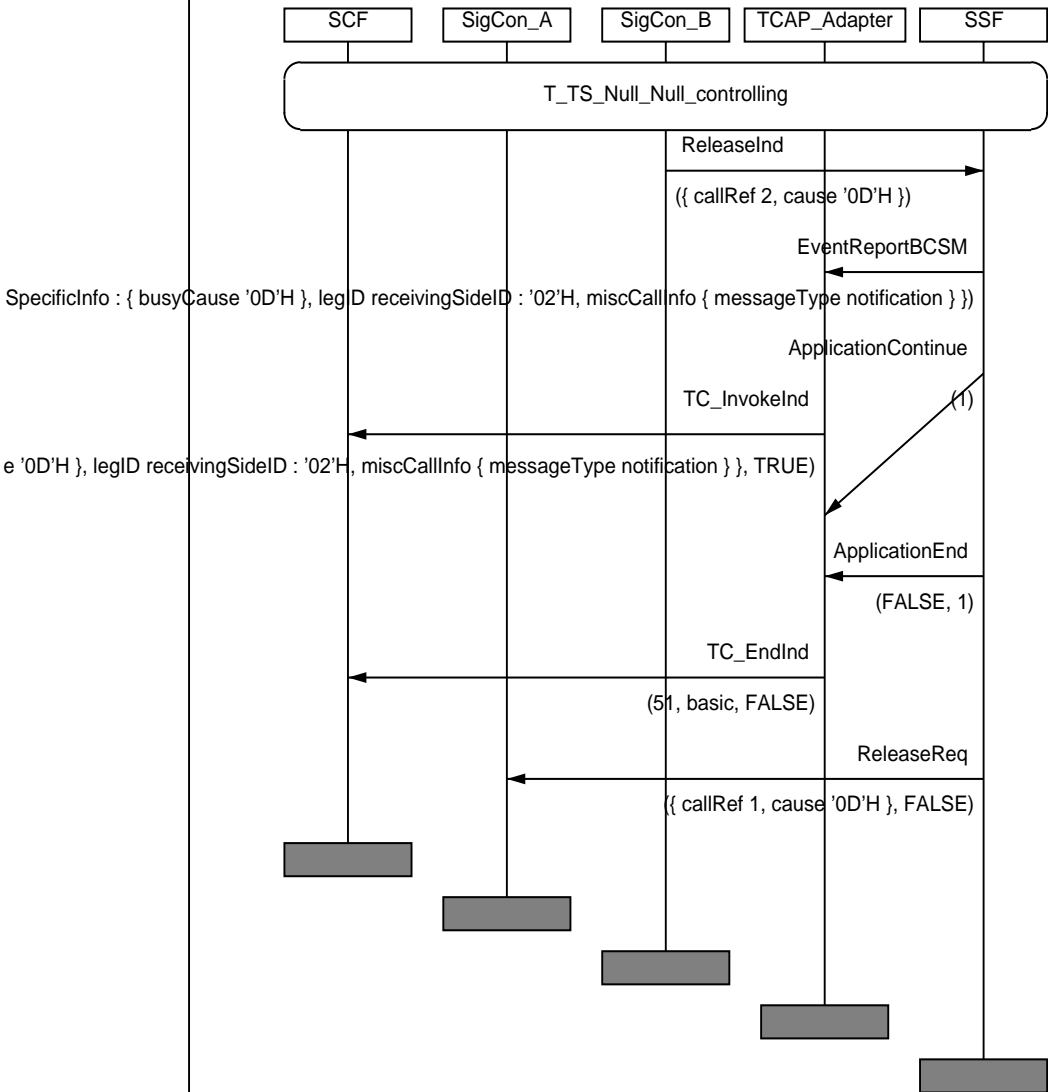
IN3_A_CPH_ARM_26	
Work item no.:	ITEM_CPH_115
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_TS_null_null_controlling, having armed events tDisconnect on leg1 (passive) and events tAnswer, tCalledPartyBusy, tNoAnswer, tDisconnect, tMidCall and tSuspend on leg2 (controlling), sends exactly one EventReportBCSM invoke component indicating (tNoAnswer) after timeout (having received no answer from SigConB).
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_TS_null_null_controlling
Test description	CP1_2!ReleaseInd(noReply) CP1_1?ReleaseRequest(noReply)
Pass criteria	L1?EventReportBCSM (2,tNoAnswer)
Postamble:	None

MSC IN3_A_CPH_ARM_26



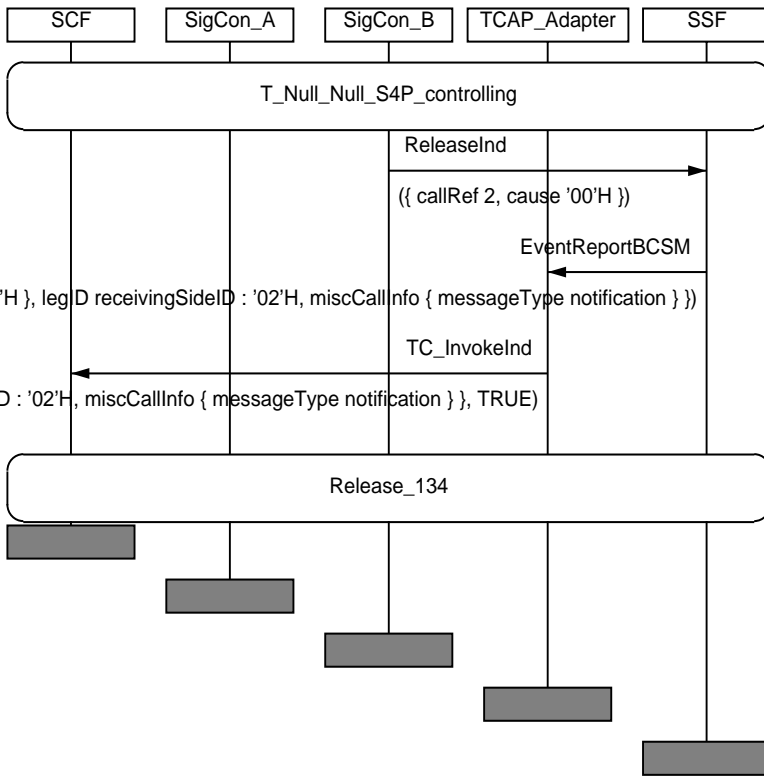
IN3_A_CPH_ARM_27	
Work item no.:	ITEM_CPH_116
IN2 Ref(tmp)	IN2_A_CPH_087
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_TS_null_null_controlling, having armed events tDisconnect on leg1 (passive) and events tAnswer, tCalledPartyBusy, tNoAnswer, tDisconnect, tMidCall and tSuspend on leg2 (controlling), sends exactly one EventReportBCSM invoke component indicating (tCalledPartyBusy) after having received ReleaseInd(Busy cause) from SigConB.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_TS_null_null_controlling
Test description	CP1_2!ReleaseInd(2,Busy cause) CP1_1?ReleaseReq(Busy cause)
Pass criteria	L1?EventReportBCSM(2,tCalledPartyBusy)
Postamble:	None

MSC IN3_A_CPH_ARM_27



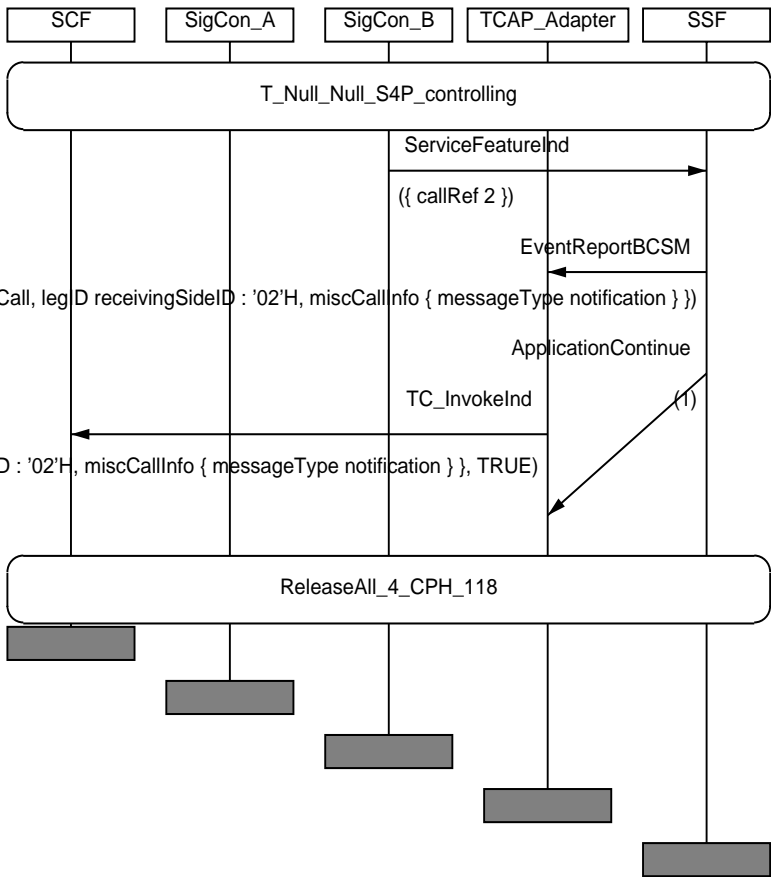
IN3_A_CPH_ARM_28	
Work item no.:	ITEM_CPH_117
IN2 Ref(tmp)	IN2_A_CPH_089
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_null_S4P_controlling, having armed events tDisconnect on leg1 (passive), events tCalledPartyBusy, tNoAnswer, tDisconnect, tMidCall and tSuspend on leg2 (controlling) and event oDisconnect on leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg2,tDisconnect) after having received ReleaseInd(Normal clearing) from SigConB.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_null_null_S4P_controlling
Test description	CP1_2!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM (leg2,tDisconnect) is received only once (filtering rules apply)
Postamble:	Release_134

MSC IN3_A_CPH_ARM_28



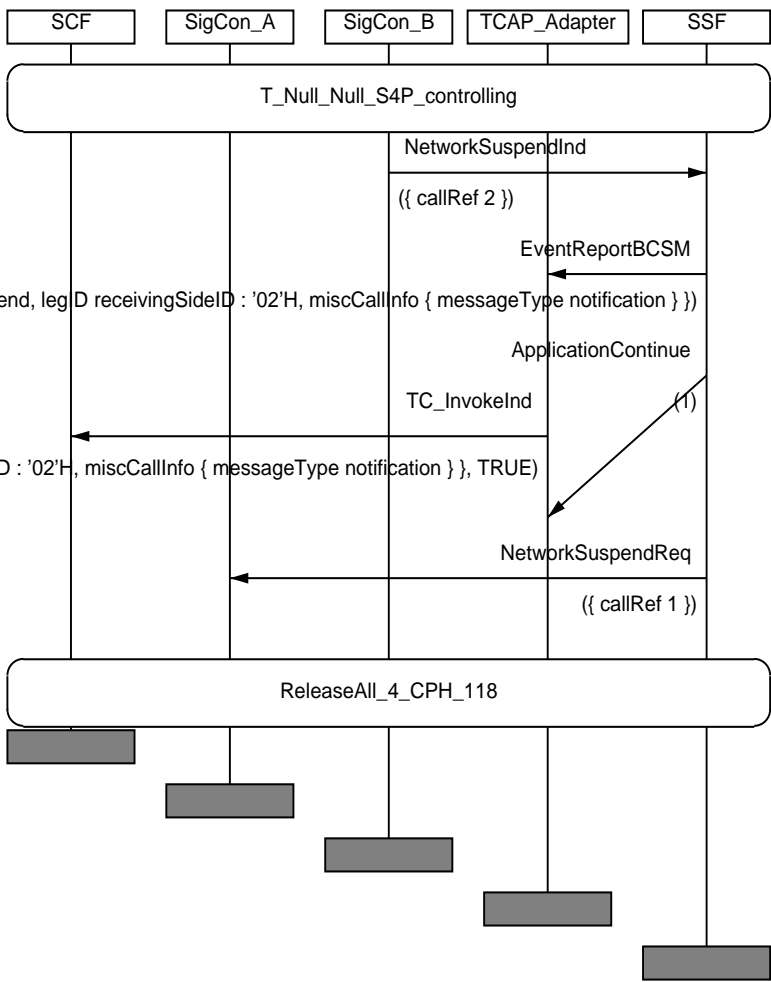
IN3_A_CPH_ARM_29	
Work item no.:	ITEM_CPH_118
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_null_S4P_controlling, having armed event tDisconnect on leg1 (passive), events tCalledPartyBusy, tNoAnswer, tDisconnect, tMidCall and tSuspend on leg2 (controlling) and event oDisconnect on leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg2,tMidCall) after having received ServiceFeatureIndication from SigConB.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_null_null_S4P_controlling
Test description	CP1_2!ServiceFeatureIndication
Pass criteria	L1?EventReportBCSM (leg2,tMidCall) is received exactly once (filtering rules apply)
Postamble:	ReleaseAll_4_CPH_118

MSC IN3_A_CPH_ARM_29



IN3_A_CPH_ARM_30	
Work item no.:	ITEM_CPH_119
IN2 Ref(tmp)	None
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_null_S4P_controlling, having armed event tDisconnect on leg1 (passive), events tCalledPartyBusy, tNoAnswer, tDisconnect, tMidCall and tSuspend on leg2 (controlling) and event oDisconnect on leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (tSuspend) after having received SuspendIndication from SigConB.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_null_null_S4P_controlling
Test description	CP1_2!SuspendIndication
Pass criteria	L1?EventReportBCSM (2,tSuspend)
Postamble:	ReleaseAll_4_CPH_118

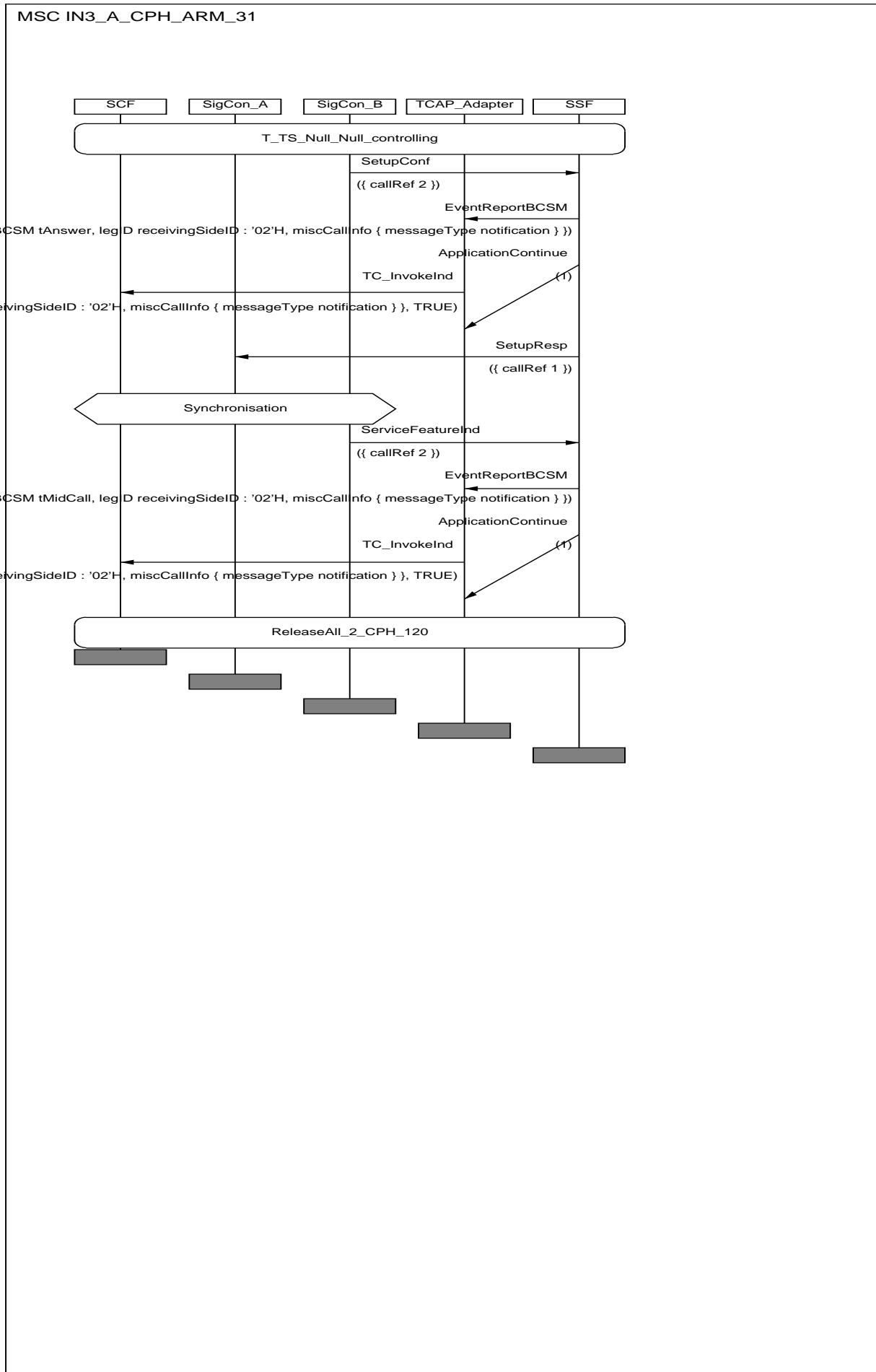
MSC IN3_A_CPH_ARM_30



10.2.1.2 Multiple events from the controlling leg

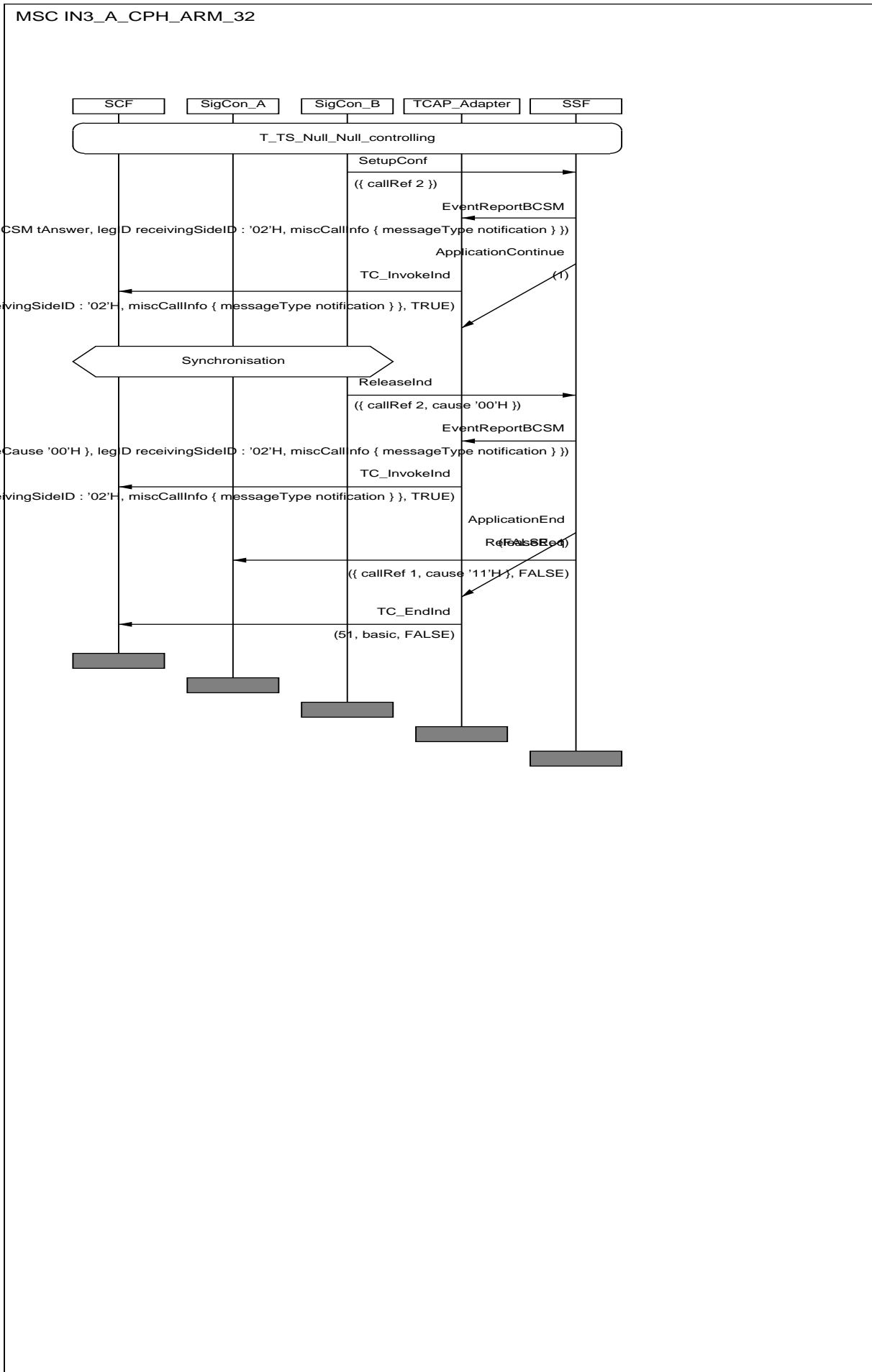
IN3_A_CPH_ARM_31	
Work item no.:	ITEM_CPH_120
IN2 Ref(tmp)	IN2_A_CPH_085
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_TS_null_null_controlling, having armed event tDisconnect on leg1 (passive) and events tAnswer, tCalledPartyBusy, tNoAnswer, tDisconnect, tMidCall and tSuspend on leg2 (controlling), sends exactly one EventReportBCSM invoke component indicating (leg2,tAnswer) and exactly one EventReportBCSM invoke component indicating (leg2,tMidCall) after having received SetupConf and ServiceFeatureIndication from SigConB.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_TS_null_null_controlling
Test description	CP1_2!SetupConf L1?EventReportBCSM (leg2,tAnswer) CP1_1?SetUpResp CP1_2!ServiceFeatureIndication L1?EventReportBCSM (leg2,tMidCall)
Pass criteria	L1?EventReportBCSM (leg2,tAnswer) CP1_1?SetUpResp L1?EventReportBCSM (leg2,tMidCall)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_ARM_31



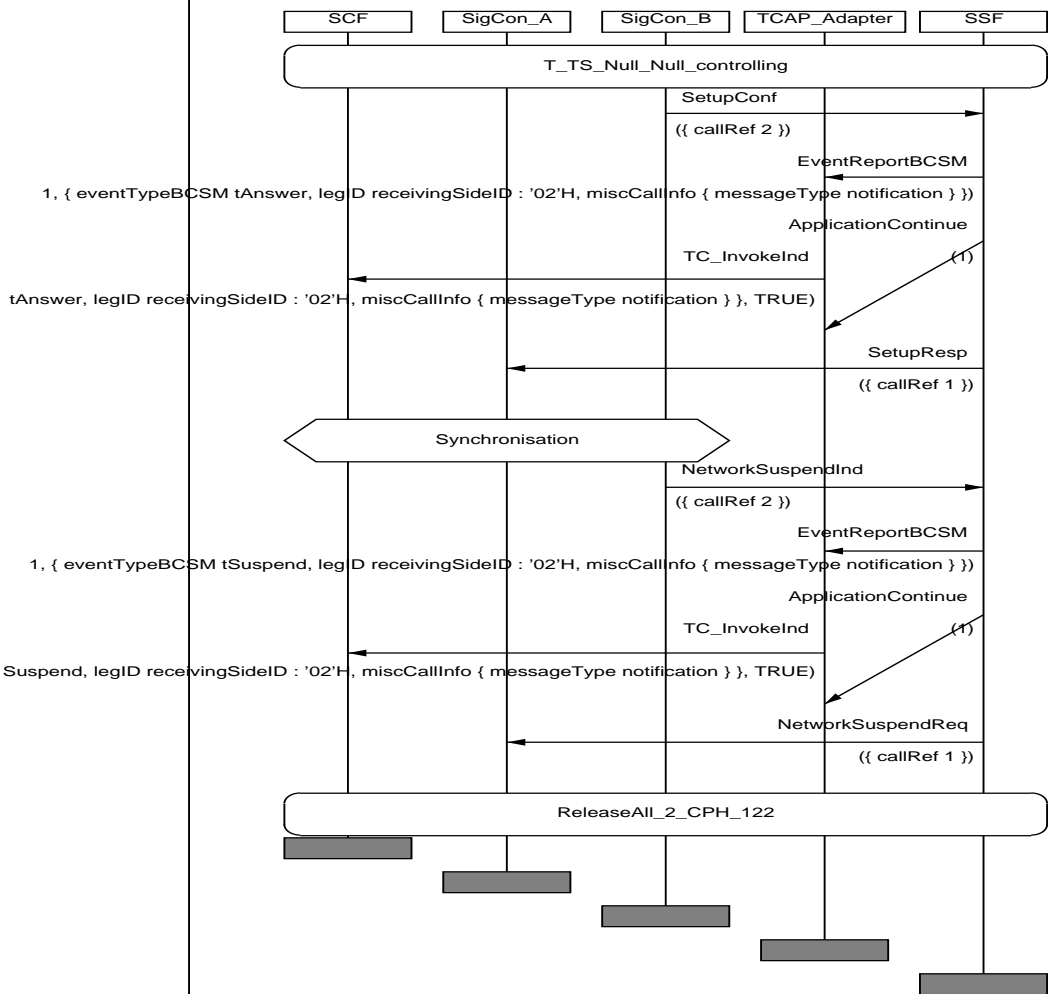
IN3_A_CPH_ARM_32	
Work item no.:	ITEM_CPH_121
IN2 Ref(tmp)	IN2_A_CPH_086
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_TS_null_null_controlling, having armed event tDisconnect on leg1 (passive) and events tAnswer, tCalledPartyBusy, tNoAnswer, tDisconnect, tMidCall and tSuspend on leg2 (controlling), sends exactly one EventReportBCSM invoke component indicating (leg2,tAnswer) and exactly one EventReportBCSM invoke component indicating (leg2,tDisconnect) after having received SetupConf and ReleaseInd(Normal clearing) from SigConB.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_TS_null_null_controlling
Test description	CP1_2!SetupConf CP1_1?SetUpResp L1?EventReportBCSM (leg2,tAnswer) CP1_2!ReleaseInd(Normal clearing) L1?EventReportBCSM(leg2,tDisconnect)
Pass criteria	L1?EventReportBCSM (leg2,tAnswer) CP1_1?SetUpResp L1?EventReportBCSM(leg2,tDisconnect) CP1_1?ReleaseReq(Normal clearing)
Postamble:	

MSC IN3_A_CPH_ARM_32



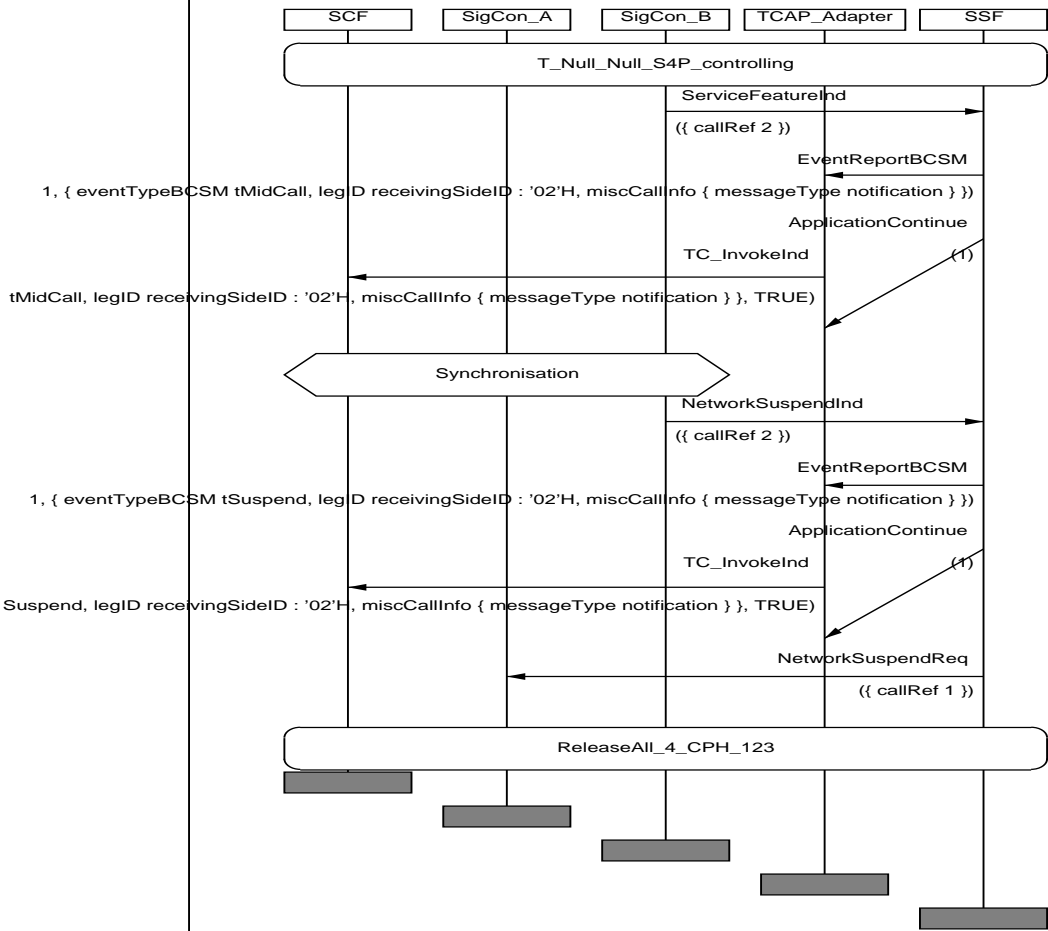
IN3_A_CPH_ARM_33	
Work item no.:	ITEM_CPH_122
IN2 Ref(tmp)	IN2_A_CPH_088
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_TS_null_null_controlling, having armed event tDisconnect on leg1 (passive) and events tAnswer, tCalledPartyBusy, tNoAnswer, tDisconnect, tMidCall and tSuspend on leg2 (controlling), sends exactly one EventReportBCSM invoke component indicating (tAnswer) and exactly one EventReportBCSM invoke component indicating (tSuspend) after having received SetupConf and SuspendIndication from SigConB.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_TS_null_null_controlling
Test description	CP1_2!SetupConf L1?EventReportBCSM (2,tAnswer) CP1_1?SetupResp CP1_2!SuspendIndication L1?EventReportBCSM(2,tSuspend)
Pass criteria	L1?EventReportBCSM (2,tAnswer) CP1_1?SetupResp L1?EventReportBCSM(tSuspend)
Postamble:	ReleaseAll_2_CPH_122

MSC IN3_A_CPH_ARM_33



IN3_A_CPH_ARM_34	
Work item no.:	ITEM_CPH_123
IN2 Ref(tmp)	IN2_A_CPH_090
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_null_S4P_controlling, having armed event tDisconnect on leg1 (passive), events tCalledPartyBusy, tNoAnswer, tDisconnect, tMidCall and tSuspend on leg2 (controlling) and event oDisconnect on leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg2,tMidCall) and exactly one EventReportBCSM invoke component indicating (leg2,tSuspend) after having received ServiceFeatureIndication and SuspendIndication from SigConB.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_null_null_S4P_controlling
Test description	CP1_2!ServiceFeatureIndication CP1_2!SuspendIndication
Pass criteria	L1?EventReportBCSM (leg2,tMidCall) L1?EventReportBCSM(leg2,tSuspend)
Postamble:	ReleaseAll_4_CPH_123

MSC IN3_A_CPH_ARM_34



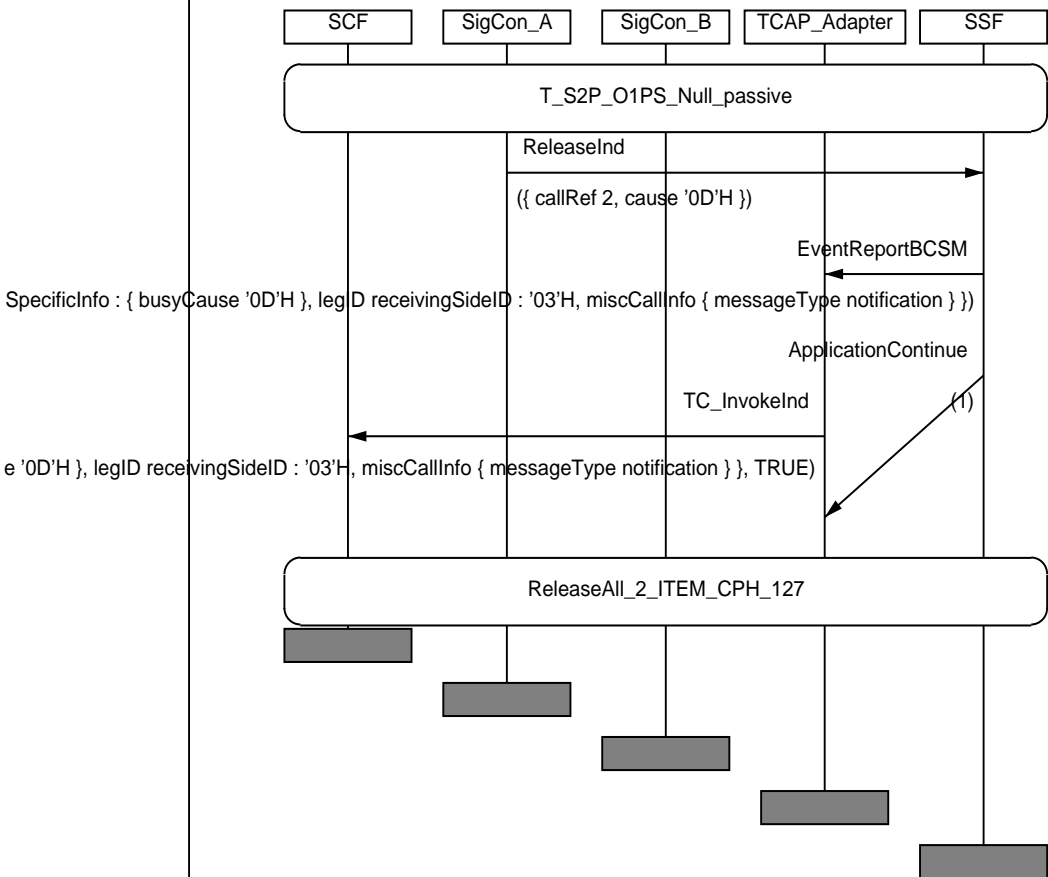
10.2.2 Events coming from passive legs (legID= 1,3,4)

10.2.2.1 Passive legs contained in multiple Call Segments

10.2.2.1.1 Single event from a single passive leg

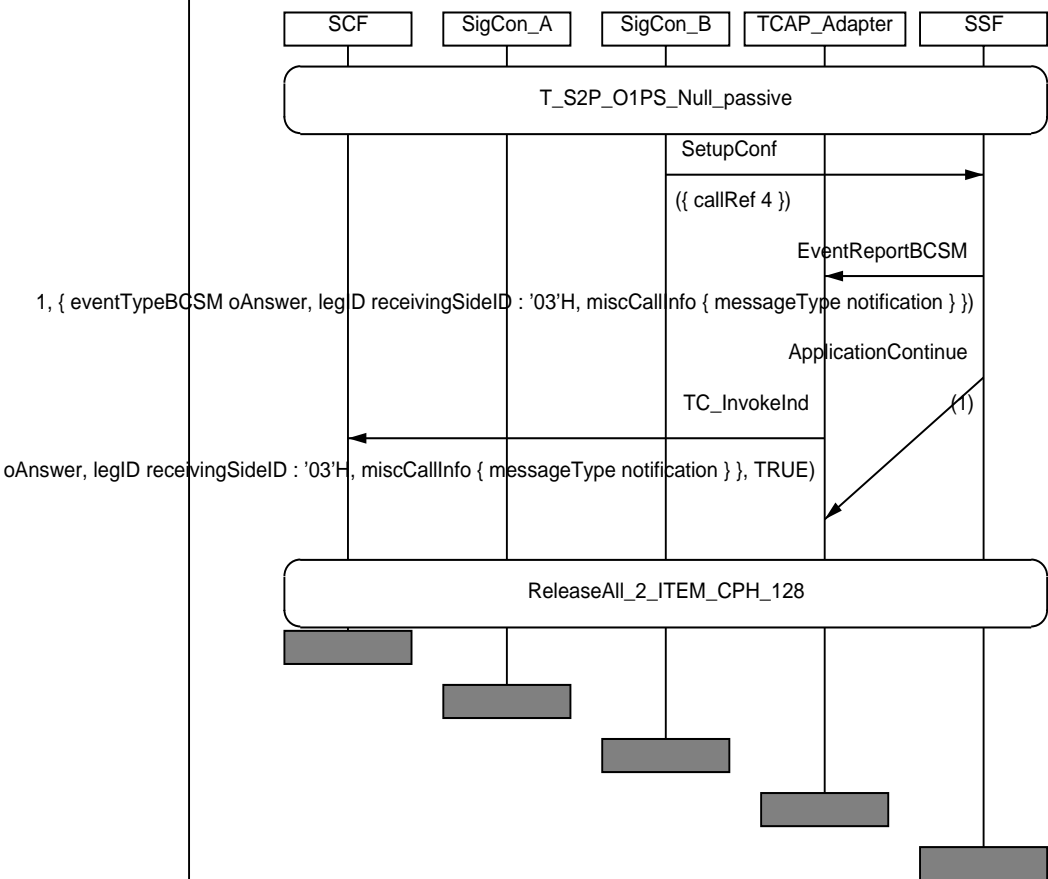
IN3_A_CPH_ARM_38	
Work item no.:	ITEM_CPH_127
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preambleT_S2P_OS_null_passive , having armed event tDisconnect on leg1 (passive), events tDisconnect, tMidCall and tSuspend on leg2 (controlling), routeSelectFailure, oCalledPartyBusy, oAnswer on leg3 (passive), sends exactly one EventReportBCSM invoke component indicating (leg3,oCalledPartyBusy) after having received ReleaseInd(Busy cause) from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_S2P_O1PS_null_passive
Test description	CP1_3!ReleaseInd(Busy cause)
Pass criteria	L1?EventReportBCSM(leg3,oCalledPartyBusy)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_ARM_38



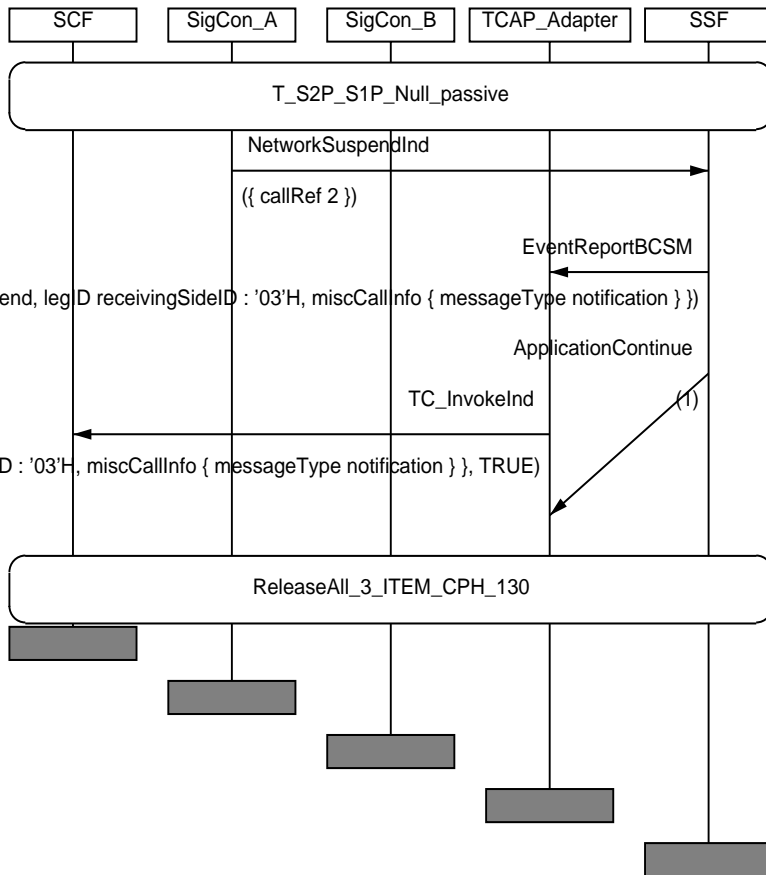
IN3_A_CPH_ARM_39	
Work item no.:	ITEM_CPH_128
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preambleT_S2P_O1PS_null_passive , having armed event tDisconnect on leg1 (passive), events tDisconnect, tMidCall and tSuspend on leg2 (controlling), routeSelectFailure, oCalledPartyBusy, oAnswer on leg3 (passive), sends exactly one EventReportBCSM invoke component indicating (leg3,oAnswer) after having received SetupConf from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_S2P_O1PS_null_passive
Test description	CP1_3!SetupConf
Pass criteria	L1?EventReportBCSM(3,oAnswer)
Postamble:	ReleaseAll_2

MSC IN3_A_CPH_ARM_39



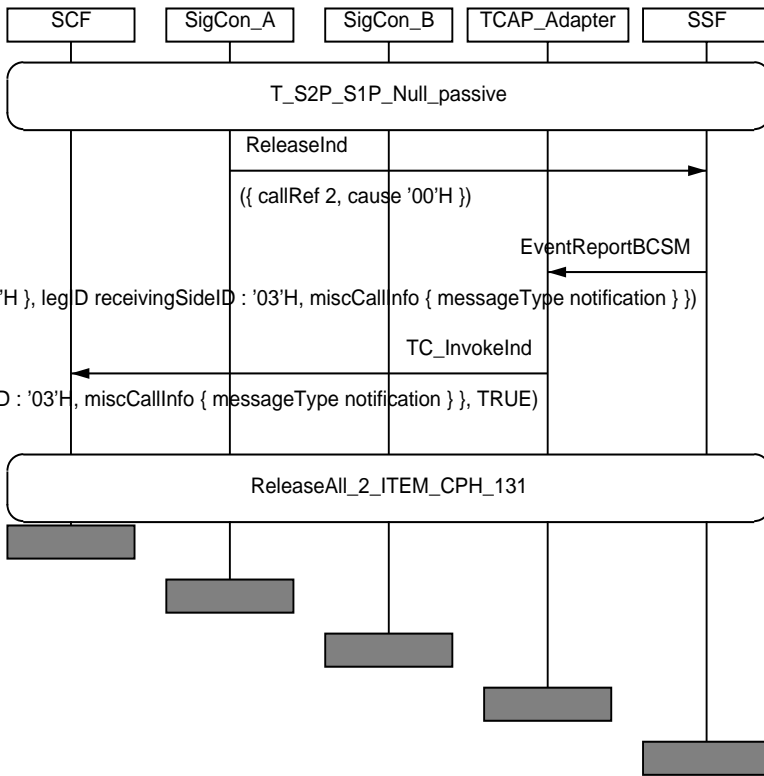
IN3_A_CPH_ARM_41	
Work item no.:	ITEM_CPH_130
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_S2P_S1P_null_passive, having armed event tDisconnect on leg1 (passive), events tDisconnect, tMidCall and tSuspend on leg2 (controlling), oSuspend, oDisconnect on leg3 (passive), sends exactly one EventReportBCSM invoke component indicating (leg3,oSuspend) after having received NetworkSuspendInd from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_S2P_S1P_null_passive
Test description	CP1_3!NetworkSuspendInd
Pass criteria	L1?EventReportBCSM(3,oSuspend)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ARM_41



IN3_A_CPH_ARM_42	
Work item no.:	ITEM_CPH_131
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_S2P_S1P_null_passive, having armed event tDisconnect on leg1 (passive), events tDisconnect, tMidCall and tSuspend on leg2 (controlling), oSuspend, oDisconnect on leg3 (passive), sends exactly one EventReportBCSM invoke component indicating (leg3,oDisconnect) after having received ReleaseInd(Normal clearing) from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_S2P_S1P_null_passive
Test description	CP1_3!ReleaseInd(Normal clearing) L1?EventReportBCSM(3,oDisconnect)
Pass criteria	L1?EventReportBCSM(3,oDisconnect)
Postamble:	ReleaseAll_2

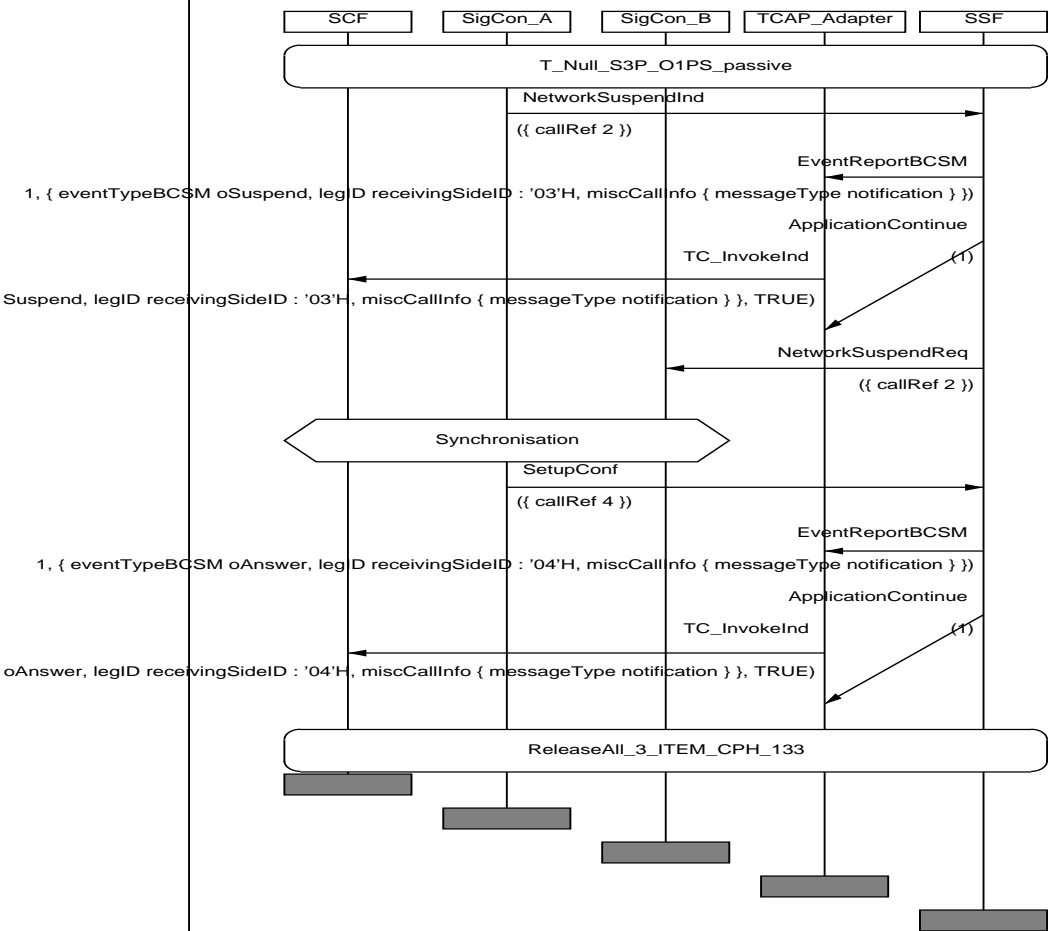
MSC IN3_A_CPH_ARM_42



10.2.2.1.2 Multiple events from multiple passive legs in the same call segment

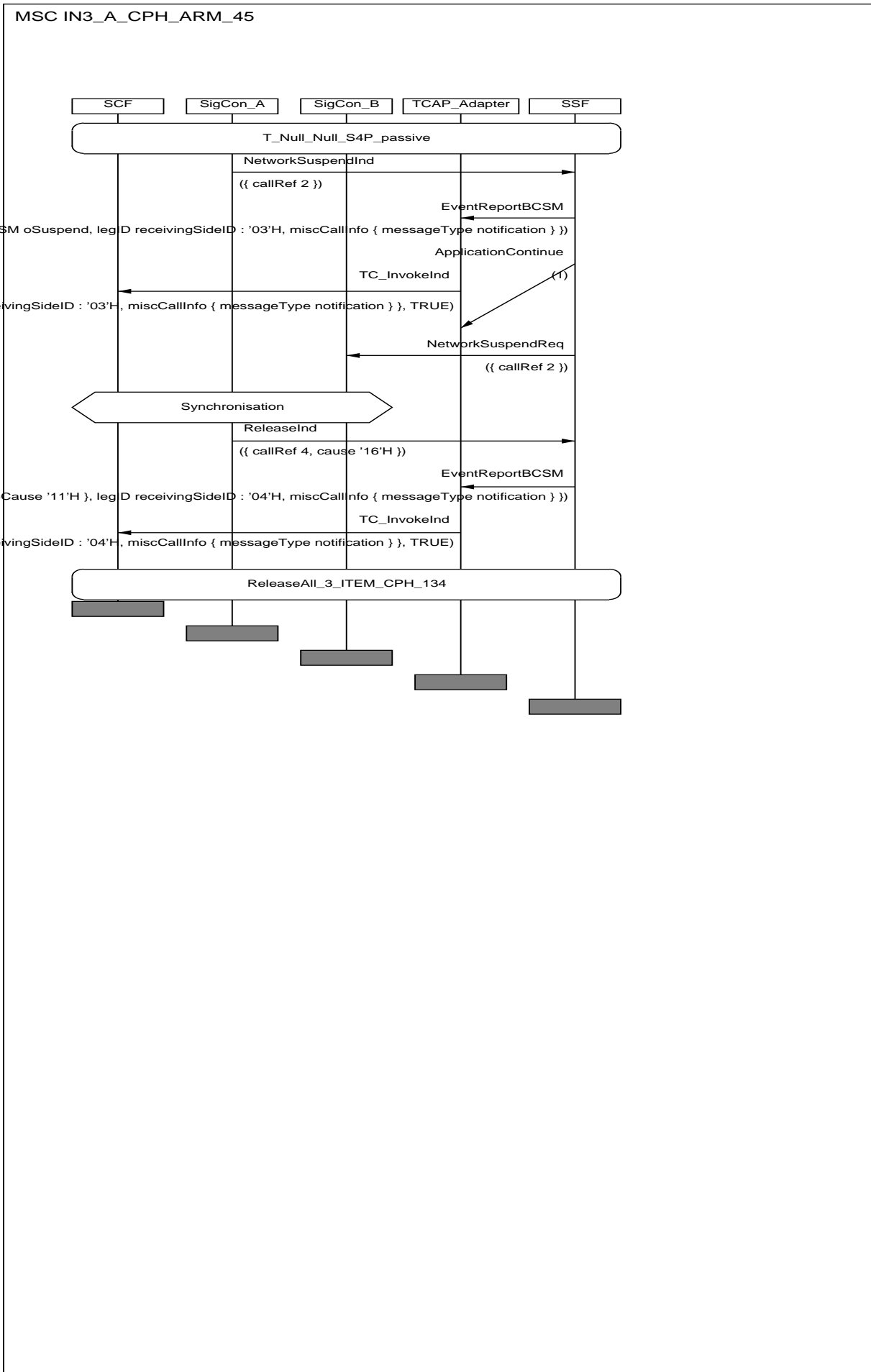
IN3_A_CPH_ARM_44	
Work item no.:	ITEM_CPH_133
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_S3P_O1PS_passive, having armed event tDisconnect on leg1 (passive), eventstDisconnect, tMidCall and tSuspend on leg2 (controlling), oSuspend, oDisconnect on leg3 (passive), routeSelectFailure, oCalledPartyBusy and oAnswer on leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg3,oSuspend) and exactly one EventReportBCSM invoke component indicating (leg4,oAnswer) after having received NetworkSuspendInd from SigConC and SetupConf from SigConD.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_null_S3P_O1PS_passive
Test description	CP1_3!NetworkSuspendInd CP1_4!SetupConf
Pass criteria	L1?EventReportBCSM(3,oSuspend) L1?EventReportBCSM(4,oAnswer)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ARM_44



IN3_A_CPH_ARM_45	
Work item no.:	ITEM_CPH_134
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_null_S4P_passive, having armed event tDisconnect on leg1 (passive), eventstDisconnect, tMidCall and tSuspend on leg 2 (controlling), oSuspend, oDisconnect on leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg3,oSuspend) and exactly one EventReportBCSM invoke component indicating (leg4,oDisconnect) after having received NetworkSuspendInd from SigConC and ReleaseInd(Normal clearing) from SigConD.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_null_null_S4P_passive
Test description	CP1_3!NetworkSuspendInd CP1_4!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(3,oSuspend) L1?EventReportBCSM(4,oDisconnect)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ARM_45

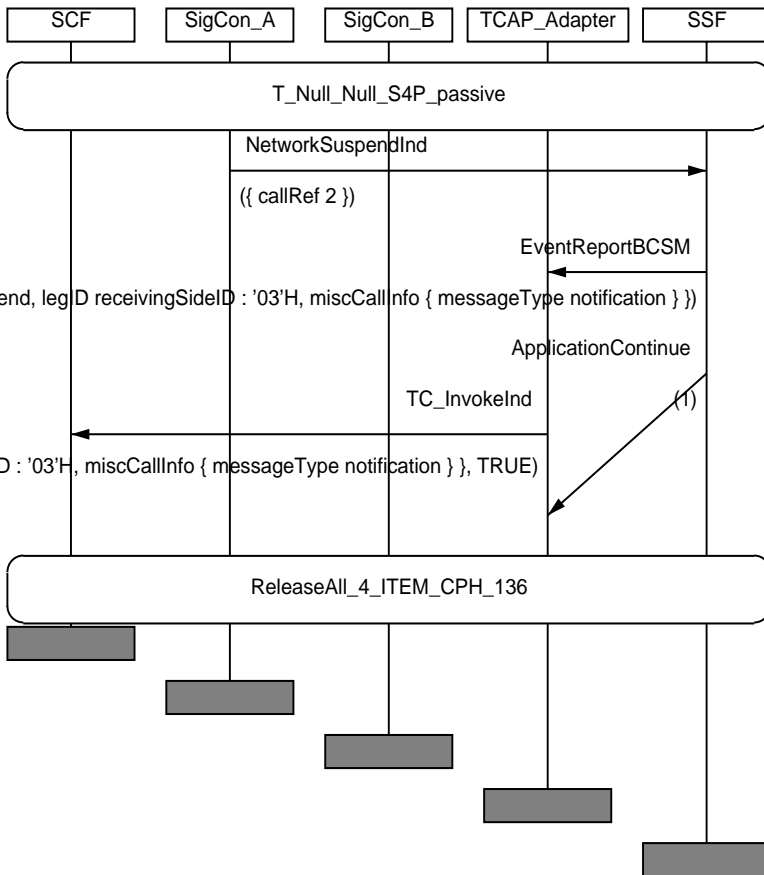


10.2.2.2 All Passive legs contained in a single Call Segment

10.2.2.2.1 Single event from a single passive leg

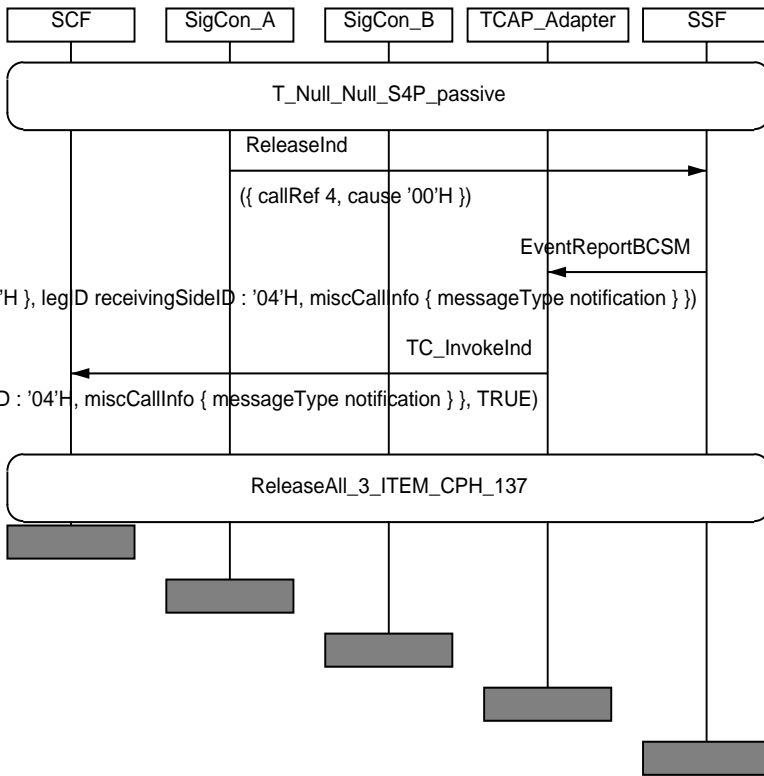
IN3_A_CPH_ARM_47	
Work item no.:	ITEM_CPH_136
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_null_S4P_passive, having armed event tDisconnect on leg1 (passive), events tDisconnect, tMidCall and tSuspend on leg 2 (controlling), oSuspend, oDisconnect on leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (oSuspend) after having received NetworkSuspendInd from SigConC.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_null_null_S4P_passive
Test description	CP1_3!NetworkSuspendInd
Pass criteria	L1?EventReportBCSM(3,oSuspend)
Postamble:	ReleaseAll_4

MSC IN3_A_CPH_ARM_47



IN3_A_CPH_ARM_48	
Work item no.:	ITEM_CPH_137
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_null_S4P_passive, having armed event tDisconnect on leg1 (passive), events tDisconnect, tMidCall and tSuspend on leg2 (controlling), oSuspend, oDisconnect on leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg4,oDisconnect) after having received ReleaseInd(Normal clearing) from SigConD.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_null_null_S4P_passive
Test description	CP1_4!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(4,oDisconnect)
Postamble:	ReleaseAll_3

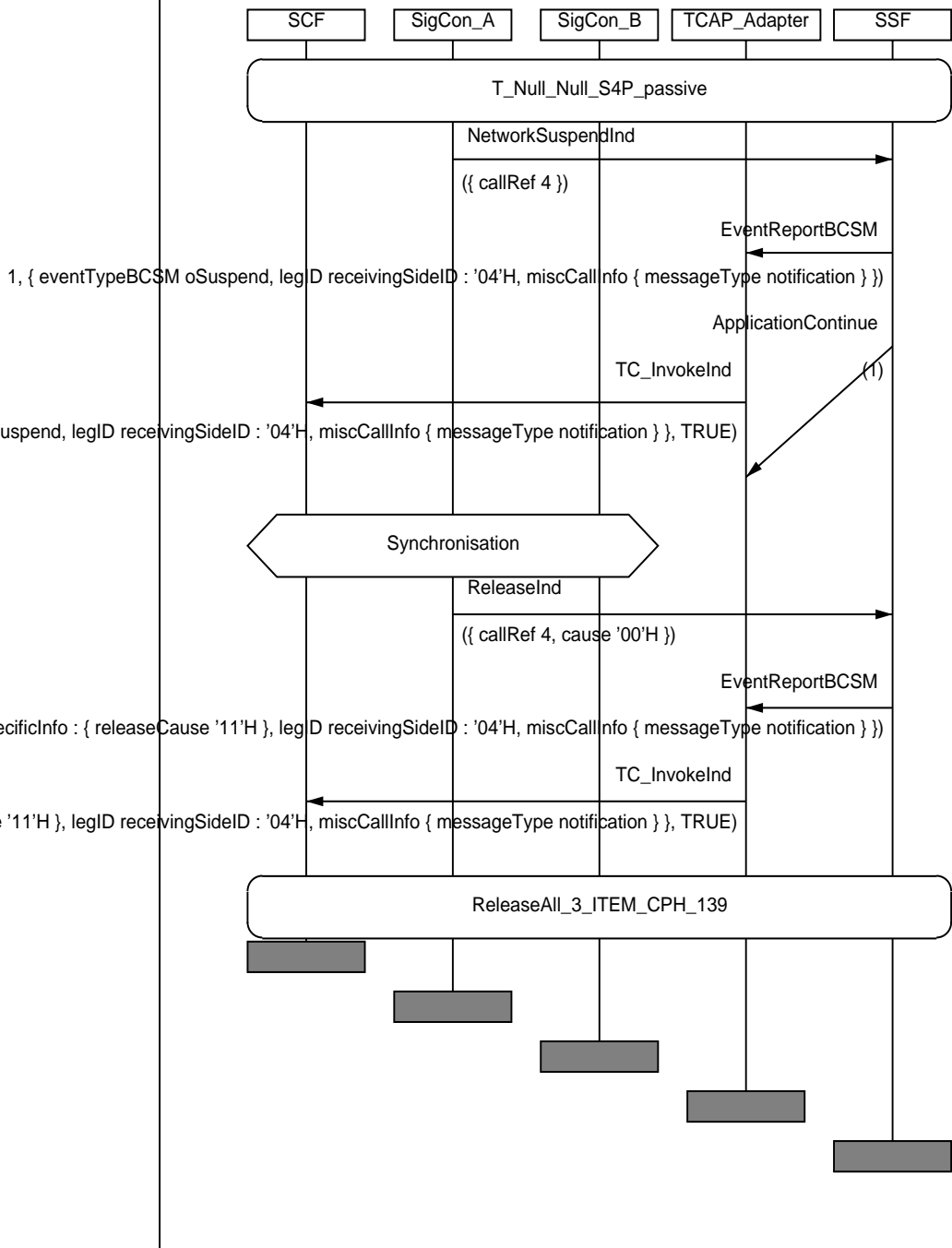
MSC IN3_A_CPH_ARM_48



10.2.2.2.2 Multiple events from a single passive leg

IN3_A_CPH_ARM_50	
Work item no.:	ITEM_CPH_139
IN2 Ref(tmp)	Not provided
Purpose:	Verify that the SSF, being in CS configuration according to preamble T_null_null_S4P_passive, having armed event tDisconnect on leg1 (passive), events tDisconnect, tMidCall and tSuspend on leg 2 (controlling), oSuspend, oDisconnect on leg3 and leg4 (passive), sends exactly one EventReportBCSM invoke component indicating (leg4,oSuspend) and exactly one EventReportBCSM invoke component indicating (leg4,oDisconnect) after having received NetworkSuspendInd followed by ReleaseInd(Normal clearing) from SigConD.
Requirements refs	6.5.1.2, 6.5.1.4, 6.6.3.4.2.2, 11.24
Selection Cond.	
Preamble:	T_null_null_S4P_passive
Test description	CP1_4!NetworkSuspendInd CP1_4!ReleaseInd(Normal clearing)
Pass criteria	L1?EventReportBCSM(4,oSuspend) L1?EventReportBCSM(4,oDisconnect)
Postamble:	ReleaseAll_3

MSC IN3_A_CPH_ARM_50



History

Document history			
V1.1.1	September 2002	One-step Approval Procedure	OAP 20030110: 2002-09-11 to 2003-01-10