

# **ISUP\_97\_BasicCall**

Fri Dec 3 11:51:08 1999

# **I**

## **Test Suite Overview**

Test Suite Structure			
<b>Suite Name</b> : ISUP_97_BasicCall <b>Standards Ref</b> : ITU-T Recommendations Q.761–764 <b>PICS Ref</b> : ITU-T Recommendation Q.784.3, Annex A <b>PIXIT Ref</b> : ITU-T Recommendation Q.784.3, Annex B <b>Test Method(s)</b> : Distributed multi-party test method <b>Comments</b> :			
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CSSV/RU/PV/BD/	IBC_S_1_7_3_2_60_a	TCS_Gateway	Receipt of unknown parameter values in the backward direction – BCI	1465
CSSV/RU/PV/BD/	IBC_S_1_7_3_2_60_b	TCS_Gateway	Receipt of unknown parameter values in the backward direction – BCI	1466
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NCS/CAS/	IBC_V_2_2_2_a	TCS_OLE_or_I ntermE	Overlap operation (with SAM); outgoing call	1486
NCS/CAS/	IBC_V_2_2_2_b	TCS_DLE_or_ Transit	Overlap operation (with SAM);incoming call	1488
NCS/SCS/	IBC_V_2_3_1_a	TCS_OLE_or_I ntermE	Ordinary call (with various indications in ACM) FREE & ISDN	1490
NCS/SCS/	IBC_V_2_3_1_b	TCS_OLE_or_I ntermE	Ordinary call (with various indications in ACM) FREE & NON-ISDN	1492
NCS/SCS/	IBC_V_2_3_1_c	TCS_OLE_or_I ntermE	Ordinary call (with various indications in ACM) No_Indication & ISDN	1494
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Common_steps/	Check_part2_circuits_blo cked_BA	A call setup is initiated on each circuit from B to the IUT.	1843
Common_steps/	Check_part2_circuits_blo cked_BA_HO	A call setup is initiated on each circuit from B to the IUT.	1844
Common_steps/	Check_all_circuits_blocke d_AB		1845
Common_steps/	Check_circuits_blocked_I _PTC	A call setup is initiated from C to the IUT.	1845
Common_steps/	Check_circuits_blocked_ A_PTC	A call setup is initiated from C to the IUT.	1846
Common_steps/	Unblock_circuit_AB	The IUT unblocks the circuit	1846
Common_steps/	Unblock_all_circuits_AB	The IUT unblocks all circuits	1847
Common_steps/	Unblock_all_circuits_AB_ HO	The IUT unblocks all circuits	1848
Common_steps/	Unblock_circuit_BA	Tester unblocks a circuit	1848
Common_steps/	Unblock_all_circuits_BA	The circuit group is unblocked by the tester	1849
Common_steps/	Unblock_all_circuits_BA_ HO	The circuit group is unblocked by the tester	1849

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Common_steps/	S_ACM_etc_BA	Continue by sending ACM towards IUT, etc.	1853
Common_steps/	R_ACM_etc_AB	Continue by receiving ACM from IUT, etc.	1854
Common_steps/	S_ACM_etc_CA	Continue by sending ACM towards IUT, etc.	1854
Common_steps/	R_ACM_etc_AC	Continue by receiving ACM by SPC from IUT, etc.	1855
Common_steps/	S_ANM_etc_BA	Continue by sending ANM towards IUT, etc.	1855
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Common_steps/	S_ANM_etc_CA	Continue by sending ANM towards IUT, etc.	1856
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Common_steps/	S_REL_etc_BA	Continue by sending ANM towards IUT, etc.	1857
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CSSV/RU/PA/	A_1_7_2_9		1937
CSSV/RU/PA/	S_1_7_2_10		1938
CSSV/RU/PA/	I_1_7_2_10		1939
CSSV/RU/PA/	A_1_7_2_10		1940
CSSV/RU/PA/	S_1_7_2_11		1940
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CSSV/RU/PA/	A_1_7_2_12		1944
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CSSV/RU/PA/	I_1_7_2_13		1945
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CSSV/RU/PV/	S_1_7_3_1_a_11		1952
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CSSV/RU/PV/	I_1_7_3_1_a_23_b		1954
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CSSV/RU/PV/	S_1_7_3_1_a_38		1959
CSSV/RU/PV/	I_1_7_3_1_a_38		1959
CSSV/RU/PV/	S_1_7_3_1_a_39_a		1960
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CSSV/RU/PV/	S_1_7_3_1_a_39_d		1963
CSSV/RU/PV/	I_1_7_3_1_a_39_d		1963
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CSSV/RU/PV/	I_1_7_3_1_a_44_b		1965
CSSV/RU/PV/	S_1_7_3_1_a_44_c		1966
CSSV/RU/PV/	I_1_7_3_1_a_44_c		1966
CSSV/RU/PV/	S_1_7_3_1_a_44_e		1967
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CSSV/RU/PV/	I_1_7_3_1_a_45_a		1968
CSSV/RU/PV/	S_1_7_3_1_a_45_b		1969
CSSV/RU/PV/	I_1_7_3_1_a_45_b		1969
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CSSV/RU/PV/	S_1_7_3_1_a_60_b		1975
CSSV/RU/PV/	I_1_7_3_1_a_60_b		1975
CSSV/RU/PV/	S_1_7_3_1_a_60_c		1976
CSSV/RU/PV/	I_1_7_3_1_a_60_c		1976
CSSV/RU/PV/	S_1_7_3_2_5_a		1977
CSSV/RU/PV/	I_1_7_3_2_5_a	Receive a correct value for the Called party's status indicator	1977
CSSV/RU/PV/	S_1_7_3_2_5_b		1978
CSSV/RU/PV/	I_1_7_3_2_5_b		1978
CSSV/RU/PV/	S_1_7_3_2_5_c	Receive a correct value for the Called party's category indicator	1979
CSSV/RU/PV/	I_1_7_3_2_5_c		1979
CSSV/RU/PV/	S_1_7_3_2_5_d	Receive a correct value for the End-to-end method indicator	1980
CSSV/RU/PV/	I_1_7_3_2_5_d		1980
CSSV/RU/PV/	S_1_7_3_2_5_e	Receive a correct value for the End-to-end information indicator	1981
CSSV/RU/PV/	I_1_7_3_2_5_e		1981
CSSV/RU/PV/	S_1_7_3_2_5_f	Receive a correct value for the Holding indicator	1982
CSSV/RU/PV/	I_1_7_3_2_5_f		1982
CSSV/RU/PV/	S_1_7_3_2_5_g		1983
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CSSV/RU/PV/	S_1_7_3_2_16_b		1986
CSSV/RU/PV/	I_1_7_3_2_16_b	Check that the ConNb has been discarded	1987
CSSV/RU/PV/	S_1_7_3_2_16_c		1988
CSSV/RU/PV/	I_1_7_3_2_16_c	Checks correct value of APRI in ConNb	1989
CSSV/RU/PV/	S_1_7_3_2_16_d		1990
CSSV/RU/PV/	I_1_7_3_2_16_d	Check that the ConNb has been discarded	1991
CSSV/RU/PV/	S_1_7_3_2_16_e		1992
CSSV/RU/PV/	I_1_7_3_2_16_e	Checks correct Filler value in the ConNb	1993
CSSV/RU/PV/	S_1_7_3_2_21		1994
CSSV/RU/PV/	I_1_7_3_2_21	Check that CPG is discarded	1994
CSSV/RU/PV/	S_1_7_3_2_46_a		1995
CSSV/RU/PV/	I_1_7_3_2_46_a	Check that the IUT shall discard the RnNb	1995
CSSV/RU/PV/	S_1_7_3_2_46_b		1996
CSSV/RU/PV/	I_1_7_3_2_46_b	Check that the IUT shall discard the RnNb	1996
CSSV/RU/PV/	S_1_7_3_2_46_c		1997
CSSV/RU/PV/	I_1_7_3_2_46_c	Receive corrected RnNb	1997
CSSV/RU/PV/	S_1_7_3_2_60_a		1998
CSSV/RU/PV/	I_1_7_3_2_60_a	Check corrected Service 1 field value of UUInd	1998
CSSV/RU/PV/	S_1_7_3_2_60_b		1999
CSSV/RU/PV/	I_1_7_3_2_60_b	Check corrected Service 2 field value of UUInd	1999
CSSV/RU/PV/	S_1_7_3_2_60_c		2000
CSSV/RU/PV/	I_1_7_3_2_60_c	Check corrected Service 3 field value of UUInd	2000

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CSSV/RU/PV/	I_1_7_3_4_a_12_b		2004
CSSV/RU/PV/	S_1_7_3_4_a_12_c		2005
CSSV/RU/PV/	I_1_7_3_4_a_12_c		2006
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NCS/CAS/	I_2_2_2_a		2008
NCS/CAS/	A_2_2_2_a		2009
NCS/CAS/	S_2_2_2_b		2010
NCS/CAS/	I_2_2_2_b		2011
NCS/CAS/	A_2_2_2_b		2012
NCS/SCS/	S_2_3_1_a		2012
NCS/SCS/	I_2_3_1_a		2013
NCS/SCS/	A_2_3_1_a		2014
NCS/SCS/	S_2_3_1_b		2015
NCS/SCS/	I_2_3_1_b		2016
NCS/SCS/	A_2_3_1_b		2017
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NCS/SCS/	I_2_3_1_f		2028
NCS/SCS/	A_2_3_1_f		2029
NCS/SCS/	S_2_3_1_g		2030
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NCS/SCS/	A_2_3_1_g		2032
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NCS/SCS/	S_2_3_2_a		2036
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NCS/SCS/	A_2_3_2_e		2050
NCS/SCS/	S_2_3_2_f		2051
NCS/SCS/	I_2_3_2_f		2052
NCS/SCS/	A_2_3_2_f		2053
NCS/SCS/	S_2_3_3		2054
NCS/SCS/	I_2_3_3		2055
NCS/SCS/	A_2_3_3		2056
NCS/SCS/	S_2_3_4_a		2056
NCS/SCS/	I_2_3_4_a	Sets up a call having a Satellite indicator set	2057
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NCS/SCS/	I_2_3_4_b	Sets up a call having a Satellite indicator set	2058
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NCS/SCS/	I_2_3_4_c	Sets up a call having a Satellite indicator set	2059
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Nx64k/	I_13_1_3_w		2412
Nx64k/	S_13_1_3_w		2413
Nx64k/	A_13_1_3_w		2414
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Nx64k/	S_13_1_3_x		2416
Nx64k/	A_13_1_3_x		2417
Nx64k/	I_13_1_3_y		2418
Nx64k/	S_13_1_3_y		2419
Nx64k/	A_13_1_3_y		2420
Nx64k/	I_13_1_4		2421
Nx64k/	S_13_1_4		2422
Nx64k/	A_13_1_4		2423
Nx64k/	I_13_1_5		2424
Nx64k/	S_13_1_5		2425
Nx64k/	A_13_1_5		2426
Nx64k/	I_13_1_6		2427
Nx64k/	S_13_1_6		2428
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Nx64k/	A_13_1_8		2435
Nx64k/	I_13_1_9		2436
Nx64k/	S_13_1_9		2437
Nx64k/	A_13_1_9		2438
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Detailed Comments :			

Default Index			
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	AnyOtherEventUnexpectedGroup		2459
	AnyOtherEventUnexpected_I_PTC		2462
	AnyOtherEventUnexpected_A_PTC		2464
	AnyOtherEventUnexpected_T_PTC		2465
	ACCESS_DEF	Same as Default from basic call	2466
Detailed Comments :			

## **II**

### **Declarations Part**

Simple Type Definitions			
Type Name	Type Definition	Type Encoding	Comments
BIT_1	BITSTRING[1]		
BIT_2	BITSTRING[2]		
BIT_3	BITSTRING[3]		
BIT_4	BITSTRING[4]		
BIT_5	BITSTRING[5]		
BIT_6	BITSTRING[6]		
BIT_7	BITSTRING[7]		
BIT_8	BITSTRING[8]		
BIT_12	BITSTRING[12]		
BIT_14	BITSTRING[14]		
HEX_1	HEXSTRING[1]		
HEX_0_1	HEXSTRING[0..1]		
HEX_N	HEXSTRING		
OCT_1	OCTETSTRING[1]		
OCT_2	OCTETSTRING[2]		
OCT_4	OCTETSTRING[4]		
OCT_5	OCTETSTRING[5]		
OCT_6	OCTETSTRING[6]		
OCT_7	OCTETSTRING[7]		
OCT_1_32	OCTETSTRING[1..32]		
OCT_N	OCTETSTRING		
message_type	BIT_8		2.1 / Q.763
pointer	OCT_1		2.3 / Q.763

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Simple Type Definitions			
Type Name	Type Definition	Type Encoding	Comments
end_of_optional_parameters_indicator	OCT_1		3.20 / Q.763
transmission_medium_requirement	BIT_8		3.54 / Q.763
CR_LENGTH_TYPE	INTEGER(1,2)		Call reference length type
CST_I	BITSTRING('00010100'B)		Call state identifier type
FAC_I	BITSTRING('00011100'B)		Facility identifier type
FAC_PP_INV	OCTETSTRING('91A1'O)		Protocol profile, invoke component tag
MD	BITSTRING('10100000'B)		More Data information
MT	BITSTRING[8]		Message type
PD	BITSTRING('00001000'B)		Protocol discriminator
SCI	BITSTRING('10100001'B)		Sending complete information
BIT7OR8	BITSTRING[7 .. 8]		Used in Channel identification
BIT7OR15	BITSTRING[7 .. 15]		Used in Call Reference
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : routing_label			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
DestPC	BIT_14		Destination point code
OrigPC	BIT_14		Origination point code
SLSel	BIT_4		Signalling link selection
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : circuit_identification_code			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
CIC	BIT_12		
spare	BIT_4		
<b>Detailed Comments :</b>			



Structured Type Definition			
<b>Type Name</b> : service_information_octet <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
SIO	BITSTRING[4]		User part identification '5'H for ISUP
spare	BITSTRING[2]		spare '00'B
NI	BITSTRING[2]		Network indicator '00'B for the international network
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : access_delivery_information			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.2 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		Access delivery indicator
length	OCT_1		
ADI	BIT_1		
spare	BIT_7		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : access_transport			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.3 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
ATP_field	OCT_N		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : automatic_congestion_level			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.4 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
ACL_field	BIT_8		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : backward_call_indicators <b>Encoding Variation:</b> <b>Comments</b> : 3.5 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		1.
length	OCT_1		1.
Chgl	BIT_2		Charge indicator
CdPSI	BIT_2		Called party's status indicator
CdPC	BIT_2		Called party's category indicator
EEMthI	BIT_2		End-to-end method indicator
IWI	BIT_1		Interworking indicator
EEInfl	BIT_1		End-to-end information indicator
ISUPI	BIT_1		ISDN User Part indicator
HoldI	BIT_1		Holding indicator @
ISDNAI	BIT_1		ISDN access indicator
ECDI	BIT_1		Echo control device indicator
SCCPMI	BIT_2		SCCP method indicator
<b>Detailed Comments</b> : 1. Only needed if the parameter is in the optional part of a message. @ only for national use			

Structured Type Definition			
<b>Type Name</b> : backward_GVNS			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.62 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		terminating access indicator
length	OCT_1		
term_acc_ind	BIT_2		
spare	BIT_6		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : call_completion_supplementary_service			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.63 / Q.763 and Call Completion Supplementary Service CCNR			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		1.
length	OCT_1		
CCSS_call_indicator	BIT_1		
spare	BIT_7		
<b>Detailed Comments :</b>			
1. The contents of this parameter are not subdivided because it is not used for basic call tests.			

Structured Type Definition			
<b>Type Name</b> : call_diversion_information <b>Encoding Variation:</b> <b>Comments</b> : 3.6 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
CDInf_contents	OCT_1		1.
<b>Detailed Comments :</b> 1. The contents are not subdivided because this parameter is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : call_diversion_treatment_indicator <b>Encoding Variation:</b> <b>Comments</b> : 3.72 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
call_diverted_indicator	BIT_2		
spare	BIT_6		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : call_history_information <b>Encoding Variation:</b> <b>Comments</b> : 3.7 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
CHInf_field	OCT_2		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : call_offering_treatment_indicators			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.74 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		Call to be offered indicator
length	OCT_1		
CallOffer_ind	BIT_2		
spare	BIT_6		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : call_reference			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.8 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
CRef_contents	OCT_1		1.
<b>Detailed Comments :</b>			
1. The contents of this message are not subdivided because this parameter is for national use only.			

Structured Type Definition			
<b>Type Name</b> : call_transfer_number <b>Encoding Variation:</b> <b>Comments</b> : 3.64 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		1.
length	OCT_1		
NatAdrl	BIT_7		Nature of address indicator
OdEvl	BIT_1		Odd/even indicator
ScrI	BIT_2		Screening indicator
APRI	BIT_2		Address presentation restricted indicator
NbPI	BIT_3		Numbering plan indicator
CTNII	BIT_1		Spare in Q.763 '97
AdSg	HEX_N		Address signals
Filler	HEX_0_1		
<b>Detailed Comments :</b> 1. Only if the parameter is in the optional part of a message.			



Structured Type Definition			
<b>Type Name</b> : call_transfer_reference			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.65 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
CTrId	OCT_1		1.
<b>Detailed Comments :</b> 1. The contents of this message are not subdivided because they represent an integer (0–255) assigned to the ECT supplementary service in Q.732 sect 7.			

Structured Type Definition			
<b>Type Name</b> : called_IN_number <b>Encoding Variation:</b> <b>Comments</b> : 3.73 / Q.763 as per original called number sec 3.39			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
NatAdrl	BIT_7		Nature of address indicator
OdEvl	BIT_1		Odd/even indicator
spare_1	BIT_2		
APRI	BIT_2		Address presentation restricted indicator
NbPI	BIT_3		Numbering plan indicator
spare_2	BIT_1		
AdSg	HEX_N		Address signals
Filler	HEX_0_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : called_party_number <b>Encoding Variation:</b> <b>Comments</b> : 3.9 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
length	OCT_1		
NatAdrl	BIT_7		Nature of address indicator
OdEvl	BIT_1		Odd/even indicator
spare	BIT_4		
NbPl	BIT_3		Numbering plan indicator
INtwNbl	BIT_1		Internal network number indicator
AdSg	HEX_N		Address signals
Filler	HEX_0_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : calling_party_number <b>Encoding Variation:</b> <b>Comments</b> : 3.10 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		1.
length	OCT_1		
NatAdrl	BIT_7		Nature of address indicator
OdEvl	BIT_1		Odd/even indicator
ScrI	BIT_2		Screening indicator
APRI	BIT_2		Address presentation restricted indicator
NbPI	BIT_3		Numbering plan indicator
CgPNII	BIT_1		Calling party number incomplete indicator
AdSg	HEX_N		Address signals
Filler	HEX_0_1		
<b>Detailed Comments :</b> 1. Only if the parameter is in the optional part of a message.			

Structured Type Definition			
<b>Type Name</b> : calling_partys_category			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.11 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		1.
length	OCT_1		1.
CgPC_field	BIT_8		
<b>Detailed Comments :</b> 1. Only if the parameter is in the optional part of a message.			

Structured Type Definition			
<b>Type Name</b> : cause_indicators <b>Encoding Variation:</b> <b>Comments</b> : 3.12 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		1.
length	OCT_1		
Loc	BIT_4		Location
spare	BIT_1		
CodS	BIT_2		Coding standard
Extl_1	BIT_1		Extension indicator, always 1
CauseV	BIT_7		Cause value
Extl_2	BIT_1		Extension indicator, always 1
Diag	OCT_N		Diagnostic(s) 2.
<b>Detailed Comments</b> : 1. Only if the parameter is in the optional part of a message. 2. If there is more than one Diagnostic all of them are in this single octetstring.			

Structured Type Definition			
<b>Type Name</b> : circuit_assignment_map <b>Encoding Variation:</b> <b>Comments</b> : 3.69 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
map_type	BIT_6		
spare_1	BIT_2		
map_format_1	BIT_8		
map_format_2	BIT_8		
map_format_3	BIT_8		
map_format_4	BIT_7		
spare_2	BIT_1		Not used for 1544 kb/s digital path map
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : circuit_group_supervision_message_type_indicator			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.13 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
Typel spare	BIT_2 BIT_6		Type indicator
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : closed_user_group_interlock_code			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.15 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type length CUGIC_contents	BIT_8 OCT_1 OCT_4		1.
<b>Detailed Comments :</b>			
1. The contents of this parameter are not subdivided because it is not used for basic call.			



Structured Type Definition			
<b>Type Name</b> : collect_call_request			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.81 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		Collect call request indicator
length	OCT_1		
ColCallReqInd	BIT_1		
spare	BIT_7		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : conference_treatment_indicators			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.76 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		Conference acceptance indicator
length	OCT_1		
ConfAcclnd	BIT_2		
spare	BIT_6		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : connected_number <b>Encoding Variation:</b> <b>Comments</b> : 3.16 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
NatAdrl	BIT_7		Nature of address indicators
OdEvl	BIT_1		Odd/even indicator
ScrI	BIT_2		Screening indicator
APRI	BIT_2		Address presentation restriction indicator
NbPI	BIT_3		Numbering plan indicator
spare	BIT_1		
AdSg	HEX_N		Address signals
Filler	HEX_0_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : connection_request			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.17 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
ConRq_contents	OCT_7		1.
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : continuity_indicators			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.18 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
ContInd_field	BIT_1		Continuity indicator
spare	BIT_7		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : correlation_id			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.70 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
correlation_id	OCT_N		Coded in Q.1218
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : display_information			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.77 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
DisInf	OCT_N		Display information
<b>Detailed Comments :</b> As described in Q.931			

Structured Type Definition			
<b>Type Name</b> : echo_control_information <b>Encoding Variation:</b> <b>Comments</b> : 3.19 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
OEchoInfl	BIT_2		Outgoing echo control device information indicator
IEchoInfl	BIT_2		Incoming echo control device information indicator
OEchoRql	BIT_2		Outgoing echo control device request indicator
IEchoRql	BIT_2		Incoming echo control device request indicator
<b>Detailed Comments</b> : Updated for ISUP '97			

Structured Type Definition			
<b>Type Name</b> : event_information <b>Encoding Variation:</b> <b>Comments</b> : 3.21 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
Eventl	BIT_7		Event indicator
EvPRI	BIT_1		Event presentation restriction indicator @
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : facility_indicator <b>Encoding Variation:</b> <b>Comments</b> : 3.22 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
FacIc	BIT_8		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : forward_call_indicators <b>Encoding Variation:</b> <b>Comments</b> : 3.23 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
InatCI	BIT_1		National/international call indicator
EEMthI	BIT_2		End-to-end method indicator
IWI	BIT_1		Interworking indicator
EEInI	BIT_1		End-to_end information indicator
ISUPI	BIT_1		ISDN User Part indicator
IPI	BIT_2		ISDN User Part preference indicator
ISDNAI	BIT_1		ISDN access indicator
SCCPMI	BIT_2		SCCP method indicator
spare_1	BIT_1		
spare_2	BIT_4		@
<b>Detailed Comments</b> : @ For national use only			

Structured Type Definition			
<b>Type Name</b> : forward_GVNS <b>Encoding Variation:</b> <b>Comments</b> : 3.66 / Q.763 /33/ TJS			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
OPSP	OCT_N		Originating participating service provider
GUG	OCT_N		GVNS user group
TNRN	OCT_N		Terminating network routing number
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : generic_digits <b>Encoding Variation:</b> <b>Comments</b> : 3.24 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
GenDig_contents	OCT_N		1.
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is for national use only.			



Structured Type Definition			
<b>Type Name</b> : generic_notification_indicator <b>Encoding Variation:</b> <b>Comments</b> : 3.25 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
GenNot_contents	OCT_1		1.
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : generic_number <b>Encoding Variation:</b> <b>Comments</b> : 3.26 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
GenNb_contents	OCT_N		1.
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : generic_reference <b>Encoding Variation:</b> <b>Comments</b> : 3.27 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
GenRef_contents	OCT_N		1.
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : hop_counter <b>Encoding Variation:</b> <b>Comments</b> : 3.80 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
hop_counter	BIT_5		Binary value of number of ccts that are allowed
spare	BIT_3		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : location_number <b>Encoding Variation:</b> <b>Comments</b> : 3.30 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
NatAdrl	BIT_7		Nature of address indicator
OdEvl	BIT_1		Odd/Even indicator
ScrI	BIT_2		Screening indicator
APRI	BIT_2		Address presentation restricted indicator
NbPI	BIT_3		Numbering plan indicator
INtwNbl	BIT_1		Internal network number indicator
AdSg	HEX_N		Address signals
Filler	HEX_0_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : loop_prevention_indicators			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.67 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		Loop prevention indicators parameter field Response indicator
length	OCT_1		
LPindF	BIT_1		
Resplnd	BIT_2		
spare	BIT_5		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : message_compatibility_information <b>Encoding Variation:</b> <b>Comments</b> : 3.33 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
TrInEI	BIT_1		Transit at intermediate exchange indicator
RIsCI	BIT_1		Release call indicator
SendNfl	BIT_1		Send notification indicator
DMsgI	BIT_1		Discard message indicator
PassNPI	BIT_1		Pass on not possible indicator
spare	BIT_2		
ExtI	BIT_1		Extension indicator 1.
<b>Detailed Comments :</b> 1. In ISUP V2 there is no extension necessary.			

Structured Type Definition			
<b>Type Name</b> : MLPP_precedence <b>Encoding Variation:</b> <b>Comments</b> : 3.34 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
MLPPpre_contents	OCT_6		1.
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : MCID_request_indicators <b>Encoding Variation:</b> <b>Comments</b> : 3.31 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
MCIDRq	BIT_1		MCID request indicator
HoldI	BIT_1		Holding indicator @
spare	BIT_6		
<b>Detailed Comments :</b> @: This parameter is for national use only.			

Structured Type Definition			
<b>Type Name</b> : MCID_response_indicators			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.32 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		MCID response indicator  Holding indicator @
length	OCT_1		
MCIDRs	BIT_1		
HoldI	BIT_1		
spare	BIT_6		
<b>Detailed Comments</b> : @: This parameter is for national use only.			

Structured Type Definition			
<b>Type Name</b> : nature_of_connection_indicators <b>Encoding Variation:</b> <b>Comments</b> : 3.35 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
Satl	BIT_2		Satellite indicator
CntChI	BIT_2		Continuity check indicator
ECDI	BIT_1		Echo control device indicator
spare	BIT_3		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : network_management_controls			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.68 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		temporary alternate routing indicator
length	OCT_1		
TAR_indicator	BIT_1		
spare	BIT_6		
Extl	BIT_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : network_specific_facility			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.36 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		1.
length	OCT_1		
NtwFac_contents	OCT_N		
<b>Detailed Comments :</b>			
1. The contents of this parameter are not subdivided because it is for national use only.			



Structured Type Definition			
<b>Type Name</b> : optional_backward_call_indicators <b>Encoding Variation:</b> <b>Comments</b> : 3.37 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
InBndInfl	BIT_1		In-band information indicator
CDmo	BIT_1		Call diversion may occur indicator
Sgml	BIT_1		Simple segmentation indicator
MLPPUsrl	BIT_1		MLPP user indicator
spare	BIT_4		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : optional_forward_call_indicators <b>Encoding Variation:</b> <b>Comments</b> : 3.38 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
CUGCI	BIT_2		Closed user group call indicator
Sgml	BIT_1		Simple segmentation indicator
spare	BIT_4		
COLRql	BIT_1		Connected line identity request indicator
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : original_called_number <b>Encoding Variation:</b> <b>Comments</b> : 3.39 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
NatAdrl	BIT_7		Nature of address indicator
OdEvl	BIT_1		Odd/even indicator
spare_1	BIT_2		
APRI	BIT_2		Address presentation restricted indicator
NbPI	BIT_3		Numbering plan indicator
spare_2	BIT_1		
AdSg	HEX_N		Address signals
Filler	HEX_0_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : origination_ISC_point_code			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.40 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
OriISC_contents	OCT_2		1.
<b>Detailed Comments :</b>			
1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : parameter_compatibility_information <b>Encoding Variation:</b> <b>Comments</b> : 3.41 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
UParid_1	BIT_8		Upgraded parameter name
Transl_1	BIT_1		Transit at intermediate exchange indicator
RIsCI_1	BIT_1		Release call indicator
SendNfl_1	BIT_1		Send notification indicator
DMsgl_1	BIT_1		Discard message indicator
DParl_1	BIT_1		Discard parameter indicator
PassNPI_1	BIT_2		Pass on not possible indicator
Extl_1	BIT_1		Extension indicator
UParid_2	BIT_8		
Instrl_2	BIT_7		all instruction indicators for parameter 2
Extl_2	BIT_1		
UParid_3	BIT_8		
Instrl_3	BIT_7		all instruction indicators for parameter 3
Extl_3	BIT_1		
UParid_4	BIT_8		

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Structured Type Definition			
Element Name	Type Definition	Field Encoding	Comments
Instrl_4	BIT_7		all instruction indicators for parameter 4
Extl_4	BIT_1		
UParid_5	BIT_8		
Instrl_5	BIT_7		
Extl_5	BIT_1		
Detailed Comments :			

Structured Type Definition			
<b>Type Name</b> : propagation_delay_counter			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.42 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		Propagation delay value
length	OCT_1		
PDC_field	OCT_2		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : range_and_status			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.43 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
length	OCT_1		
Range	OCT_1		Range
Status	OCT_1_32		Status
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : redirecting_number <b>Encoding Variation:</b> <b>Comments</b> : 3.44 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
NatAdrl	BIT_7		Nature of address indicator
OdEvl	BIT_1		Odd/even indicator
spare1	BIT_2		
APRI	BIT_2		Address presentation restricted indicator
NbPI	BIT_3		Numbering plan indicator
spare2	BIT_1		
AdSg	HEX_N		Address signals
Filler	HEX_0_1		
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is not used for basic call.			



Structured Type Definition			
<b>Type Name</b> : redirection_information			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.45 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
Rglc	BIT_3		Redirecting indicator
spare_1	BIT_1		
OriRnReas	BIT_4		Original redirection reason
RnCnt	BIT_3		Redirection counter
spare_2	BIT_1		
RgReas	BIT_4		Redirecting reason
<b>Detailed Comments :</b>			
1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : redirection_number <b>Encoding Variation:</b> <b>Comments</b> : 3.46 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
NatAdrl	BIT_7		Nature of address indicator
OdEvl	BIT_1		Odd/even indicator
spare	BIT_4		spare bits
NbPl	BIT_3		Numbering plan indicator
INtwNbl	BIT_1		Internal network number indicator
AdSg	HEX_N		Address signals
Filler	HEX_0_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : redirection_number_restriction			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.47 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
RnNbRes_contents	OCT_1		1.
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : remote_operations			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.48 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
RemOp_contents	OCT_N		1.
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is for national use only.			

Structured Type Definition			
<b>Type Name</b> : SCF_id			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.71 / Q.763 as coded in Q.1218			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
SCF_id	OCT_N		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : service_activation			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.49 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
ServAct_contents	OCT_N		1.
<b>Detailed Comments :</b>			
1. The contents of this parameter are not subdivided because it is for national use only.			

Structured Type Definition			
<b>Type Name</b> : signalling_point_code <b>Encoding Variation:</b> <b>Comments</b> : 3.50 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
SPC_contents	OCT_2		1.
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is for national use only.			

Structured Type Definition			
<b>Type Name</b> : subsequent_number <b>Encoding Variation:</b> <b>Comments</b> : 3.51 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
length	OCT_1		
spare	BIT_7		
OdEvl	BIT_1		Odd/even inicator
AdSg	HEX_N		Address signals
Filler	HEX_0_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : suspend_resume_indicators <b>Encoding Variation:</b> <b>Comments</b> : 3.52 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
SusRes_field spare	BIT_1 BIT_7		Suspend/resume indicator
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : transit_network_selection <b>Encoding Variation:</b> <b>Comments</b> : 3.53 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type length TNtwSel_contents	BIT_8 OCT_1 OCT_N		1.
<b>Detailed Comments :</b> 1. The contents of this parameter are not subdivided because it is for national use only.			

Structured Type Definition			
<b>Type Name</b> : transmission_medium_requirement_prime			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.55 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
TMRp_field	BIT_8		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : transmission_medium_used			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.56 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
TMU_field	BIT_8		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : UID_action_indicators			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.78 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		Through connection instruction indicators parameter field  T9 timer instruction indicator
length	OCT_1		
ThConInsInd	BIT_1		
T9InsInd	BIT_1		
spare	BIT_6		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : UID_capability_indicators			
<b>Encoding Variation:</b>			
<b>Comments</b> : 3.79 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		through connection indicator T9 timer indicator
length	OCT_1		
through_connection_indicator	BIT_1		
T9_timer_indicator	BIT_1		
spare	BIT_6		
<b>Detailed Comments :</b>			



Structured Type Definition			
<b>Type Name</b> : user_service_information <b>Encoding Variation:</b> <b>Comments</b> : 3.57 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
InfTrC	BIT_5		Information transfer capability
CodS	BIT_2		Coding standard
Extl_1	BIT_1		Extension indicator (1)
InfTR	BIT_5		Information transfer rate
TrMod	BIT_2		Transfer mode
Extl_2	BIT_1		Extension indicator (0/1)
RatMul	BIT_7		Rate multiplier
Extl_2a	BIT_1		Extension indicator (1)
UInf1	BIT_5		User information layer 1 protocol
Lay1	BIT_2		Layer identification
Extl_3	BIT_1		Extension indicator (0/1)
UsrRate	BIT_5		User rate
Negot	BIT_1		Negotiation
SynAsyn	BIT_1		Synchronous/Asynchronous
Extl_3a	BIT_1		Extension indicator (0/1)
Bits_3b	BIT_7		Bits for rate adaption V.110/V.120
Extl_3b	BIT_1		Extension indicator (0/1)
Prtty	BIT_3		Parity information

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Structured Type Definition			
Element Name	Type Definition	Field Encoding	Comments
NDatBit	BIT_2		Number of data bits excluding parity bit if present
NStpBit	BIT_2		Number of stop bits
Extl_3c	BIT_1		Extension indicator (1)
MdmTyp	BIT_6		Modem type
DupMod	BIT_1		Mode duplex
Extl_3d	BIT_1		Extension indicator (1)
UInf2	BIT_5		User information layer 2 protocol
Lay2	BIT_2		Layer identification
Extl_4	BIT_1		Extension indicator (1)
UInf3	BIT_5		User information layer 3 protocol
Lay3	BIT_2		Layer identification
Extl_5	BIT_1		Extension indicator (1)
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : user_service_information_prime <b>Encoding Variation:</b> <b>Comments</b> : 3.58 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
InfTrC	BIT_5		Information transfer capability
CodS	BIT_2		Coding standard
Extl_1	BIT_1		Extension indicator (1)
InfTR	BIT_5		Information transfer rate
TrMod	BIT_2		Transfer mode
Extl_2	BIT_1		Extension indicator (0/1)
RatMul	BIT_7		Rate multiplier
Extl_2a	BIT_1		Extension indicator (1)
UInf1	BIT_5		User information layer 1 protocol
Lay1	BIT_2		Layer identification
Extl_3	BIT_1		Extension indicator (0/1)
UsrRate	BIT_5		User rate
Negot	BIT_1		Negotiation
SynAsyn	BIT_1		Synchronous/Asynchronous
Extl_3a	BIT_1		Extension indicator (0/1)
Bits_3b	BIT_7		Bits for rate adaption V.110/V.120
Extl_3b	BIT_1		Extension indicator (0/1)
Prtty	BIT_3		Parity information

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Structured Type Definition			
Element Name	Type Definition	Field Encoding	Comments
NDatBit	BIT_2		Number of data bits excluding parity bit if present
NStpBit	BIT_2		Number of stop bits
Extl_3c	BIT_1		Extension indicator (1)
MdmTyp	BIT_6		Modem type
DupMod	BIT_1		Mode duplex
Extl_3d	BIT_1		Extension indicator (1)
UInf2	BIT_5		User information layer 2 protocol
Lay2	BIT_2		Layer identification
Extl_4	BIT_1		Extension indicator (1)
UInf3	BIT_5		User information layer 3 protocol
Lay3	BIT_2		Layer identification
Extl_5	BIT_1		Extension indicator (1)
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : user_teleservice_information <b>Encoding Variation:</b> <b>Comments</b> : 3.59 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
Pres	BIT_2		Presentation
Interpr	BIT_3		Interpretation
CodS	BIT_2		Coding standard
Extl_1	BIT_1		Extention indicator, always 1
HLChrInf	BIT_7		High layer characteristics identification
Extl_2	BIT_1		Extension indicator, (0/1)
ExHLChrInf	BIT_7		Extended high layer characteristics identification
Extl_2a	BIT_1		Extention indicator, always 1
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : user_to_user_indicators <b>Encoding Variation:</b> <b>Comments</b> : 3.60 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
Type	BIT_1		
Serv1	BIT_2		Service 1
Serv2	BIT_2		Service 2
Serv3	BIT_2		Service 3
NtwDI	BIT_1		Network discard indicator (spare if Type = request)
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : user_to_user_information <b>Encoding Variation:</b> <b>Comments</b> : 3.61 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
UUInf_contents	OCT_N		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : unknown_parameter <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BIT_8		
length	OCT_1		
unkn_par_contents	OCT_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : BCAP (BEARER CAPABILITY IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element Bearer CAPability ETS 300 102-1 subclause 4.5.5			
Element Name	Type Definition	Field Encoding	Comments
bcap_i	BITSTRING		Identifier
bcap_l	OCTETSTRING[1]		Length
bcap_con	OCTETSTRING[0..11]		Contents of the bearer capability information element
<b>Detailed Comments :</b> &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : CAU (CAUSE IE)			
<b>Encoding Variation:</b>			
<b>Comments</b> : Info Element CAUse ETS 300 102-1 subclause 4.5.12			
Element Name	Type Definition	Field Encoding	Comments
cau_i	BITSTRING [8]		Identifier
cau_l	BITSTRING [8]		Length
cau_e3_loc	BITSTRING [8]		Location
cau_e4_rec	BITSTRING [8]		Recommendation
cau_e5_cv1	BITSTRING [1]		Extension bit
cau_e5_cv2	BITSTRING [7]		Cause value
cau_di	OCTETSTRING [1 TO 28]		Diagnostics
<b>Detailed Comments</b> : &COMMON_N10			



Structured Type Definition			
<b>Type Name</b> : CDPN (CALLED PARTY NUMBER IE)			
<b>Encoding Variation:</b>			
<b>Comments</b> : Info Element Called Party Number ETS 300 102-1 subclause 4.5.8			
Element Name	Type Definition	Field Encoding	Comments
cdpn_i	BITSTRING [8]		Identifier
cdpn_l	OCTETSTRING [1]		Length
cdpn_e3_npi	OCTETSTRING [1]		Type of number/Numbering plan identifier
cdpn_e4_nd	OCTETSTRING [1 TO 20]		Number digits
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : CDPS (CALLED PARTY SUBADDRESS IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element Called Party Subaddress ETS 300 102-1 clause 4.5.9			
Element Name	Type Definition	Field Encoding	Comments
cdps_i	BITSTRING [8]		Identifier
cdps_l	OCTETSTRING [1]		Length
cdps_e3_tos	BITSTRING [8]		Type of subaddress
cdps_e4_si	OCTETSTRING [1 TO 20]		Subaddress information
<b>Detailed Comments</b> : &COMMON_N09			

Structured Type Definition			
<b>Type Name</b> : CGPN (CALLING PARTY NUMBER IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element CallinG Party Number ETS 300 102-1 subclause 4.5.10			
Element Name	Type Definition	Field Encoding	Comments
cgpn_i	BITSTRING [8]		Identifier
cgpn_l	OCTETSTRING [1]		Length
cgpn_e3_ton	BITSTRING [4]		Type of number
cgpn_e3_npi	BITSTRING [4]		Numbering plan identifier
cgpn_e4_pi	BITSTRING [3]		Presentation indicator
cgpn_e4_si	BITSTRING [5]		Screening indicator
cgpn_e5_nd	HEXSTRING		Number digits
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : CGPS (CALLING PARTY SUBADDRESS IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element CallinG Party Subaddress ETS 300 102-1 subclause 4.5.11			
Element Name	Type Definition	Field Encoding	Comments
cgps_i	BITSTRING [8]		Identifier
cgps_l	BITSTRING [8]		Length
cgps_e3_tos	BITSTRING [4]		Type of subaddress
cgps_e3_oei	BITSTRING [1]		Odd/even indicator
cgps_e3_sp	BITSTRING [3]		Spare
cgps_e4_si	OCTETSTRING [1 TO 20]		Subaddress information
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : CHI (Channel identification) <b>Encoding Variation:</b> <b>Comments</b> : Information Element CHannel Identification ETS 300 403–1 subclause 4.5.13			
Element Name	Type Definition	Field Encoding	Comments
chi_i (Identifier)	CHI_I		
chi_l (Length)	BITSTRING[8]		
chi_e3_p1	BITSTRING[4]		(1)
chi_e3_pe	BITSTRING[1]		(1)
chi_e3_p3	BITSTRING[3]		(1)
chi_e3_cs	BITSTRING[8]		(2) BITSTRING[8}
chi_e4	BITSTRING[8]		(3)
chi_e5_ch1 (Extension bit)	BITSTRING[1]		(3)
chi_e5_ch2 (Channel number)	BITSTRING[7]		(3) BITSTRING[7]
<b>Detailed Comments</b> : (1) Coding of octet 3 used for primary rate access. (2) Coding of octet 3 used for basic access. (3) The octets 4 and 5 are only used in primary rate access configurations.			

Structured Type Definition			
<b>Type Name</b> : CID (CALLED IDENTITY IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element Call IDentity ETS 300 102-1 clause 4.5.6			
Element Name	Type Definition	Field Encoding	Comments
cid_i	BITSTRING [8]		Identifier
cid_l	BITSTRING [8]		Length
cid_ci	OCTETSTRING [0 TO 8]		Call identity
<b>Detailed Comments</b> : &COMMON_N09			

Structured Type Definition			
<b>Type Name</b> : CR (CALL REFERENCE) <b>Encoding Variation:</b> <b>Comments</b> : Call Reference ETS 300 102-1 subclause 4.3			
Element Name	Type Definition	Field Encoding	Comments
cr_l	BITSTRING [8]		Length
cr_f	BITSTRING [1]		Flag
cr_r	BIT7OR15		Call reference value
<b>Detailed Comments</b> : &COMMON_N10 The call reference is of type BITSTRING[7] for basic access and of type BITSTRING[15] for primary rate access.			

Structured Type Definition			
<b>Type Name</b> : CODN (CONNECTED NUMBER IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element COnnecteD Number ETS 300 97-1 subclause 7.1			
Element Name	Type Definition	Field Encoding	Comments
codn_i	BITSTRING [8]		Identifier
codn_l	OCTETSTRING [1]		Length
codn_e3_ton	BITSTRING [4]		Type of number
codn_e3_npi	BITSTRING [4]		Numbering plan identifier
codn_e4_pi	BITSTRING [3]		Presentation indicator
codn_e4_si	BITSTRING [5]		Screening indicator
codn_e5_nd	HEXSTRING		Number digits
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : Cods (CONNECTED SUBADDRESS IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element COnnecteD Subaddress ETS 300 97-1 subclause 7.2			
Element Name	Type Definition	Field Encoding	Comments
cods_i	BITSTRING [8]		Identifier
cods_l	OCTETSTRING [1]		Length
cods_e3_tos	BITSTRING [4]		Type of subaddress
cods_e3_oei	BITSTRING [1]		Odd/even indicator
cods_e3_sp	BITSTRING [3]		Spare
cods_e4_si	OCTETSTRING [1 TO 20]		Subaddress information
<b>Detailed Comments</b> : &COMMON_N10			



Structured Type Definition			
<b>Type Name</b> : CST (CALL STATE IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element Call State ETS 300 102-1 subclause 4.5.7			
Element Name	Type Definition	Field Encoding	Comments
cst_i	CST_I		Identifier
cst_l	BITSTRING [8]		Length
cst_csv1	BITSTRING [2]		Coding standard
cst_csv2	BITSTRING [6]		Call state value/global interface state value
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : DATI (DATE/TIME IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element DATE/Time ETS 300 102-1 clause 4.6.1			
Element Name	Type Definition	Field Encoding	Comments
dati_i	BITSTRING [8]		Identifier
dati_l	BITSTRING [8]		Length
dati_dt	OCTETSTRING [0 TO 5]		Date/time value
<b>Detailed Comments</b> : &COMMON_N09			

Structured Type Definition			
<b>Type Name</b> : HLC (HIGH LAYER COMPATIBILITY IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element High Layer Compatibility ETS 300 102-1 subclause 4.5.16			
Element Name	Type Definition	Field Encoding	Comments
hlc_i	BITSTRING [8]		Identifier
hlc_l	OCTETSTRING[1]		Length
hlc_con	OCTETSTRING[0..3]		Contents of the high layer compatibility information element
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : KPF (KEYPAD FACILITY IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element KeyPad Facility ETS 300 102-1 subclause 4.5.17			
Element Name	Type Definition	Field Encoding	Comments
kpf_i	BITSTRING [8]		Identifier
kpf_l	BITSTRING [8]		Length
kpf_ki	OCTETSTRING [0 TO 32]		Keypad information
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : LLC (LOW LAYER COMPATIBILITY IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element Low Layer Compatibility ETS 300 102-1 subclause 4.5.18			
Element Name	Type Definition	Field Encoding	Comments
llc_i	BITSTRING [8]		Identifier
llc_l	OCTETSTRING[1]		Length
llc_con	OCTETSTRING[0..14]		Contents of the low layer compatibility information element
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : NOID (NOTIFICATION INDICATOR IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element NOTification InDicator ETS 300 102-1 subclause 4.5.21			
Element Name	Type Definition	Field Encoding	Comments
noid_i	BITSTRING [8]		Identifier
noid_l	BITSTRING [8]		Length
noid_e3_nd	OCTETSTRING [1]		Notification description
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : NSF (NETWORK-SPECIFIC FACILITIES IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element Network-Specific Facilities ETS 300 102-1 clause 4.5.20			
Element Name	Type Definition	Field Encoding	Comments
nsf_i	BITSTRING [8]		Identifier
nsf_l	BITSTRING [8]		Length
nsf_lni	BITSTRING [8]		Length of network identification
nsf_toni	BITSTRING [4]		Type of network identification
nsf_nip	BITSTRING [4]		Network identification plan
nsf_ni	OCTETSTRING		Network identification
nsf_nsfs	OCTETSTRING		Network-specific facility specification
<b>Detailed Comments</b> : &COMMON_N09			

Structured Type Definition			
<b>Type Name</b> : PI (PROGRESS INDICATOR IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element Progress Indicator ETS 300 102-1 subclause 4.5.22			
Element Name	Type Definition	Field Encoding	Comments
pi_i	BITSTRING [8]		Identifier
pi_l	BITSTRING [8]		Length
pi_e3_loc	BITSTRING [8]		Location
pi_e4_pd	BITSTRING [8]		Progress description
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : RI (RESTART INDICATOR IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element Restart Indicator ETS 300 102-1 subclause 4.5.24			
Element Name	Type Definition	Field Encoding	Comments
ri_i	BITSTRING [8]		Identifier
ri_l	BITSTRING [8]		Length
ri_cl	BITSTRING [5]		Fixed value '10000'B
ri_cl1	BITSTRING [3]		Class
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : RNGN (REDIRECTING NUMBER IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element RedirectiNG Number ETS 300 207 subclause 7.2.2			
Element Name	Type Definition	Field Encoding	Comments
rngn_i	BITSTRING [8]		Identifier
rngn_l	OCTETSTRING [1]		Length
rngn_e3_ton	BITSTRING [4]		Type of number
rngn_e3_npi	BITSTRING [4]		Numbering plan identifier
rngn_e4_pi	BITSTRING [3]		Presentation indicator
rngn_e4_sp	BITSTRING [5]		Spare
rngn_e5_sp	BITSTRING [4]		Spare
rngn_e5_rfd	BITSTRING [4]		Reason for diversion
rngn_e6_nd	OCTETSTRING [1 TO 20]		Number digits
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : RONN (REDIRECTION NUMBER IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element Redirection Number ETS 300 207-1 subclause 7.2.3			
Element Name	Type Definition	Field Encoding	Comments
ronn_i	BITSTRING [8]		Identifier
ronn_l	OCTETSTRING [1]		Length
ronn_e3_ton	BITSTRING [4]		Type of number
ronn_e3_npi	BITSTRING [4]		Numbering plan identifier
ronn_e4_pi	BITSTRING [3]		Presentation indicator
ronn_e4_sp	BITSTRING [5]		Spare
ronn_e5_nd	HEX_N		Number digits
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : TNS (TRANSIT NETWORK SELECTION IE)			
<b>Encoding Variation:</b>			
<b>Comments</b> : Info Element Transit Network Selection ETS 300 102-1 subclause 4.5.28			
Element Name	Type Definition	Field Encoding	Comments
tns_i	BITSTRING [8]		Identifier
tns_l	BITSTRING [8]		Length
tns_toni	BITSTRING [4]		Type of network identification
tns_nip	BITSTRING [4]		Network identification plan
tns_ni	OCTETSTRING [0 TO 251]		Network identification
<b>Detailed Comments</b> : &COMMON_N10			



Structured Type Definition			
<b>Type Name</b> : UUI (USER USER INFORMATION IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element User–User ETS 300 102–1 subclause 4.5.29			
Element Name	Type Definition	Field Encoding	Comments
uui_i	BITSTRING [8]		Identifier
uui_l	BITSTRING [8]		Length
uui_pd	BITSTRING [8]		Protocol discriminator
uui_uic	OCTETSTRING [0 TO 128]		User information
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : DSP (DISPLAY IE) <b>Encoding Variation:</b> <b>Comments</b> : Info Element DiSPlay ETS 300 102–1 subclause 4.5.15			
Element Name	Type Definition	Field Encoding	Comments
dsp_i	BITSTRING [8]		Identifier
dsp_l	BITSTRING [8]		Length
dsp_di	OCTETSTRING [0 TO 32]		Display information
<b>Detailed Comments</b> : &COMMON_N10			

Structured Type Definition			
<b>Type Name</b> : tup_routing_label			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
DestPC	BIT_14		Destination point code
OrigPC	BIT_14		Origination point code
CIC	BIT_12		Circuit identification code
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : tup_calling_line_identity			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
NatOfAdInd	BIT_2		Nature of address indicator
spare_1	BIT_1		
spare_2	BIT_1		
NumOfAdSg	BIT_4		Number of address signals
CgLnAdSg	HEX_N		Calling line address signals
Filler	HEX_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : tup_calling_partys_category			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
CgPC_field	BIT_6		
spare	BIT_2		spare '00'B
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : tup_charge_information			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
ZoneInd	BIT_4		Zone indicator
GrpInd	BIT_4		Group indicator
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : tup_first_indicator_octet <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
AAllnd	BIT_1		Additional A-party information indicator
spare_1	BIT_1		
CLlnd	BIT_1		Calling line identity indicator
spare_2	BIT_1		
CHlnd	BIT_1		Charging information indicator
spare_3	BIT_1		
spare_4	BIT_1		
spare_5	BIT_1		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : tup_indicator_octet_cpx <b>Encoding Variation:</b> <b>Comments</b> : Indicator octet used in the TUP CPI and CPR messages.			
Element Name	Type Definition	Field Encoding	Comments
ClgPtyCtgInd	BIT_1		Calling party category indicator
AAlInd	BIT_1		Additional A-party information indicator
CHlInd	BIT_1		Charging information indicator
CLlInd	BIT_1		Calling line identity indicator
spare	BIT_4		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : tup_indicator_octet_msc <b>Encoding Variation:</b> <b>Comments</b> : Indicator octet used in the TUP MSC message.			
Element Name	Type Definition	Field Encoding	Comments
TypOfSigCall	BIT_1		Type of signalling on call
spare	BIT_3		
Filler	BIT_4		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : tup_message_indicators_acm <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
TypOfAdCmpSgInd	BIT_2		Type of address complete signal indicators
SubFreeInd	BIT_1		Subscriber free indicator
InEchSupInd	BIT_1		Incoming echo suppressor indicator
LstPtyRel	BIT_1		Last party release
TmSupBfAns	BIT_1		Time supervision before answer
spare	BIT_2		
<b>Detailed Comments :</b>			

Structured Type Definition			
<b>Type Name</b> : tup_message_indicators_iax <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Type Definition	Field Encoding	Comments
SubNum	BIT_2		Subscriber number
NatOfCrtInd	BIT_2		Nature of circuit indicator
CntChkInd	BIT_2		Continuity check indicator
EchSupInd	BIT_1		Echo suppressor indicator
spare_1	BIT_1		
spare_2	BIT_1		
spare_3	BIT_1		
SigPthInd	BIT_1		Signalling path indicator
spare_4	BIT_1		
<b>Detailed Comments :</b>			

ASN.1 Type Definition	
<b>Type Name</b> : ASN1_ANY <b>Encoding Variation:</b> <b>Comments</b> :	
Type Definition	
ANY	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: ASN1_OCT_1
<b>Encoding Variation:</b>	
<b>Comments</b>	: Octetstring with length 1 /52/ TJS
Type Definition	
OCTET STRING (SIZE(1))	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: ASN1_INT
<b>Encoding Variation:</b>	
<b>Comments</b>	: Integer
Type Definition	
INTEGER	
<b>Detailed Comments :</b>	



ASN.1 Type Definition	
<b>Type Name</b>	: CHI_I
<b>Encoding Variation:</b>	
<b>Comments</b>	: Identifier for the Channel identification information element.
Type Definition	
BIT STRING('00011000'B)	
<b>Detailed Comments</b> : &COMMON_N10	

ASN.1 Type Definition	
<b>Type Name</b>	: Component
<b>Encoding Variation:</b>	
<b>Comments</b>	: ASN1_Encoding: BER The collection of all possible components for CONF ss
Type Definition	
CHOICE {	
general_Components	General_Components -- required to cope with the receipt of
	-- "other" components which are ignored.
}	
<b>Detailed Comments</b>	: plural (componentS) as each type represents invoke, return result, return error etc.

ASN.1 Type Definition	
<b>Type Name</b>	: General_Components
<b>Encoding Variation:</b>	
<b>Comments</b>	: Non specified components must match this type definition.
Type Definition	
<pre> CHOICE {   general_InvokeComp    [1] IMPLICIT General_InvokeComponent,   general_ReturnResultComp [2] IMPLICIT General_ReturnResultComponent,   general_ReturnErrorComp [3] IMPLICIT General_ReturnErrorComponent,   general_RejectComp    [4] IMPLICIT Reject }  -- This is the General InvokeComponent -- General_InvokeComponent ::= SEQUENCE {   invokeID          InvokeIDType,   linked_ID    [0] IMPLICIT InvokeIDType OPTIONAL,   operation_value      Operation,   argument            ANY  OPTIONAL }  -- This is the General ReturnResultComponent -- General_ReturnResultComponent ::= SEQUENCE {   invokeID      InvokeIDType,   valueAndResult SEQUENCE {     operation_value Operation,     result      ANY  } OPTIONAL }  -- This is the General ReturnErrorComponent -- General_ReturnErrorComponent ::= SEQUENCE {   invokeID InvokeIDType,   error  ANY } </pre>	
<b>Detailed Comments</b> : &COMMON_N10	

ASN.1 Type Definition	
<b>Type Name</b>	: FIE
<b>Encoding Variation:</b>	
<b>Comments</b>	: Facility information element taken from ETS 300 196:1993; 11.2.2.1. Specified here for both send & receive event.
Type Definition	
<pre>SEQUENCE {   informationElementIdentifier FIE_I,   length                      FIE_LengthType,   extBit                     BIT STRING (SIZE (1)),   spareBits                  BIT STRING (SIZE (2)),   protocolProfile            BIT STRING (SIZE (5)),   components                  SET OF Component }</pre>	
<b>Detailed Comments</b>	: &COMMON_N10 When sending normally only one component is sent, but when receiving any number of components can be recieved even though normally we are only interested in one component.

ASN.1 Type Definition	
<b>Type Name</b>	: FIE_I
<b>Encoding Variation:</b>	
<b>Comments</b>	: Identifier for the Facility information element.
Type Definition	
BIT STRING('00011100'B)	
<b>Detailed Comments</b>	: &COMMON_N10

ASN.1 Type Definition	
<b>Type Name</b>	: FIES
<b>Encoding Variation:</b>	
<b>Comments</b>	: This type carries a SET OF FIE. The order of the element is of no interest.
Type Definition	
SET OF FIE	
<b>Detailed Comments</b> : &COMMON_N10	

ASN.1 Type Definition	
<b>Type Name</b>	: FIE_LengthType
<b>Encoding Variation:</b>	
<b>Comments</b>	:
Type Definition	
BIT STRING(SIZE(8))	
<b>Detailed Comments</b> : &COMMON_N10 This type is needed in the test suite operation TSO_CALC_FIE_LENGTH.	

ASN.1 Type Definition	
<b>Type Name</b>	: DestAddressType
<b>Encoding Variation:</b>	
<b>Comments</b>	:
Type Definition	
INTEGER	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: OrigAddressType
<b>Encoding Variation:</b>	
<b>Comments</b>	:
Type Definition	
INTEGER	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: DialogueIdType
<b>Encoding Variation:</b>	
<b>Comments</b>	:
Type Definition	
ASN1_OCT_1	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: CompPresentType
<b>Encoding Variation:</b>	
<b>Comments</b>	:
Type Definition	
INTEGER { null (0), present ( 1) }	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: TerminationType
<b>Encoding Variation:</b>	
<b>Comments</b>	:
Type Definition	
ENUMERATED { basic ( 1 ), prearranged ( 2 ) }	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: InvokeIDType
<b>Encoding Variation:</b>	
<b>Comments</b>	:
Type Definition	
INTEGER (−32768 .. 32767)	
<b>Detailed Comments :</b>	<p>&amp;COMMON_N10</p> <p>Values: Sending Components: If it is an invoke component then use Test Case Variable (with default) to set value. If another invoke component is sent the TCV should be incremented beforehand. If it is a return result, error or reject component in response to a received invoke component then use TCV also, making sure the value is set to the value of the received component beforehand.</p> <p>Receiving Components: If it is an invoke comp then use '?'. If it is a return result, error or reject component in response to a sent invoke component then use TCV value (as used in sent invoke component).</p>

ASN.1 Type Definition	
<b>Type Name</b>	: InvokeldType
<b>Encoding Variation:</b>	
<b>Comments</b>	: According to Q.773 p.3, TCAP 03/93,
Type Definition	
INTEGER (−128..127)	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: LinkedIdType
<b>Encoding Variation:</b>	
<b>Comments</b>	: According to Q.771 TCAP 1993
Type Definition	
[0] IMPLICIT InvokeldType	
<b>Detailed Comments :</b>	



ASN.1 Type Definition	
<b>Type Name</b>	: OpLocalValue
<b>Encoding Variation:</b>	
<b>Comments</b>	: INAP CS1 operation codes (Q.1214 page 61)
Type Definition	
INTEGER (0 .. 55)	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: OpClassType
<b>Encoding Variation:</b>	
<b>Comments</b>	: regarding to Q.771
Type Definition	
INTEGER	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: Operation
<b>Encoding Variation:</b>	
<b>Comments</b>	: from ETS 300 196 (table E.1) & CCITT X.219 (figure 4).
Type Definition	
CHOICE { localValue INTEGER, globalValue OBJECT IDENTIFIER}	
<b>Detailed Comments</b> : &COMMON_N10	

ASN.1 Type Definition	
<b>Type Name</b>	: TimeoutValType
<b>Encoding Variation:</b>	
<b>Comments</b>	: regarding to Q.771
Type Definition	
ENUMERATED { short ( 1 ), medium ( 2 ), long ( 3 ) }	
<b>Detailed Comments</b> :	

ASN.1 Type Definition	
<b>Type Name</b>	: ErrorCodeValue
<b>Encoding Variation:</b>	
<b>Comments</b>	: Contains information provided by the TC–user when an operation returns failure
Type Definition	
INTEGER	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: ProblemCodeType
<b>Encoding Variation:</b>	
<b>Comments</b>	: According to Q.773 TCAP 1993
Type Definition	
CHOICE { generalProblem                    [0] IMPLICIT GeneralProblem, invokeProblem                    [1] IMPLICIT InvokeProblem, returnResultProblem              [2] IMPLICIT ReturnResultProblem, returnErrorProblem               [3] IMPLICIT ReturnErrorProblem }	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: ReturnErrorProblem
<b>Encoding Variation:</b>	
<b>Comments</b>	: According to Q.773 TCAP 1993
Type Definition	
INTEGER { unrecognizedInvokeIdx (0), returnErrorUnexpected (1), unrecognizedError (2), unexpectedError (3), mistypedParameterxx (4) }	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: GeneralProblem
<b>Encoding Variation:</b>	
<b>Comments</b>	: According to Q.773 TCAP 3/1993
Type Definition	
INTEGER { unrecognizedComponent (0), mistypedComponent (1), badlyStructuredComponent (2) }	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: InvokeProblem
<b>Encoding Variation:</b>	
<b>Comments</b>	: According to Q.773 TCAP 3/1993
Type Definition	
INTEGER { duplicateInvokeID (0), unrecognizedOperation (1), mistypedParameter (2), resourceLimitationx (3), initiatingRelease (4), unrecognizedLinkedID (5), linkedResponseUnexpected (6), unexpectedLinkedOperation (7) }	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: ReturnResultProblem
<b>Encoding Variation:</b>	
<b>Comments</b>	: According to Q.773 TCAP 1993
Type Definition	
INTEGER { unrecognizedInvokeID (0), returnResultUnexpected (1), mistypedParameterX (2) }	
<b>Detailed Comments :</b>	

ASN.1 Type Definition	
<b>Type Name</b>	: PAbortCause
<b>Encoding Variation:</b>	
<b>Comments</b>	: Cause values regarding the P_ABORT primitive. see Q.773
Type Definition	
<pre>[APPLICATION 10] IMPLICIT INTEGER{   unrecognizedMessageType (0),   unrecognizedTransactionID (1),   badlyFormattedTransactionPortion (2),   incorrectTransactionPortion (3),   resourceLimitation (4) }</pre>	
<b>Detailed Comments</b> : Abnormal dialogue No Common Dialogue Portion check also these symbolic values for PAbortCause parameter.	

ASN.1 Type Definition	
<b>Type Name</b>	: ReturnResult
<b>Encoding Variation:</b>	
<b>Comments</b>	: The Component ReturnResult is a sequence of data elements, see Q.773 p.2
Type Definition	
<pre> SEQUENCE {   invokeID      InvokeldType,   result        SEQUENCE {                   operationCode OpLocalValue,                   parameter      ASN1_ANY                 } OPTIONAL } </pre>	
<b>Detailed Comments</b> : Note that the operationCode is Mandatory when the primitive contains the "Parameters" parameter	

ASN.1 Type Definition	
<b>Type Name</b>	: ReturnError
<b>Encoding Variation:</b>	
<b>Comments</b>	: The Component ReturnError is a sequence of data elements, see Q.773 p.2
Type Definition	
<pre> SEQUENCE {   invokeID      InvokeldType,   errorCode     ErrorCodeValue,   parameters    ASN1_ANY OPTIONAL } </pre>	
<b>Detailed Comments</b> : parameter description see Q.771 page 16/17	



ASN.1 Type Definition	
<b>Type Name</b>	: Reject
<b>Encoding Variation:</b>	
<b>Comments</b>	: The Component Reject is a sequence of data elements, see Q.773 p.3
Type Definition	
<pre>SEQUENCE {   invokeID CHOICE {     derivable          InvokeldType,     not_derivable      NULL   },   problem CHOICE {     generalProblem      [0] IMPLICIT GeneralProblem,     invokeProblem        [1] IMPLICIT InvokeProblem,     returnResultProblem  [2] IMPLICIT ReturnResultProblem,     returnErrorProblem   [3] IMPLICIT ReturnErrorProblem   } }</pre>	
<b>Detailed Comments</b> : parameter description see Q.771 page 16/17	

Test Suite Operation Definition	
<b>Operation Name</b> : get_unknown_msg_type	
<b>Result Type</b> : message_type	
<b>Comments</b> : Returns an unknown message type code	
Description	
<pre>{ message_type tmp; tmp=0; do     tmp++; until(message_is_unknown(tmp)); }</pre>	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> :	get_unknown_par_type
<b>Result Type</b> :	BIT_8
<b>Comments</b> :	Returns an unknown parameter type code
Description	
<pre>{   BIT_8 tmp;   tmp = 0;   do     tmp++;   until(parameter_is_unknown(tmp)); }</pre>	
<b>Detailed Comments :</b>	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_SubNb_len(val_Nb: HEX_N)
<b>Result Type</b> :	OCT_1
<b>Comments</b> :	Computes the length of the subsequential number parameter
Description	
<pre>{ int i;  if((i = strlen(val_Nb)) % 2) /* odd */     return(i/2 + 2); else /* even */     return(i/2 + 1); }</pre>	
<b>Detailed Comments :</b>	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_Nb_len(val_Nb: HEX_N)
<b>Result Type</b> :	OCT_1
<b>Comments</b> :	Computes the length of a number parameter (CdPN, CgPN, ...)
Description	
<pre>{ int i;  if((i = strlen(val_Nb)) % 2) /* odd */     return(i/2 + 3); else /* even */     return(i/2 + 2); }</pre>	
<b>Detailed Comments :</b>	

Test Suite Operation Definition	
<b>Operation Name</b> : TSO_OddEven(val_Nb: HEX_N)	
<b>Result Type</b> : BIT_1	
<b>Comments</b> : Computes the value of the Odd/even indicator	
Description	
<pre>{ if(strlen(val_Nb) % 2) /* odd */     return('1'); else     /* even */     return('0'); }</pre>	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> : TSO_Filler(val_Nb: HEX_N)	
<b>Result Type</b> : HEX_0_1	
<b>Comments</b> : Returns the a Filler field if odd address digits are used or '\0' if even address digits are used.	
Description	
<pre>{ if(strlen(val_Nb) % 2) /* odd */     return("0"); else     /* even */     return(""); }</pre>	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_BitStr_add(var1, var2: BITSTRING)
<b>Result Type</b> :	BITSTRING
<b>Comments</b> :	Adds the two bitstrings var1 and var2. (used in V_7_3_5)
Description	
<pre>{   int tmp1, tmp2;    tmp1 = BIT_TO_INT(var1);   tmp2 = BIT_TO_INT(var2);   return(INT_TO_BIT(tmp1 + tmp2)); }</pre>	
<b>Detailed Comments :</b>	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_BIT_5_TO_INT(bit_val: BITSTRING)
<b>Result Type</b> :	INTEGER
<b>Comments</b> :	Converts a bitstring into an integer
Description	
<pre>{   return(BIT_5_TO_INT(BIT_TO_INT(bit_val))); }</pre>	
<b>Detailed Comments :</b>	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_BIT_12_TO_INT(bit_val: BITSTRING)
<b>Result Type</b> :	INTEGER
<b>Comments</b> :	Converts a bitstring into an integer
Description	
{ return(BIT_12_TO_INT(BIT_TO_INT(bit_val))); }	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_BIT_TO_OCT(bit_val: BITSTRING)
<b>Result Type</b> :	OCTETSTRING
<b>Comments</b> :	Converts a bitstring into an octetstring
Description	
{ return(INT_TO_OCT(BIT_TO_INT(bit_val))); }	
<b>Detailed Comments</b> :	



Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_INT_TO_OCT(int_val: INTEGER)
<b>Result Type</b> :	OCT_2
<b>Comments</b> :	Converts an integer into an octetstring
Description	
{ return(INT_TO_OCT(int_val)); }	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_INT_TO_BIT_5(int_val: INTEGER)
<b>Result Type</b> :	BIT_5
<b>Comments</b> :	Converts an integer into an 5-bit string
Description	
{ return(INT_TO_BIT_5(int_val)); }	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_INT_TO_BIT_7(int_val: INTEGER)
<b>Result Type</b>	: BIT_7
<b>Comments</b>	: Converts an integer into an 7-bit string
Description	
{ return(INT_TO_BIT_7(int_val)); }	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_INT_TO_BIT_12(int_val: INTEGER)
<b>Result Type</b>	: BIT_12
<b>Comments</b>	: Converts an integer into an 12-bit string
Description	
{ return(INT_TO_BIT_12(int_val)); }	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_OCT_TO_INT(oct_val: OCT_2)
<b>Result Type</b> :	INTEGER
<b>Comments</b> :	Converts a 2-bytes long octetstring into an integer
Description	
{ return(OCT_TO_INT(oct_val)); }	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_OCT1_TO_INT(oct_val: OCT_1)
<b>Result Type</b> :	INTEGER
<b>Comments</b> :	Converts a one byte long octetstring into an integer
Description	
{ return(OCT_TO_INT(oct_val)); }	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> : TSO_Close_test_loop(cicNr:BIT_12)	
<b>Result Type</b> : BIT_1	
<b>Comments</b> : Create loop	
Description	
{ return('0'); }	
<b>Detailed Comments</b> : The test equipment at the right B side should close the continuity check loop for the specified cic.	

Test Suite Operation Definition	
<b>Operation Name</b> : TSO_Remove_test_loop(cicNr:BIT_12)	
<b>Result Type</b> : BIT_1	
<b>Comments</b> : Remove loop	
Description	
{ return('0'); }	
<b>Detailed Comments</b> : The test equipment at the right B side should remove the continuity check loop for the specified cic.	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_compute_opt_ptr
<b>Result Type</b> :	OCT_1
<b>Comments</b> :	Computes the pointer to the optional part of a message.
Description	
<pre>{   if(opt_pars_present)     return(INT_TO_OCT(length_of_var_pars() + 1));   else     return(INT_TO_OCT(0)); }</pre>	
<b>Detailed Comments :</b>	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_oct_strcat(str1, str2: OCT_N)
<b>Result Type</b> :	OCT_N
<b>Comments</b> :	Concatenates the two octetstrings str1 and str2
Description	
<pre>{   strcat(str1, str2);   return(str1); }</pre>	
<b>Detailed Comments :</b>	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_hex_strcat(str1, str2: HEX_N)
<b>Result Type</b> :	HEX_N
<b>Comments</b> :	Concatenates the two octetstrings str1 and str2
Description	
<pre>{   strcat(str1, str2);   return(str1); }</pre>	
<b>Detailed Comments :</b>	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_First_part_of_number(val_number: HEX_N; nr_digits: INTEGER)
<b>Result Type</b> :	HEX_N
<b>Comments</b> :	Returns the first nr_digits digits of the number val_number.
Description	
<pre>{   static char[256] tmp;    strncpy(tmp, val_number, nr_digits);   return(tmp); }</pre>	
<b>Detailed Comments :</b>	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_Second_part_of_number(val_number: HEX_N; nr_digits: INTEGER)
<b>Result Type</b> :	HEX_N
<b>Comments</b> :	Returns the digits from nr_digits to the end of the number val_number.
Description	
<pre>{   static char[256] tmp;    strcpy(tmp, val_number[nr_digits - 1], nr_digits);   return(tmp); }</pre>	
<b>Detailed Comments :</b>	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_Next_CIC(CICnr: BIT_12)
<b>Result Type</b> :	BIT_12
<b>Comments</b> :	Returns the next possible value for CIC but skips over the signalling timeslot
Description	
<pre>{     int tmp;     int tmp1;      tmp = BIT_TO_INT(CICnr);     tmp1 = BIT_TO_INT(TSP_Link_R);     tmp++;     if(tmp == tmp1)         tmp++;          /* next cic after signalling timeslot */     return(INT_TO_BIT(tmp)); }</pre>	
<b>Detailed Comments :</b>	



Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_RngSts_Cntrl_len (val_GrpCIC:BIT_12)
<b>Result Type</b> :	OCT_1
<b>Comments</b> :	Computes the length of the range & status parameter for controlling CICs
Description	
<pre>{ return(INT_TO_OCT(31-BIT_TO_INT(val_GrpCIC)) / 8 + 2)) }</pre>	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b> :	TSO_ASSIGN_CHI(basic_rate, primary : CHI; basic_flag : BOOLEAN)
<b>Result Type</b> :	CHI
<b>Comments</b> :	
Description	
<pre>{ if(basic_flag) return basic_rate; /* Testing the basic access */ else return primary; /* Testing the primary rate access */ }</pre>	
<b>Detailed Comments</b> : &COMMON_N10	

Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
TSP_SPA_R	BIT_14	PIXIT Table B.1/1	SS No. 7 Signalling point code of the SUT on the AB interface (right side)
TSP_SPB	BIT_14	PIXIT Table B.1/2	SS No. 7 Signalling point code of the tester on the AB interface (right side)
TSP_NI_R	BIT_2	PIXIT Table B.1/3	SS No. 7 Network indicator on the AB interface
TSP_SLS_R	BIT_4	PIXIT Table B.1/4	SS No. 7 Signalling link selection on the AB interface
TSP_CIC_R	BIT_12	PIXIT Table B.1/5	SS No. 7 Circuit identification code o the AB interface
TSP_NB_CICS	INTEGER	PIXIT Table B.1/6	Number of SS No. 7 Circuit identification codes on the AB and AC interfaces
TSP_CIC_R_UNEQUIPPED	BIT_12	PIXIT Table B.1/7	Unequipped SS No. 7 Circuit identification code on the AB interface
TSP_SPA_L	BIT_14	PIXIT Table B.1/8	SS No. 7 Signalling point code of the SUT on the AC interface (left side)
TSP_SPC	BIT_14	PIXIT Table B.1/9	SS No. 7 Signalling point code of the tester on the AC interface (left side)
TSP_NI_L	BIT_2	PIXIT Table B.1/10	SS No. 7 Network indicator on the AC interface

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
TSP_SLS_L	BIT_4	PIXIT Table B.1/11	SS No. 7 Signalling link selection on the AC interface
TSP_CIC_L	BIT_12	PIXIT Table B.1/12	SS No. 7 Circuit identification code o the AC interface
TSP_GrpCIC	BIT_12	PIXIT Table B.1/13	1st CIC in group of CICs to be blocked / unblocked / reset
TSP_GrpRange	OCT_1	PIXIT Table B.1/14	Range (number of CICs +1 in the group)
TSP_GrpCIC2	BIT_12	PIXIT Table B.1/15	1st CIC in 2nd group of CICs to be blocked / unblocked / reset
TSP_GrpRange2	OCT_1	PIXIT Table B.1/16	Range (number of CICs +1 in the 2nd group)
TSP_Link_R	BIT_12	PIXIT Table B.1/17	CIC for the signalling link on the AB interface
TSP_Link_L	BIT_12	PIXIT Table B.1/18	CIC for the signalling link on the AC interface
TSP_GrpCIC_UNEQUIPPED	BIT_12	PIXIT Table B.1/19	1st CIC in group of CICs to be blocked with parameter TSP_GrpRange_unequipped includes at least one unequipped circuit
TSP_RngSts_len	OCT_1	PIXIT Table B.1/20	Length of Range and Status
TSP_Status	OCT_1_32	PIXIT Table B.1/21	TSO_Status not implemented
TSP_GrpRange_non_cont	OCT_1	PIXIT Table B.1/22	Range (number of CICs +1 in the group) for non controlling circuits

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
TSP_Status_non_cont	OCT_1_32	PIXIT Table B.1/23	Status for non controlling circuits
TSP_GrpRange_unequipped	OCT_1	PIXIT Table B.1/24	Range (number of CICs +1 in the group) for unequipped circuits
TSP_Status_unequipped_CGB	OCT_1_32	PIXIT Table B.1/25	status for unequipped circuits in CGB message
TSP_Status_unequipped_CGBA	OCT_1_32	PIXIT Table B.1/26	status for CGBA when CGB message has contained unequipped circuits
TSP_Nb_SPB	HEX_N	PIXIT Table B.2/1	Subscriber number for which the call will be routed to signalling point B (SP B)
TSP_Nb_SPC	HEX_N	PIXIT Table B.2/2	Subscriber number for which the call will be routed to signalling point C (SP C)
TSP_Nb_SPC_Non_ISUP	HEX_N	PIXIT Table B.2/3	Subscriber number for which the call will be routed to signalling point C (SP C) e.g.R2 or TUP
TSP_Nb_Operator	HEX_N	PIXIT Table B.2/4	Subscriber number which has to be called to reach the operator located at the IUT (SP A)
TSP_CdPN_seizure	INTEGER		Minimum called party number length to trigger the seizure of a circuit
TSP_Orig_ISDN_access	BIT_1	PIXIT Table B.2/5	Use of ISDN access at origination ('1' b) or non-ISDN access ('0' b)

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
TSP_Dest_ISDN_access	BIT_1	PIXIT Table B.2/6	Use of ISDN access at destination ('1' b) or non-ISDN access ('0' b)
TSP_PDC_X	INTEGER	PIXIT Table B.2/7	Propagation delay on incoming route in ms
TSP_PDC_D	INTEGER	PIXIT Table B.2/8	Propagation delay on outgoing route in ms
TSP_NatAdrl_R	BIT_7	PIXIT Table B.2/9	Use of Nature of Address for called party number international num (0000100) national number (0000011), MTC
TSP_NatAdrl_L	BIT_7	PIXIT Table B.2/9a	Use of Nature of Address for called party number international num (0000100) national number (0000011), PTC
TSP_NatAdrl_cg_R	BIT_7	PIXIT Table B.2/10	Use of Nature of Address for calling party number international num (0000100) national number (0000011), MTC
TSP_NatAdrl_cg_L	BIT_7	PIXIT Table B.2/10a	Use of Nature of Address for calling party number international num (0000100) national number (0000011), PTC
TSP_FCI_NatIntInd	BIT_1	PIXIT Table B.2/11	National/intrnational call indicator 1=international 0=national

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
TSP_T_WAIT	INTEGER	PIXIT Table B.3/1	Wait for some event timer (max 30 s)
TSP_T_GUARD	INTEGER	PIXIT Table B.3/2	Guard timer for the test case (min 30 s)
TSP_T_DELAY	INTEGER		Delay timer for short delays (1..5 s)
TSP_tol	INTEGER	PIXIT Table B.3/3	Tolerance for ISUP timers in percent
TSP_maxNbCalls	INTEGER	PIXIT Table B.4/1	Maximum number of calls per second that can be still handled by the IUT (e.g. 10)
TSP_moreCalls	INTEGER	PIXIT Table B.4/2	Number of calls per second which added to TSP_maxNbCalls would lead to congestion of the IUT
TSP_lessCalls	INTEGER	PIXIT Table B.4/3	Number of calls per second which subtracted from TSP_maxNbCalls would surely not congest the IUT
TSP_HopCnt	INTEGER	PIXIT Table B.4/4	Initial count value for maximum number of hops
TSP_LIPN1	OCTETSTRING	PIXIT Table B.7/1	Length of the IUT party number (including NPI) for DSS1
TSP_IPN1	OCTETSTRING	PIXIT Table B.7/2	IUT party number entered in IA5 format for DSS1

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
TSP_BASIC	BOOLEAN	PIXIT Table B.7/3	TRUE -> basic access FALSE -> primary rate access for DSS1
OLE	BOOLEAN	PICS Table A.1/1	Originating exchange
NTE	BOOLEAN	PICS Table A.1/2	National transit exchange
OutIE	BOOLEAN	PICS Table A.1/3	Outgoing international exchange
ITE	BOOLEAN	PICS Table A.1/4	International transit exchange
InclE	BOOLEAN	PICS Table A.1/5	Incoming international exchange
DLE	BOOLEAN	PICS Table A.1/6	Destination exchange
TSP_AUD	BOOLEAN	PICS Table A.2/2	3.1 kHz audio
TSP_UNR	BOOLEAN	PICS Table A.2/3	64 kbit/s unrestricted
TSP_MCT	BOOLEAN	PICS Table A.2/5	Multirate connection types
TSP_SAO	BOOLEAN	PICS Table A.13/6	Semi-automatic operation
TSP_SGM	BOOLEAN	PICS Table A.13/7	Simple segmentation
TSP_FB	BOOLEAN	PICS Table A.13/10	Fallback
TSP_PDDP	BOOLEAN	PICS Table A.13/11	propagation delay determination procedure
TSP_CHInf	BOOLEAN	PICS Table A.10/2	Generate CHInf if it is missing
TSP_EC	BOOLEAN	PICS Table A.13/13	Dynamic echo control procedure
TSP_ACC	BOOLEAN	PICS Table A.13/23	Automatic congestion control
TSP_IAC	BOOLEAN	PICS Table A.13/24	ISUP availability control
TSP_TAR	BOOLEAN	PICS Table A.13/26	Temporary Alternate Routing Procedure
TSP_HOP	BOOLEAN	PICS Table A.13/27	Hop Counter Procedure

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
TSP_CALLCOL	BOOLEAN	PICS Table A.13/28	Call Collect Request Procedure
TSP_Nx64k	BOOLEAN	PICS Table A.13/29	Nx64 kbit/s connection type
TSP_T1	INTEGER	PICS Table A.14/1	15..60
TSP_T2	INTEGER	PICS Table A.14/2	180
TSP_T3	INTEGER	PICS Table A.14/3	120
TSP_T4	INTEGER	PICS Table A.14/4	300..900
TSP_T5	INTEGER	PICS Table A.14/5	300..900
TSP_T6	INTEGER	PICS Table A.14/6	60..120 (Q.118)
TSP_T7	INTEGER	PICS Table A.14/7	20..30
TSP_T8	INTEGER	PICS Table A.14/8	10..15
TSP_T9	INTEGER	PICS Table A.14/9	90..180 (Q.118)
TSP_T10	INTEGER	PICS Table A.14/10	4..6
TSP_T11	INTEGER	PICS Table A.14/11	15..20
TSP_T12	INTEGER	PICS Table A.14/12	15..60
TSP_T13	INTEGER	PICS Table A.14/13	300..900
TSP_T14	INTEGER	PICS Table A.14/14	15..60
TSP_T15	INTEGER	PICS Table A.14/15	300..900
TSP_T16	INTEGER	PICS Table A.14/16	15..60
TSP_T17	INTEGER	PICS Table A.14/17	300..900
TSP_T18	INTEGER	PICS Table A.14/18	15..60
TSP_T19	INTEGER	PICS Table A.14/19	300..900
TSP_T20	INTEGER	PICS Table A.14/20	15..60
TSP_T21	INTEGER	PICS Table A.14/21	300..900

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
TSP_T22	INTEGER	PICS Table A.14/22	15..60
TSP_T23	INTEGER	PICS Table A.14/23	300..900
TSP_T24	INTEGER	PICS Table A.14/24	0..2
TSP_T25	INTEGER	PICS Table A.14/25	1..10
TSP_T26	INTEGER	PICS Table A.14/26	60..180
TSP_T27	INTEGER	PICS Table A.14/27	240
TSP_T28	INTEGER	PICS Table A.14/28	10
TSP_T29	INTEGER	PICS Table A.14/29	0,3..0,6
TSP_T30	INTEGER	PICS Table A.14/30	5..10
TSP_T31	INTEGER	PICS Table A.14/31	360
TSP_T32	INTEGER	PICS Table A.14/32	3..5
TSP_T33	INTEGER	PICS Table A.14/33	12..15
TSP_T34	INTEGER	PICS Table A.14/34	2..4
TSP_T35	INTEGER	PICS Table A.14/35	15..20
TSP_T36	INTEGER	PICS Table A.14/36	10..15
TSP_T37	INTEGER	PICS Table A.14/37	2..4
TSP_T38	INTEGER	PICS Table A.14/38	60..120 (Q.118)
TSP_T39	INTEGER	PICS Table A.14/39	12..15 (Q.730)
Detailed Comments :			

Test Case Selection Expression Definitions		
Expression Name	Selection Expression	Comments
TCS_InclE	InclE	
TCS_OutIE	OutIE	
TCS_Gateway	OutIE OR InclE	International gateways
TCS_Transit	NTE OR ITE	Transit exchanges
TCS_TypeA	OLE OR DLE OR TCS_Gateway	Type A exchanges
TCS_TypeB	NTE OR ITE	Type B exchanges
TCS_CntrlE	OLE OR OutIE	Controlling exchanges
TCS_IntermE	TCS_TypeB OR TCS_Gateway	Intermediate exchanges
TCS_Local	OLE OR DLE	Local exchange
TCS_OLE_or_IntermE	OLE OR TCS_IntermE	Exchanges for outgoing calls
TCS_DLE_or_Transit	DLE OR TCS_Transit	Exchanges for incoming calls
TCS_AUD	TSP_AUD	3.1 kHz audio
TCS_UNR	TSP_UNR	64 kbit/s unrestricted
TCS_MCT	TSP_MCT	Multirate connection types
TCS_SAO	TSP_SAO	Semi-automatic operation
TCS_SGM	TSP_SGM	Simple segmentation
TCS_FB	TSP_FB	Fallback
TCS_PDDP	TSP_PDDP	propagation delay determination procedure
TCS_CHInf	TSP_CHInf AND TCS_IntermE	Generate CHInf if it is missing
TCS_EC_Q767	NOT TSP_EC	Simple echo control procedure
TCS_EC_Enhanced	NOT TSP_EC	Enhanced echo control procedure
TCS_ACC	TSP_ACC	Automatic congestion control
TCS_IAC	TSP_IAC	ISUP availability control
TCS_TAR	TSP_TAR	Temporary Alternate Routing Procedure

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Test Case Selection Expression Definitions		
Expression Name	Selection Expression	Comments
TCS_HOP	TSP_HOP	Hop Counter Procedure
TCS_CALLCOL	TSP_CALLCOL	Call Collect Request Procedure
TCS_Nx64k	TSP_Nx64k	Nx64 kbit/s connection type
<b>Detailed Comments :</b>		

Test Suite Constant Declarations			
Constant Name	Type	Value	Comments
Local	BOOLEAN	OLE OR DLE	Local exchange
Interm	BOOLEAN	OutIE OR IncIE OR ITE OR NTE	Intermediate exchange
NoInd	BIT_2	'00'B	No indication
progress	BIT_7	'0000010'B	Event indicator progress
in_band	BIT_7	'0000011'B	Event indicator in-band information or an appropriate pattern is now available
subscriber	BIT_7	'0000001'B	NatAdrl=subscriber number
unknown	BIT_7	'0000010'B	NatAdrl=unknown
national	BIT_7	'0000011'B	NatAdrl=national (significant) number
international	BIT_7	'0000100'B	NatAdrl=international number
ISUPpreferred	BIT_2	'00'B	FCI: ISDN user part preferred all the way
ISUPnot_required	BIT_2	'01'B	FCI: ISDN user part not required all the way
ISUPrequired	BIT_2	'10'B	FCI: ISDN user part required all the way
TSC_UUI_32	OCTETSTRING	'5065746572202046726F656C6963682054454C535441'O	UUInformation coded in IA5
<b>Detailed Comments :</b>			

Test Suite Variable Declarations			
Variable Name	Type	Value	Comments
TSV_BASIC	BOOLEAN		TRUE -> basic access FALSE -> primary rate access (DSS1)
TSV_BCHNUM1	BIT7OR8		B-channel for call, BITSTRING[7..8] for TSV_CREF1 (DSS1)
TSV_CREF1	BIT7OR15		Call Ref. value (DSS1)
TSV_GLOBCREF	BIT7OR15		Call Ref. value (DSS1)
TSV_CRLENGTH	CR_LENGTH_TYPE		Call Reference length value (1..2) (DSS1)
TSV_BCAPL	OCTETSTRING		Length of Bearer capability (DSS1)
TSV_BCAPV	OCTETSTRING		Bearer capability value (DSS1)
TSV_HLCL	OCTETSTRING		Length of High layer compatibility (DSS1)
TSV_HLCV	OCTETSTRING		High layer compatibility value (DSS1)
TSV_LLCL	OCTETSTRING		Length of Low layer compatibility (DSS1)
TSV_LLCV	OCTETSTRING		Low layer compatibility value (DSS1)
TSV_CDPNOCTET3	OCTETSTRING		octet 3 of the called party number, type of number and numbering plan identifier (DSS1)
TSV_FLAG_ORIG	INTEGER	0	Bit 8 of call reference for call origin
<b>Detailed Comments :</b>			

Test Case Variable Declarations			
Variable Name	Type	Value	Comments
cic	BIT_12	TSP_CIC_R	received CIC storage
cic1	BIT_12	TSP_CIC_R	received CIC storage
cic2	BIT_12	TSP_CIC_R	received CIC storage
TCV_Close_test_loop	BIT_1	'0'B	received Close_test_loop storage
TCV_Remove_test_loop	BIT_1	'0'B	received Remove_test_loop storage
TCV_CauseV	BIT_7	'0000000'B	To test various causes
TCV_SAT	BIT_2	'00'B	number of satellites
TCV_PDC	OCT_2	'0000'O	received Propagation delay counter value
TCV_CHInf	OCT_2	'0000'O	received Call history information value
TCV_MXX	BIT_8	'00000000'B	unknown message type
TCV_PXX	BIT_8	'00000000'B	unknown parameter type
TCV_A	INTEGER	0	integer for SPC of signalling point A on the link AB
TCV_B	INTEGER	0	integer for SPC of signalling point B on the link AB
TCV_cic	INTEGER	0	integer CIC
TCV_count0	INTEGER	0	counter 0
TCV_count1	INTEGER	0	counter 1
TCV_count2	INTEGER	0	counter 2
TCV_done	BOOLEAN	FALSE	synchronization flag
OVER	BOOLEAN	FALSE	synchronization flag
TCV_time	BOOLEAN	FALSE	time flag

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Test Case Variable Declarations			
Variable Name	Type	Value	Comments
TCV_RngStat_len	OCT_1		Length octet of Range and status
TCV_RngStat_Rng	OCT_1		Range of Range and status
TCV_RngStat_Stat	OCT_1_32		Status of Range and status
TCV_Hop_val1	INTEGER	0	Hop counter test setting
TCV_Hop_val2	INTEGER	0	received Hop counter value
HopVal	BIT_5	'00000'B	received Hop counter value
cr_in	BIT7OR8		received Call reference storage
bch_num1	BIT7OR8		B-channel for call, BITSTRING[7..8] for CREF1
<b>Detailed Comments :</b>			

PCO Type Declarations		
PCO Type	Role	Comments
ISUP_PCO	LT	
CIRCUIT_PCO	LT	
MAINT_PCO	UT	
Operator_PCO	UT	
ACCESS_PCO	LT	
CHANNEL_PCO	LT	
Non_ISUP_PCO	LT	
Detailed Comments :		



PCO Declarations			
PCO Name	PCO Type	Role	Comments
LAB	ISUP_PCO	LT	Signalling link AB
LAC	ISUP_PCO	LT	Signalling link CA
CAB	CIRCUIT_PCO	LT	Circuit AB
CAC	CIRCUIT_PCO	LT	Circuit CA
MNT	MAINT_PCO	UT	Maintenance
OPR	Operator_PCO	UT	Operator in gateways
ACH	ACCESS_PCO	LT	D-Channel
APH	CHANNEL_PCO	LT	B-Channel
TAC	Non_ISUP_PCO	LT	Signalling link CA (Non-ISUP, e.g TUP,R2)
A_ACCESS_PCO	ACCESS_PCO	LT	Access link A subscriber
<b>Detailed Comments :</b>			

Coordination Point Declarations	
CP Name	Comments
I_CP	Coordination point between ISUP_V3_MTC and I_PTC
A_CP	Coordination point between ISUP_V3_MTC and A_PTC
Detailed Comments :	

Timer Declarations			
Timer Name	Duration	Unit	Comments
T1min	$TSP\_T1 - (TSP\_T1 * TSP\_tol / 100)$	s	waiting for RLC
T1max	$TSP\_T1 + (TSP\_T1 * TSP\_tol / 100)$	s	waiting for RLC
T2min	$TSP\_T2 - (TSP\_T2 * TSP\_tol / 100)$	s	waiting for RES (user)
T2max	$TSP\_T2 + (TSP\_T2 * TSP\_tol / 100)$	s	waiting for RES (user)
T3min	$TSP\_T3 - (TSP\_T3 * TSP\_tol / 100)$	s	overload control

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T3max	$TSP\_T3 + (TSP\_T3 * TSP\_tol / 100)$	s	overload control
T4min	$TSP\_T4 - (TSP\_T4 * TSP\_tol / 100)$	s	waiting for UPA
T4max	$TSP\_T4 + (TSP\_T4 * TSP\_tol / 100)$	s	waiting for UPA
T5min	$TSP\_T5 - (TSP\_T5 * TSP\_tol / 100)$	s	master waiting for RLC
T5max	$TSP\_T5 + (TSP\_T5 * TSP\_tol / 100)$	s	master waiting for RLC

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T6min	$TSP\_T6 - (TSP\_T6 * TSP\_tol / 100)$	s	waiting for RES (network)
T6max	$TSP\_T6 + (TSP\_T6 * TSP\_tol / 100)$	s	waiting for RES (network)
T7min	$TSP\_T7 - (TSP\_T7 * TSP\_tol / 100)$	s	waiting for ACM or CON
T7max	$TSP\_T7 + (TSP\_T7 * TSP\_tol / 100)$	s	waiting for ACM or CON
T8min	$TSP\_T8 - (TSP\_T8 * TSP\_tol / 100)$	s	waiting for COT

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T8max	$TSP\_T8 + (TSP\_T8 * TSP\_tol / 100)$	s	waiting for COT
T9min	$TSP\_T9 - (TSP\_T9 * TSP\_tol / 100)$	s	waiting for ANM
T9max	$TSP\_T9 + (TSP\_T9 * TSP\_tol / 100)$	s	waiting for ANM
T10min	$TSP\_T10 - (TSP\_T10 * TSP\_tol / 100)$	s	overlap control (last digit)
T10max	$TSP\_T10 + (TSP\_T10 * TSP\_tol / 100)$	s	overlap control (last digit)

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T11min	$TSP\_T11 - (TSP\_T1 \cdot TSP\_tol / 100)$	s	overlap control
T11max	$TSP\_T11 + (TSP\_T1 \cdot TSP\_tol / 100)$	s	overlap control
T12min	$TSP\_T12 - (TSP\_T1 \cdot TSP\_tol / 100)$	s	waiting for BLA
T12max	$TSP\_T12 + (TSP\_T1 \cdot TSP\_tol / 100)$	s	waiting for BLA

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T13min	$TSP\_T13 - (TSP\_T13 * TSP\_tol / 100)$	s	master waiting for BLA
T13max	$TSP\_T13 + (TSP\_T13 * TSP\_tol / 100)$	s	master waiting for BLA
T14min	$TSP\_T14 - (TSP\_T14 * TSP\_tol / 100)$	s	waiting for UBA
T14max	$TSP\_T14 + (TSP\_T14 * TSP\_tol / 100)$	s	waiting for UBA

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T15min	$TSP\_T15 - (TSP\_T15 * TSP\_tol / 100)$	s	master waiting for UBA
T15max	$TSP\_T15 + (TSP\_T15 * TSP\_tol / 100)$	s	master waiting for UBA
T16min	$TSP\_T16 - (TSP\_T16 * TSP\_tol / 100)$	s	waiting for RLC
T16max	$TSP\_T16 + (TSP\_T16 * TSP\_tol / 100)$	s	waiting for RLC

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T17min	$TSP\_T17 - (TSP\_T17 * TSP\_tol / 100)$	s	master waiting for RLC
T17max	$TSP\_T17 + (TSP\_T17 * TSP\_tol / 100)$	s	master waiting for RLC
T18min	$TSP\_T18 - (TSP\_T18 * TSP\_tol / 100)$	s	waiting for CGBA
T18max	$TSP\_T18 + (TSP\_T18 * TSP\_tol / 100)$	s	waiting for CGBA

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T19min	$TSP\_T19 - (TSP\_T19 * TSP\_tol / 100)$	s	master waiting for CGBA
T19max	$TSP\_T19 + (TSP\_T19 * TSP\_tol / 100)$	s	master waiting for CGBA
T20min	$TSP\_T20 - (TSP\_T20 * TSP\_tol / 100)$	s	waiting for CGUA
T20max	$TSP\_T20 + (TSP\_T20 * TSP\_tol / 100)$	s	waiting for CGUA

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T21min	$TSP\_T21 - (TSP\_T21 * TSP\_tol / 100)$	s	master waiting for CGUA
T21max	$TSP\_T21 + (TSP\_T21 * TSP\_tol / 100)$	s	master waiting for CGUA
T22min	$TSP\_T22 - (TSP\_T22 * TSP\_tol / 100)$	s	waiting for GRA
T22max	$TSP\_T22 + (TSP\_T22 * TSP\_tol / 100)$	s	waiting for GRA

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T23min	$TSP\_T23 - (TSP\_T23 * TSP\_tol / 100)$	s	master waiting for GRA
T23max	$TSP\_T23 + (TSP\_T23 * TSP\_tol / 100)$	s	master waiting for GRA
T24min	$TSP\_T24 - (TSP\_T24 * TSP\_tol / 100)$	s	successful continuity check control
T24max	$TSP\_T24 + (TSP\_T24 * TSP\_tol / 100)$	s	successful continuity check control

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T25min	$TSP\_T25 - (TSP\_T25 * TSP\_tol / 100)$	s	failed continuity check control
T25max	$TSP\_T25 + (TSP\_T25 * TSP\_tol / 100)$	s	failed continuity check control
T26min	$TSP\_T26 - (TSP\_T26 * TSP\_tol / 100)$	s	master failed continuity check control
T26max	$TSP\_T26 + (TSP\_T26 * TSP\_tol / 100)$	s	master failed continuity check control

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T27min	$TSP\_T27 - (TSP\_T27 * TSP\_tol / 100)$	s	waiting for CCR
T27max	$TSP\_T27 + (TSP\_T27 * TSP\_tol / 100)$	s	waiting for CCR
T28min	$TSP\_T28 - (TSP\_T28 * TSP\_tol / 100)$	s	waiting for CQR
T28max	$TSP\_T28 + (TSP\_T28 * TSP\_tol / 100)$	s	waiting for CQR

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T29min	$TSP\_T29 - (TSP\_T29 * TSP\_tol / 100)$	s	congestion control
T29max	$TSP\_T29 + (TSP\_T29 * TSP\_tol / 100)$	s	congestion control
T30min	$TSP\_T30 - (TSP\_T30 * TSP\_tol / 100)$	s	master congestion control
T30max	$TSP\_T30 + (TSP\_T30 * TSP\_tol / 100)$	s	master congestion control

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T31min	TSP_T31 – (TSP_T3 1 * TSP_tol / 100)	s	connection oriented SCCP control
T31max	TSP_T31 + (TSP_T3 1 * TSP_tol / 100)	s	connection oriented SCCP control
T32min	TSP_T32 – (TSP_T3 2 * TSP_tol / 100)	s	end-to-end connection control
T32max	TSP_T32 + (TSP_T3 2 * TSP_tol / 100)	s	end-to-end connection control

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T33min	$TSP\_T33 - (TSP\_T33 * TSP\_tol / 100)$	s	waiting for INF
T33max	$TSP\_T33 + (TSP\_T33 * TSP\_tol / 100)$	s	waiting for INF
T34min	$TSP\_T34 - (TSP\_T34 * TSP\_tol / 100)$	s	waiting for SGM
T34max	$TSP\_T34 + (TSP\_T34 * TSP\_tol / 100)$	s	waiting for SGM

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T35min	$TSP\_T35 - (TSP\_T35 * TSP\_tol / 100)$	s	waiting for ST (end-of-pulsing)
T35max	$TSP\_T35 + (TSP\_T35 * TSP\_tol / 100)$	s	waiting for ST (end-of-pulsing)
T36min	$TSP\_T36 - (TSP\_T36 * TSP\_tol / 100)$	s	waiting for COT or REL
T36max	$TSP\_T36 + (TSP\_T36 * TSP\_tol / 100)$	s	waiting for COT or REL

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T37min	$TSP\_T37 - (TSP\_T37 * TSP\_tol / 100)$	s	echo control devices control
T37max	$TSP\_T37 + (TSP\_T37 * TSP\_tol / 100)$	s	echo control devices control
T38min	$TSP\_T38 - (TSP\_T38 * TSP\_tol / 100)$	s	waiting for RES (network) or REL
T38max	$TSP\_T38 + (TSP\_T38 * TSP\_tol / 100)$	s	waiting for RES (network) or REL

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T39min	$TSP\_T39 - (TSP\_T39 * TSP\_tol / 100)$	s	waiting for IDS
T39max	$TSP\_T39 + (TSP\_T39 * TSP\_tol / 100)$	s	waiting for IDS
T_WAIT	TSP_T_WAIT	s	local timer
Twait_less_T8	$TSP\_T8 - (TSP\_T8 * TSP\_tol / 100)$	s	local timer
Twait_less_T24	$TSP\_T24 - (TSP\_T24 * TSP\_tol / 100)$	s	local timer
T_GUARD	TSP_T_GUARD	s	Guard timer for default step to prevent hanging of a test case

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T_GUARD_4	TSP_T_GUARD + TSP_T4 + (TSP_T4 * TSP_tol / 100)	s	Guard timer plus value of T4
T_GUARD_7	TSP_T_GUARD + TSP_T7 + (TSP_T7 * TSP_tol / 100)	s	Guard timer plus value of T7
T_GUARD_9	TSP_T_GUARD + TSP_T9 + (TSP_T9 * TSP_tol / 100)	s	Guard timer plus value of T9
T_GUARD_5	TSP_T_GUARD + TSP_T5 + (TSP_T5 * TSP_tol / 100)	s	Guard timer plus value of T5

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T_GUARD_6	TSP_T_GUARD + TSP_T6 + (TSP_T6 * TSP_tol / 100)	s	Guard timer plus value of T6
T_GUARD_8	TSP_T_GUARD + TSP_T8 + (TSP_T8 * TSP_tol / 100)	s	Guard timer plus value of T8
T_GUARD_13	TSP_T_GUARD + 2 * TSP_T13 + (TSP_T13 * TSP_tol / 100)	s	Guard timer plus value of 2 * T13

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T_GUARD_15	TSP_T_GUARD + 2 * TSP_T15 + (TSP_T1 5 * TSP_tol / 100)	s	Guard timer plus value of 2 * T15
T_GUARD_17	TSP_T_GUARD + 2 * TSP_T17 + (TSP_T1 7 * TSP_tol / 100)	s	Guard timer plus value of 2 * T17
T_GUARD_19	TSP_T_GUARD + 2 * TSP_T19 + (TSP_T1 9 * TSP_tol / 100)	s	Guard timer plus value of 2 * T19

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T_GUARD_21	TSP_T_GUARD + 2 * TSP_T21 + (TSP_T2 1 * TSP_tol / 100)	s	Guard timer plus value of 2 * T21
T_GUARD_23	TSP_T_GUARD + 2 * TSP_T23 + (TSP_T2 3 * TSP_tol / 100)	s	Guard timer plus value of 2 * T23
T_GUARD_24	TSP_T_GUARD + TSP_T24 + (TSP_T2 4 * TSP_tol / 100)	s	Guard timer plus value of T24

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T_GUARD_25	TSP_T_GUARD + TSP_T25 + (TSP_T25 * TSP_tol / 100)	s	Guard timer plus value of T25
T_GUARD_26	TSP_T_GUARD + TSP_T26 + (TSP_T26 * TSP_tol / 100)	s	Guard timer plus value of T26
T_GUARD_27	TSP_T_GUARD + TSP_T27 + (TSP_T27 * TSP_tol / 100)	s	Guard timer plus value of T27

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Timer Declarations			
Timer Name	Duration	Unit	Comments
T_GUARD_34	TSP_T_GUARD + TSP_T34 + (TSP_T34 * TSP_tol / 100)	s	Guard timer plus value of T34
T_DELAY	TSP_T_DELAY	s	Timer for short delays (recommended range: 1..5 s)
T_AC	32	s	any LT is waiting for IUT initiated test event (2) (timer used for test synchronisation)
TNOAC	2	s	any LT is controlling IUT inactivity (timer used for test synchronisation)
<b>Detailed Comments :</b>			

Test Component Declarations				
Component Name	Component Role	Nr PCOs	Nr CPs	Comments
ISUP_MTC	MTC	3	2	Master test component. Also used to observe IUT on the right side – ISUP
I_PTC	PTC	2	1	Paralell test component. Used to observe the IUT on the left side – ISUP
A_PTC	PTC	2	1	Paralell test component. Used to observe the IUT on the left side – Access
T_PTC	PTC	1	0	Paralell test component. Used to observe the IUT on the left side for Non-ISUP – e.g.TUP, R2
O_PTC	PTC	1	0	Paralell test component. Used to observe the gateway IUT on from the (assistance) Operator point of view
Detailed Comments :				

Test Components Configuration Declaration			
<b>Configuration Name :</b> Default <b>Comments :</b> This has significance only for gateways. In the Default configuration the set up direction of the call is from the PTC (SPC) to the MTC (SPB).			
Components Used	PCOs Used	CPs Used	Comments
ISUP_MTC	LAB, CAB, MNT	I_CP, A_CP	ISUP signalling, ISUP circuit, Maintenance
I_PTC	LAC, CAC	I_CP	ISUP signalling, ISUP circuit
A_PTC	ACH, APH	A_CP	access signalling, access circuit
T_PTC	TAC		non-ISUP signalling
O_PTC	OPR		operator
<b>Detailed Comments :</b> For OutIE the left PTC controls the signalling link in the national network and the right MTC controls the signalling link in the international network. For IncIE the left PTC controls the signalling link in the international network and the right MTC controls the signalling link in the national network.			

Test Components Configuration Declaration			
<b>Configuration Name :</b> Reversed <b>Comments :</b> This has significance only for gateways. In the Reversed configuration the set up direction of the call is from the MTC (SPB) to the PTC (SPC).			
Components Used	PCOs Used	CPs Used	Comments
ISUP_MTC	LAB, CAB, MNT	I_CP, A_CP	ISUP signalling, ISUP circuit, Maintenance
I_PTC	LAC, CAC	I_CP	ISUP signalling, ISUP circuit
A_PTC	ACH, APH	A_CP	access signalling, access circuit
T_PTC	TAC		non-ISUP signalling
O_PTC	OPR		operator
<b>Detailed Comments :</b> For OutIE the left PTC controls the signalling link in the international network and the right MTC controls the signalling link in the national network. For IncIE the left PTC controls the signalling link in the national network and the right MTC controls the signalling link in the international network. For this configuration a specific (swapped) set of PIXIT settings related to the position of the national/international network is required.			

ASP Type Definition		
<b>ASP Name</b> : ACM_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet ACM	ISDN User Part ISUP signalling message: ACM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : ANM_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet ANM	ISDN User Part ISUP signalling message: ANM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : BLO_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet BLO	ISDN User Part ISUP signalling message: BLO
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : BLA_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet BLA	ISDN User Part ISUP signalling message: BLA
<b>Detailed Comments</b> :		



ASP Type Definition		
<b>ASP Name</b> : CPG_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CPG	ISDN User Part ISUP signalling message: CPG
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CGB_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CGB	ISDN User Part ISUP signalling message: CGB
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CGBA_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CGBA	ISDN User Part ISUP signalling message: CGBA
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : GRS_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet GRS	ISDN User Part ISUP signalling message: GRS
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : GRA_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet GRA	ISDN User Part ISUP signalling message: GRA
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CGU_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CGU	ISDN User Part ISUP signalling message: CGU
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name :</b> CGUA_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type :</b> ISUP_PCO		
<b>Comments :</b> MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CGUA	ISDN User Part ISUP signalling message: CGUA
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> CON_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type :</b> ISUP_PCO		
<b>Comments :</b> MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CON	ISDN User Part ISUP signalling message: CON
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name</b> : COT_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet COT	ISDN User Part ISUP signalling message: COT
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CFN_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CFN	ISDN User Part ISUP signalling message: CFN
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CCR_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CCR	ISDN User Part ISUP signalling message: CCR
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : FOT_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet FOT	ISDN User Part ISUP signalling message: FOT
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : IAM_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet IAM	ISDN User Part ISUP signalling message: IAM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : REL_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet REL	ISDN User Part ISUP signalling message: REL
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : RLC_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet RLC	ISDN User Part ISUP signalling message: RLC
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : RSC_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet RSC	ISDN User Part ISUP signalling message: RSC
<b>Detailed Comments</b> :		



ASP Type Definition		
<b>ASP Name</b> : RES_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet RES	ISDN User Part ISUP signalling message: RES
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : SAM_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet SAM	ISDN User Part ISUP signalling message: SAM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : SUS_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet SUS	ISDN User Part ISUP signalling message: SUS
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : UBL_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet UBL	ISDN User Part ISUP signalling message: UBL
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : UBA_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet UBA	ISDN User Part ISUP signalling message: UBA
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : UPA_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet UPA	ISDN User Part ISUP signalling message: UPA
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : UPT_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet UPT	ISDN User Part ISUP signalling message: UPT
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : SGM_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet SGM	ISDN User Part ISUP signalling message: SGM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : MXX_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet MXX	ISDN User Part ISUP signalling message: MXX
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : NRM_TRANSFER_IND (MTP_TRANSFER_Indication) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet NRM	ISDN User Part ISUP signalling message: NRM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : ACM_TRANSFER_REQ (MTP_TRANSFER_Request) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet ACM	ISDN User Part ISUP signalling message: ACM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : ANM_TRANSFER_REQ (MTP_TRANSFER_Request) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet ANM	ISDN User Part ISUP signalling message: ANM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : BLO_TRANSFER_REQ (MTP_TRANSFER_Request) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet BLO	ISDN User Part ISUP signalling message: BLO
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : BLA_TRANSFER_REQ (MTP_TRANSFER_Request) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet BLA	ISDN User Part ISUP signalling message: BLA
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CPG_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CPG	ISDN User Part ISUP signalling message: CPG
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CGB_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CGB	ISDN User Part ISUP signalling message: CGB
<b>Detailed Comments</b> :		



ASP Type Definition		
<b>ASP Name</b> : CGBA_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CGBA	ISDN User Part ISUP signalling message: CGBA
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : GRS_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet GRS	ISDN User Part ISUP signalling message: GRS
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : GRA_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet GRA	ISDN User Part ISUP signalling message: GRA
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CGU_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CGU	ISDN User Part ISUP signalling message: CGU
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CGUA_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CGUA	ISDN User Part ISUP signalling message: CGUA
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CON_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CON	ISDN User Part ISUP signalling message: CON
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : COT_TRANSFER_REQ (MTP_TRANSFER_Request) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet COT	ISDN User Part ISUP signalling message: COT
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CFN_TRANSFER_REQ (MTP_TRANSFER_Request) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CFN	ISDN User Part ISUP signalling message: CFN
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : CCR_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet CCR	ISDN User Part ISUP signalling message: CCR
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : FOT_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet FOT	ISDN User Part ISUP signalling message: FOT
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : IAM_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet IAM	ISDN User Part ISUP signalling message: IAM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : NRM_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet NRM	ISDN User Part ISUP signalling message: NRM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : REL_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet REL	ISDN User Part ISUP signalling message: REL
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : RLC_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet RLC	ISDN User Part ISUP signalling message: RLC
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : RSC_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet RSC	ISDN User Part ISUP signalling message: RSC
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : RES_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet RES	ISDN User Part ISUP signalling message: RES
<b>Detailed Comments</b> :		



ASP Type Definition		
<b>ASP Name</b> : SAM_TRANSFER_REQ (MTP_TRANSFER_Request) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet SAM	ISDN User Part ISUP signalling message: SAM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : SUS_TRANSFER_REQ (MTP_TRANSFER_Request) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet SUS	ISDN User Part ISUP signalling message: SUS
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : UBL_TRANSFER_REQ (MTP_TRANSFER_Request) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet UBL	ISDN User Part ISUP signalling message: UBL
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : UBA_TRANSFER_REQ (MTP_TRANSFER_Request) <b>PCO Type</b> : ISUP_PCO <b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet UBA	ISDN User Part ISUP signalling message: UBA
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : UPA_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet UPA	ISDN User Part ISUP signalling message: UPA
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : UPT_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet UPT	ISDN User Part ISUP signalling message: UPT
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : SGM_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet SGM	ISDN User Part ISUP signalling message: SGM
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : MXX_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : ISUP_PCO		
<b>Comments</b> : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
<-- isup_pdu	service_information_octet MXX	ISDN User Part ISUP signalling message: MXX
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : Non_ISUP_IND <b>PCO Type</b> : Non_ISUP_PCO <b>Comments</b> : ASP for receiving TUP messages		
Parameter Name	Parameter Type	Comments
non_isup_pdu	PrintableString	Non-ISUP signalling message (e.g. TUP, R2)
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : Non_ISUP_REQ <b>PCO Type</b> : Non_ISUP_PCO <b>Comments</b> : ASP for sending TUP messages		
Parameter Name	Parameter Type	Comments
non_isup_pdu	PrintableString	Non-ISUP signalling message (e.g. TUP, R2)
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : TUP_TRANSFER_IND (MTP_TRANSFER_Indication)		
<b>PCO Type</b> : Non_ISUP_PCO		
<b>Comments</b> : MTP ASP for receiving TUP messages		
Parameter Name	Parameter Type	Comments
<-- tup_pdu	service_information_octet PDU	User Part Signalling message
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : TUP_TRANSFER_REQ (MTP_TRANSFER_Request)		
<b>PCO Type</b> : Non_ISUP_PCO		
<b>Comments</b> : MTP ASP for sending TUP messages		
Parameter Name	Parameter Type	Comments
<-- tup_pdu	service_information_octet PDU	User Part Signalling message
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name :</b> TONE_IND <b>PCO Type :</b> CIRCUIT_PCO <b>Comments :</b>		
Parameter Name	Parameter Type	Comments
CIC	BIT_12	m
Tone_Type	PrintableString	m
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> TONE_REQ <b>PCO Type :</b> CIRCUIT_PCO <b>Comments :</b>		
Parameter Name	Parameter Type	Comments
CIC	BIT_12	m
Tone_Type	PrintableString	m
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> ACCESS_TONE_IND		
<b>PCO Type :</b> CHANNEL_PCO		
<b>Comments :</b>		
Parameter Name	Parameter Type	Comments
Tone_Type	PrintableString	m
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> ACCESS_TONE_REQ		
<b>PCO Type :</b> CHANNEL_PCO		
<b>Comments :</b>		
Parameter Name	Parameter Type	Comments
Tone_Type	PrintableString	m
<b>Detailed Comments :</b>		



ASP Type Definition		
<b>ASP Name :</b> MNT_REQ <b>PCO Type :</b> MAINT_PCO <b>Comments :</b>		
Parameter Name	Parameter Type	Comments
Action	PrintableString	m
CIC	BIT_12	o
Range	OCT_1	o
Status	OCT_1_32	o
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> MNT_IND <b>PCO Type :</b> MAINT_PCO <b>Comments :</b>		
Parameter Name	Parameter Type	Comments
Action	PrintableString	m
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> ACTION_INBOX		
<b>PCO Type :</b> Operator_PCO		
<b>Comments :</b>		
Parameter Name	Parameter Type	Comments
CIC	BIT_12	m
Job_description	PrintableString	m
CIC_switch_to	BIT_12	o
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> ACTION_OUTBOX		
<b>PCO Type :</b> Operator_PCO		
<b>Comments :</b>		
Parameter Name	Parameter Type	Comments
CIC	BIT_12	m
Job_description	PrintableString	m
CIC_switch_to	BIT_12	o
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_EST_CO (DL_ESTABLISH_CONFIRM)		
<b>PCO Type :</b> ACCESS_PCO		
<b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to confirm the establishment of multiple frame operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_EST_IN (DL_ESTABLISH_INDICATION)		
<b>PCO Type :</b> ACCESS_PCO		
<b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the establishment of multiple frame operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_EST_RQ (DL_ESTABLISH_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the establishment of multiple frame operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_REL_CO (DL_RELEASE_CONFIRM) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to confirm the termination of an established multiple frame operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_REL_IN (DL_RELEASE_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the termination of an established multiple frame operation or to report an unsuccessful establishment attempt (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_REL_RQ (DL_RELEASE_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the termination of an established multiple frame operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_ALERT (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	ALERT_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_CALL_PROC (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	CALL_PROC_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_CONN (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	CONN_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_CONN_ACK (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	CONN_ACK_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		



ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_DISC (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	DISC_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_FAC (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	FAC_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_INF (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	INFO_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_REL (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	REL_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_REL_COM (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	REL_COM_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_RESTART_ACK (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	RESTART_ACK_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_SETUP (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	SETUP_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_UI (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	UI_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_SETUP_ACK (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	SETUP_ACK_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_STATUS (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	STATUS_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_RQ_ST_ENQ (DL_DATA_REQUEST) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to request the transmission of layer 3 pdus using acknowledged operation (L3 ----> L2)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	ST_ENQ_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_ALERTr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	ALERT_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_CALL_PROCr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	CALL_PROC_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_CONNr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	CONN_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_CONN_ACKr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	CONN_ACK_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_DISCr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	DISC_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		



ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_FACr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	FAC_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N12		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_INFOr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	INFO_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_NOTIFYr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	NOTIFY_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_PROGr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	PROG_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_RELr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	REL_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_REL_COMr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	REL_COM_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_RESr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	RESUME_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_RES_ACKr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	RESUME_ACK_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_RES_REJr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	RESUME_REJ_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_RESTARTr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	RESTART_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_SUSr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	SUSPEND_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_SUS_ACKr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	SUSPEND_ACK_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_SUS_REJr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	SUSPEND_REJ_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_UDAT_IN_SETUPr (DL_UNIT_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto broadcast data link (TEI=127). ASP is used to indicate the receipt of layer 3 pdus using unacknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	SETUP_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b>		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_SETUPr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	SETUP_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_SETUP_ACKr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	SETUP_ACK_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		



ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_STATUSr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	STATUS_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_ST_ENQr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCI: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	ST_ENQ_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b> &COMMON_N10		

ASP Type Definition		
<b>ASP Name :</b> DL_DAT_IN_UIr (DL_DATA_INDICATION) <b>PCO Type :</b> ACCESS_PCO <b>Comments :</b> CEId: = (ACCESS_PCOI,CES) mapped onto DLCl: = (ACCESS_PCOI,TEI) ASP is used to indicate the receipt of layer 3 pdus using acknowledged operation (L2 ----> L3)		
Parameter Name	Parameter Type	Comments
mun (Message Unit)	UI_PDU	contains network layer (peer-to-peer message) pdu. Acknowledged operation used.
<b>Detailed Comments :</b>		

PDU Type Definition			
<b>PDU Name</b> : ACM <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Address complete (TABLE 21 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
BCI	backward_call_indicators		m
opt_part_ptr	pointer		m
OBCI	optional_backward_call_indicators		o
CRef	call_reference		o @
Cause	cause_indicators		o
UUInd	user_to_user_indicators		o
UUInf	user_to_user_information		o
ATP	access_transport		o
GenNot	generic_notification_indicator		o 1.
TMU	transmission_medium_used		o
EchoInf	echo_control_information		o
ADInf	access_delivery_information		o
RnNb	redirection_number		o
ParCmp	parameter_compatibility_information		o

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PDU Type Definition			
Field Name	Field Type	Field Encoding	Comments
CDInf	call_diversion_information		o
NtwFac	network_specific_facility		o @
RemOp	remote_operations		o @
ServAct	service_activation		o @
RnNbRes	redirection_number_restriction		o
ConTrInd	conference_treatment_indicators		o
UIDAcInd	UID_action_indicators		o
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments :</b> 1. This parameter could be included several times. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			

PDU Type Definition			
<b>PDU Name</b> : ANM <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Answer (TABLE 22 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
opt_part_ptr	pointer		m
BCI	backward_call_indicators		o
OBCI	optional_backward_call_indicators		o
CRef	call_reference		o @
UUInd	user_to_user_indicators		o
UUInf	user_to_user_information		o
ConNb	connected_number		o
ATP	access_transport		o
ADInf	access_delivery_information		o
GenNot	generic_notification_indicator		o 1.
ParCmp	parameter_compatibility_information		o
BGVNS	backward_GVNS		o
CHInf	call_history_information		o
GenNb	generic_number		o 1.

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PDU Type Definition			
Field Name	Field Type	Field Encoding	Comments
TMU	transmission_medium_used		o
NtwFac	network_specific_facility		o @
RemOp	remote_operations		o @
RnNb	redirection_number		o
ServAct	service_activation		o @
EchoInf	echo_control_information		o
RnNbRes	redirection_number_restriction		o
DisInf	display_information		o
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments :</b> 1. This parameter could be repeated. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			

PDU Type Definition				
<b>PDU Name</b> : CPG <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Call progress (TABLE 23 / Q.763)				
Field Name	Field Type	Field Encoding	Comments	
<--	routing_label		m	
<--	circuit_identification_code		m	
MType	message_type		m	
EvInf	event_information		m	
opt_part_ptr	pointer		m	
Cause	cause_indicators		o	
CRef	call_reference		o @	
BCI	backward_call_indicators		o	
OBCI	optional_backward_call_indicator s		o	
ATP	access_transport		o	
UUInd	user_to_user_indicators		o	
RnNb	redirection_number		o	
UUInf	user_to_user_information		o	
GenNot	generic_notification_indicator		o 1.	
NtwFac	network_specific_facility		o @	
RemOp	remote_operations		o @	
TMU	transmission_medium_used		o	
ADInf	access_delivery_information		o	

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PDU Type Definition			
Field Name	Field Type	Field Encoding	Comments
ParCmp	parameter_compatibility_information		o
CDInf	call_diversion_information		o
ServAct	service_activation		o @
RnNbRes	redirection_number_restriction		o
CTNb	call_transfer_number		o
EchoInf	echo_control_information		o
ConNb	connected_number		o
BGVNS	backward_GVNS		o
GenNb	generic_number		o 1.
CHInf	call_history_information		o
ConTrInd	conference_treatment_indicators		o
UIDAcInd	UID_action_indicators		o
Unknown	unknown_parameter		o
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments :</b> 1. This parameter could be repeatet. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			



PDU Type Definition			
<b>PDU Name</b> : GRA <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Circuit group reset acknowledgement (TABLE 25 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
var_part_ptr	pointer		m
RngSts	range_and_status		v
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : CFN <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Confusion (TABLE 26 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
var_part_ptr	pointer		m
opt_part_ptr	pointer		m
Cause	cause_indicators		v
Unknown	unknown_parameter		o
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : CON <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect (TABLE 27 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
BCI	backward_call_indicators		m
opt_part_ptr	pointer		m
OBCI	optional_backward_call_indicators		o
ConNb	connected_number		o
CRef	call_reference		o @
UUInd	user_to_user_indicators		o
UUInf	user_to_user_information		o
ATP	access_transport		o
NtwFac	network_specific_facility		o @
GenNot	generic_notification_indicator		o 1.
RemOp	remote_operations		o @
TMU	transmission_medium_used		o
EchoInf	echo_control_information		o
ADInf	access_delivery_information		o
CHInf	call_history_information		o

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PDU Type Definition			
Field Name	Field Type	Field Encoding	Comments
ParCmp	parameter_compatibility_information		
RnNb	redirection_number		o 2.
ServAct	service_activation		o @
GenNb	generic_number		o 1.
RnNbRes	redirection_number_restriction		o
ConTrInd	conference_treatment_indicators		o
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments :</b> 1. This parameter could be in Note: The order of the optional parameters (o) can be arbitrary.cluded several times. @ For national use only 2. This parameter is not valid in ISUP '97 but remains for backward compatibility of test suite.			

PDU Type Definition			
<b>PDU Name</b> : COT			
<b>PCO Type</b> : ISUP_PCO			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Continuity (TABLE 28 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
ContInd	continuity_indicators		m
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : IAM <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Initial address message (TABLE 32 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
NatCon	nature_of_connection_indicators		m
FCI	forward_call_indicators		m
CgPC	calling_partys_category		m
TMR	transmission_medium_requirement		m
var_part_ptr	pointer		m
opt_part_ptr	pointer		m
CdPN	called_party_number		v
TNtwSel	transit_network_selection		o @
CRef	call_reference		o @
CgPN	calling_party_number		o
OFCl	optional_forward_call_indicators		o
RgNb	redirecting_number		o
RnInf	redirection_information		o
CUGIC	closed_user_group_interlock_code		o

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PDU Type Definition			
Field Name	Field Type	Field Encoding	Comments
ConRq	connection_request		o
OriCdNb	original_called_number		o
UUInf	user_to_user_information		o
ATP	access_transport		o
USI	user_service_information		o
UUInd	user_to_user_indicators		o
GenNb	generic_number		o 1.
PDC	propagation_delay_counter		o
USIp	user_service_information_prime		o
NtwFac	network_specific_facility		o @
GenDig	generic_digits		o @ 1.
OriISC	origination_ISC_point_code		o
UTI	user_teleservice_information		o
RemOp	remote_operations		o @
ParCmp	parameter_compatibility_information		o
GenNot	generic_notification_indicator		o 1.
ServAct	service_activation		o @
GenRef	generic_reference		o
MLPPpre	MLPP_precedence		o
TMRp	transmission_medium_requirement_prime		o
LocNb	location_number		o

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PDU Type Definition				
Field Name	Field Type	Field Encoding	Comments	
ForGVNS	forward_GVNS		o	
CCSS	call_completion_supplementary_service		o	
NetManCon	network_management_controls		o	
CctAssMap	circuit_assignment_map		o	
CorrID	correlation_id		o	
CDivTrInd	call_diversion_treatment_indicator		o	
CdINnum	called_IN_number		o	
COffTrInd	call_offering_treatment_indicators		o	
ConfTrInd	conference_treatment_indicators		o	
SCFid	SCF_id		o	
UIDcapInd	UID_capability_indicators		o	
EchoInf	echo_control_information		o	
HopCnt	hop_counter		o	
ColCReq	collect_call_request		o	
Unknown	unknown_parameter		o	
EndOP	end_of_optional_parameters_indicator		o	
<b>Detailed Comments :</b> 1. This parameter could be included several times. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.				



PDU Type Definition			
<b>PDU Name</b> : PRI <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Pre-Release (TABLE 32A / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<-	routing_label		m
<-	circuit_identification_code		m
MType	message_type		m
var_part_ptr	pointer		m
opt_part_ptr	pointer		m
OBCI	optional_backward_call_indicators		o 1.
OFCI	optional_forward_call_indicators		o 1.
ParCmp	parameter_compatibility_information		o
MCI	message_compatibility_information		o
Unknown	unknown_parameter		o
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments</b> : @ For national use only Note: The order of the optional parameters (o) can be arbitrary. 1. Parameter to allow for segmentation – MUTUALLY EXCLUSIVE.			

PDU Type Definition			
<b>PDU Name</b> : REL <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Release (TABLE 33 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
var_part_ptr	pointer		m
opt_part_ptr	pointer		m
Cause	cause_indicators		v
RnInf	redirection_information		o @
RnNb	redirection_number		o @
ATP	access_transport		o
SPC	signalling_point_code		o @
UUInf	user_to_user_information		o
ACL	automatic_congestion_level		o
NtwFac	network_specific_facility		o @
ADInf	access_delivery_information		o
ParCmp	parameter_compatibility_information		o
RnNbRes	redirection_number_restriction		o 1.
UUInd	user_to_user_indicators		o
DisInf	display_information		o

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PDU Type Definition			
Field Name	Field Type	Field Encoding	Comments
Unknown	unknown_parameter		o
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments :</b> @ For national use only Note: The order of the optional parameters (o) can be arbitrary. 1. This parameter is not valid in ISUP '97 but remains for backward compatibility of test suite.			

PDU Type Definition			
<b>PDU Name</b> : RLC <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Release complete (TABLE 34 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
opt_part_ptr	pointer		m
Cause	cause_indicators		o
Unknown	unknown_parameter		o
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : SAM <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Subsequent address (TABLE 35 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
var_part_ptr	pointer		m
opt_part_ptr	pointer		m
SubNb	subsequent_number		v
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : USR <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : User-to-user information (TABLE 36 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
var_part_ptr	pointer		m
opt_part_ptr	pointer		m
UUInf	user_to_user_information		v
ATP	access_transport		o
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : FOT <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Forward transfer (TABLE 37 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
opt_part_ptr	pointer		m
CRef	call_reference		o @
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments :</b> @ For national use only			

PDU Type Definition			
<b>PDU Name</b> : SUS <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Suspend (TABLE 38 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
SusRes	suspend_resume_indicators		m
opt_part_ptr	pointer		m
CRef	call_reference		o @
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments</b> : @ For national use only			



PDU Type Definition			
<b>PDU Name</b> : RES <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Resume (TABLE 38 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
SusRes	suspend_resume_indicators		m
opt_part_ptr	pointer		m
CRef	call_reference		o @
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments</b> : @ For national use only			

PDU Type Definition			
<b>PDU Name</b> : BLO <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Blocking (TABLE 39 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : BLA <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Blocking acknowledgement (TABLE 39 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : CCR <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Continuity check request (TABLE 39 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : RSC <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : reset circuit (TABLE 39 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : UBL <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Unblocking (TABLE 39 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : UBA <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Unblocking acknowledgement (TABLE 39 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : CGB <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Circuit group blocking (TABLE 40 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
CICGrp	circuit_group_supervision_message_type_indicator		m
var_part_ptr	pointer		m
RngSts	range_and_status		v
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : CGBA <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Circuit group blocking acknowledgement (TABLE 40 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
CICGrp	circuit_group_supervision_message_type_indicator		m
var_part_ptr	pointer		m
RngSts	range_and_status		v
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : CGU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Circuit group unblocking (TABLE 40 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
CICGrp	circuit_group_supervision_message_type_indicator		m
var_part_ptr	pointer		m
RngSts	range_and_status		v
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : CGUA <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Circuit group unblocking acknowledgement (TABLE 40 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
CICGrp	circuit_group_supervision_message_type_indicator		m
var_part_ptr	pointer		m
RngSts	range_and_status		v
<b>Detailed Comments :</b>			



PDU Type Definition			
<b>PDU Name</b> : GRS <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Circuit group reset (TABLE 41 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
var_part_ptr	pointer		m
RngSts	range_and_status		v
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : UPT <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : User part test (TABLE 44 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
opt_part_ptr	pointer		m
MsgCmp	message_compatibility_informatio n		o
EndOP	end_of_optional_parameters_indi cator		o
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : UPA <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : User part available (TABLE 44 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
opt_part_ptr	pointer		m
MsgCmp	message_compatibility_informatio n		o
EndOP	end_of_optional_parameters_indi cator		o
<b>Detailed Comments :</b>			

PDU Type Definition				
<b>PDU Name</b> : FRJ <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Facility reject (TABLE 29 / Q.763)				
Field Name	Field Type	Field Encoding	Comments	
<--	routing_label		m	
<--	circuit_identification_code		m	
MType	message_type		m	
FacIc	facility_indicator		m	
var_part_ptr	pointer		m	
opt_part_ptr	pointer		m	
Cause	cause_indicators		v	
UUInd	user_to_user_indicators		o	
EndOP	end_of_optional_parameters_indicator		o	
<b>Detailed Comments :</b>				

PDU Type Definition				
<b>PDU Name</b> : FAA <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Facility accepted (TABLE 42 / Q.763)				
Field Name	Field Type	Field Encoding	Comments	
<--	routing_label		m	
<--	circuit_identification_code		m	
MType	message_type		m	
FacIc	facility_indicator		m	
opt_part_ptr	pointer		m	
UUInd	user_to_user_indicators		o	
CRef	call_reference		o @	
ConRq	connection_request		o	
ParCmp	parameter_compatibility_information		o	
EndOP	end_of_optional_parameters_indicator		o	
<b>Detailed Comments</b> : @ For national use only Note: The order of the optional parameters (o) can be arbitrary.				

PDU Type Definition			
<b>PDU Name</b> : FAR <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Facility request (TABLE 42 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
FacIc	facility_indicator		m
opt_part_ptr	pointer		m
UUInd	user_to_user_indicators		o
CRef	call_reference		o @
ConRq	connection_request		o
ParCmp	parameter_compatibility_information		o
EndOP	end_of_optional_parameters_indicator		o
<b>Detailed Comments</b> : @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			

PDU Type Definition			
<b>PDU Name</b> : FAC <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Facility @ (TABLE 45 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
opt_part_ptr	pointer		m
MsgCmp	message_compatibility_informatio n		o
ParCmp	parameter_compatibility_informati on		o
RemOp	remote_operations		o @
CTNb	call_transfer_number		o ETSI –300 356–1
ATP	access_transport		o ETSI –300 356–1
GenNot	generic_notification_indicator		o ETSI –300 356–1
ServAct	service_activation		o
EndOP	end_of_optional_parameters_indi cator		o
<b>Detailed Comments</b> : @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			

PDU Type Definition				
<b>PDU Name</b> : NRM <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Network resource management (TABLE 46 / Q.763)				
Field Name	Field Type	Field Encoding	Comments	
<--	routing_label		m	
<--	circuit_identification_code		m	
MType	message_type		m	
opt_part_ptr	pointer		m	
MsgCmp	message_compatibility_informatio n		o	
ParCmp	parameter_compatibility_informati on		o	
EchoInf	echo_control_information		o	
EndOP	end_of_optional_parameters_indi cator		o	
<b>Detailed Comments</b> : Note: The order of the optional parameters (o) can be arbitrary. /45/ TJS				



PDU Type Definition				
<b>PDU Name</b> : SGM <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Segmentation (TABLE 49 / Q.763)				
Field Name	Field Type	Field Encoding	Comments	
<--	routing_label		m	
<--	circuit_identification_code		m	
MType	message_type		m	
opt_part_ptr	pointer		m	
ATP	access_transport		o	
UUInf	user_to_user_information		o	
MsgCmp	message_compatibility_information		o	
GenDig	generic_digits		o 1.	
GenNot	generic_notification_indicator		o 1.	
GenNb	generic_number		o 1.	
EndOP	end_of_optional_parameters_indicator		o	
<b>Detailed Comments</b> : 1. This parameter could be included several times. Note: The order of the optional parameters (o) can be arbitrary.				

PDU Type Definition				
<b>PDU Name</b> : LOP <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Loop prevention (TABLE 49A / ETS 300 356-1)				
Field Name	Field Type	Field Encoding	Comments	
<-	routing_label		m	
<-	circuit_identification_code		m	
MType	message_type		m	
opt_part_ptr	pointer		m	
LOPIc	loop_prevention_indicators		o	
CTRef	call_transfer_reference		o	
MsgCmp	message_compatibility_informatio n		o	
ParCmp	parameter_compatibility_informati on		o	
EndOP	end_of_optional_parameters_indi cator		o	
<b>Detailed Comments</b> : Note: The order of the optional parameters (o) can be arbitrary.				

PDU Type Definition			
<b>PDU Name</b> : MXX <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : unknown message			
Field Name	Field Type	Field Encoding	Comments
<--	routing_label		m
<--	circuit_identification_code		m
MType	message_type		m
opt_part_ptr	pointer		m
MsgCmp	message_compatibility_informatio n		o
EndOP	end_of_optional_parameters_indi cator		o
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : ALERT_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ALERTing u <--> n ETS 300 102-1 subclause 3.1.1			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
chi	CHI		channel identification C OCTETSTRING[2..5]
fie	FIES		facility O
pi	PI		progress indicator O OCTETSTRING[2..4]
noid	NOID		notification indicator M OCTETSTRING[3]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
ronn	RONN		redirection number (n ->u) O OCTETSTRING[2..24]
uui	UUI		user-user information O OCTETSTRING[2..131]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : CALL_PROC_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CALL PROCeeding u <--> n local ETS 300 102-1 subclause 3.1.2			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
chi	CHI		channel identification C OCTETSTRING[2..5]
fie	FIES		facility O
pi	PI		progress indicator O OCTETSTRING[2..4]
noid	NOID		notification indicator M OCTETSTRING[3]
dsp	DSP		display (n->u) O OCTETSTRING[2..34]
<b>Detailed Comments</b> : &COMMON_N12			

PDU Type Definition			
<b>PDU Name</b> : CONN_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CONNect u <-> n ETS 300 102-1 subclause 3.1.4			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
chi	CHI		channel identification C OCTETSTRING[2..5]
fie	FIES		facility O
pi	PI		progress indicator O OCTETSTRING[2..4]
noid	NOID		notification indicator M OCTETSTRING[3]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
dati	DATI		date/time (n->u) O OCTETSTRING [2..7]
codn	CODN		connected number O OCTETSTRING[2..24]
cods	CODS		connected subaddress O OCTETSTRING[2..23]

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PDU Type Definition			
Field Name	Field Type	Field Encoding	Comments
ronn	RONN		redirection number (n ->u) O OCTETSTRING[2..24]
llc	LLC		low layer compatib. O OCTETSTRING[2..16]
uui	UUI		user-user information O OCTETSTRING[2..131]
Detailed Comments : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : CONN_ACK_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CONNect ACKnowledge u <-> n local ETS 300 102-1 subclause 3.1.5			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
chi	CHI		channel identification C OCTETSTRING[2..5]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
<b>Detailed Comments</b> : &COMMON_N10			



PDU Type Definition			
<b>PDU Name</b> : DISC_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : DISConnect u <-> n ETS 300 102-1 subclause 3.1.6 /46/ TJS			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
cau	CAU		cause O OCTETSTRING[4..34]
fie	FIES		facility O
pi	PI		progress indicator O OCTETSTRING[2..4]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
uui	UUI		user-user information O OCTETSTRING[2..131]
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : FAC_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : FACility u <--> n ETS 300 196 subclause 11.1.1.1, 11.1.2.1, 11.1.3.1 /49/ TJS			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
fie	FIES		facility M
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
cdpn	CDPN		called party number O OCTETSTRING[2..23]
cdps	CDPS		called party subaddress O OCTETSTRING [2..23]
<b>Detailed Comments</b> : &COMMON_U09 CDPN and CDPS may only be included, if the dummy call reference is used.			

PDU Type Definition			
<b>PDU Name</b> : INFO_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : INFOrmation u <-> n local ETS 300 102-1 subclause 3.1.8			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING1..[3]
mt	MT		message type M
sci	SCI		sending complete information O
cau	CAU		cause O OCTETSTRING[4..34]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
kpf	KPF		keypad facility (n ->u) O OCTETSTRING [2..34]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : NOTIFY_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : NOTIFY u <-> n access ETS 300 102-1 subclause 3.1.9			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[3]
mt	MT		message type M
noid	NOID		notification indicator M OCTETSTRING[3]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
bcap	BCAP		bearer cap (n ->u) O
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : PROG_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : PROGress u <--> n ETS 300 102-1 subclause 3.1.10			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
cau	CAU		cause O OCTETSTRING[4..34]
fie	FIES		facility O
pi	PI		progress indicator M OCTETSTRING[2..4]
noid	NOID		notification indicator M OCTETSTRING[3]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
ronn	RONN		redirection number (n ->u) O OCTETSTRING[2..24]
uui	UUI		user-user information O OCTETSTRING[2..131]
<b>Detailed Comments</b> : &COMMON_N12			

PDU Type Definition			
<b>PDU Name</b> : REL_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : RELease u <-> n local ETS 300 102-1 subclause 3.1.11			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
cau	CAU		cause C OCTETSTRING[4..34]
fie	FIES		facility O
noid	NOID		notification indicator M OCTETSTRING[3]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
uui	UUI		user-user information O OCTETSTRING[2..131]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : REL_COM_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : RELease COMplete u <--> n local ETS 300 102-1 subclause 3.1.12			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
cau	CAU		cause C OCTETSTRING[4..34]
fie	FIES		facility O
noid	NOID		notification indicator M OCTETSTRING[3]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
uui	UUI		user-user info (u->n) O OCTETSTRING[2..131]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : RESTART_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : RESTART u <-> n local ETS 300 102-1 subclause 3.4.1			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[3]
mt	MT		message type M
chi	CHI		channel identification O OCTETSTRING[2..5]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
ri	RI		restart indicator O OCTETSTRING[3]
<b>Detailed Comments</b> : &COMMON_N10			



PDU Type Definition			
<b>PDU Name</b> : RESTART_ACK_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : RESTART ACKnowledge u <--> n local ETS 300 102-1 subclause 3.4.2			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[3]
mt	MT		message type M
chi	CHI		channel identification O OCTETSTRING[2..5]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
ri	RI		restart indicator O OCTETSTRING[3]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : RESUME_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : RESUME u -> n local ETS 300 102-1 subclause 3.1.13			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
cid	CID		call identity (u ->n) O OCTETSTRING[2..10]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : RESUME_ACK_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SUSPEND ACKNOWLEDGEMENT u <- n local ETS 300 102-1 subclause 3.1.21			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
chi	CHI		channel identification C OCTETSTRING[2..5]
dsp	DSP		display (n ->u) O OCTETSTRING[2..3]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : RESUME_REJ_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : RESUME REJECT u ← n local ETS 300 102-1 subclause 3.1.15			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
cau	CAU		cause M OCTETSTRING[4..32]
dsp	DSP		display (n → u) O OCTETSTRING[2..34]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : SETUP_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SETUP u <-> n ETS 300 102-1 subclause 3.1.16			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
sci	BITSTRING[8]		sending compl. infor. O
bcap	BCAP		bearer capab. n ->u M OCTETSTRING[4..13]
chi	CHI		channel identification C OCTETSTRING[2..5]
fie	FIES		facility O
pi	PI		progress indicator O OCTETSTRING[2..4]
nsf	NSF		net. specific facil. O OCTETSTRING [2..254]
noid	NOID		notification indicator M OCTETSTRING[3]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]

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PDU Type Definition			
Field Name	Field Type	Field Encoding	Comments
kpf	KPF		keypad facility n ->u O OCTETSTRING [2..34]
cgpn	CGPN		calling party number O OCTETSTRING [2..24]
cgps	CGPS		calling party subaddress O OCTETSTRING [2..23]
cdpn	CDPN		called party number O OCTETSTRING[2..23]
cdps	CDPS		called party subaddress O OCTETSTRING [2..23]
rngn	RNGN		redirecting number (n ->u) O OCTETSTRING[2..25]
tns	TNS		transit net. select. O OCTETSTRING [2..254]
llc	LLC		low layer compatib. O OCTETSTRING[2..16]
hlc	HLC		high layer compat. O OCTETSTRING[2..4]
uui	UUI		user-user information O OCTETSTRING[2..131]
<b>Detailed Comments : &amp;COMMON_N10</b>			

PDU Type Definition			
<b>PDU Name</b> : SETUP_ACK_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SETUP ACKnowledge u <--> n local ETS 300 102-1 subclause 3.1.17			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
chi	CHI		channel identification C OCTETSTRING[2..5]
fie	FIES		facility O
pi	PI		progress indicator O OCTETSTRING[2..4]
noid	NOID		notification indicator M OCTETSTRING[3]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : STATUS_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : STATUS u <--> n local ETS 300 102-1 subclause 3.1.18			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
cau	CAU		cause M OCTETSTRING[4..34]
cst	CST		call state M OCTETSTRING[3]
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
<b>Detailed Comments</b> : &COMMON_N10			



PDU Type Definition			
<b>PDU Name</b> : ST_ENQ_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SStatus_ENQuiry u <-> n local ETS 300 102-1 subclause 3.1.19			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : SUSPEND_ACK_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SUSPEND ACKNOWLEDGEMENT u <- n local ETS 300 102-1 subclause 3.1.21			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
dsp	DSP		display (n ->u) O OCTETSTRING[2..3]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : SUSPEND_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SUSPEND u -> n local ETS 300 102-1 subclause 3.1.20			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
cid	CID		call identity (u ->n) O OCTETSTRING[2..10]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : SUSPEND_REJ_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SUSPEND ACKNOWLEDGEMENT u <- n local ETS 300 102-1 subclause 3.1.21			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
cau	CAU		cause
dsp	DSP		display (n ->u) O OCTETSTRING[2..3]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition			
<b>PDU Name</b> : UI_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : User Information u <--> n local ETS 300 286-1 subclause 7.2.2			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
md	MD		More Data O
uui	UUI		user-user information O OCTETSTRING[2..131]
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : USER_INFO_PDU <b>PCO Type</b> : ACCESS_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : USER INFORMATION u <--> n local ETS 300 102-1 subclause 3.1.23			
Field Name	Field Type	Field Encoding	Comments
pd	PD		protocol discriminator M
cr	CR		call reference M OCTETSTRING[1..3]
mt	MT		message type M
md	BITSTRING[8]		more data O
uui	UUI		user user information (n<-->u) M OCTETSTRING[3....]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Type Definition				
<b>PDU Name</b> : tup_IAI <b>PCO Type</b> : Non_ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Initial Address Message with additional information				
Field Name	Field Type	Field Encoding	Comments	
RoutingLabel	tup_routing_label		m	
HeadingCode	BIT_8		m	
CgPC	tup_calling_partys_category		m	
MsgInds	tup_message_indicators_iax		m	
NumOfAddSigs	BIT_4		m	
AdSg	HEX_N		v	
Filler	HEX_1			
FstIndOct	tup_first_indicator_octet		m	
AAI	BIT_8		o	
CLI	tup_calling_line_identity		o	
ZOO	tup_charge_information		o	
<b>Detailed Comments</b> : ZOO field is not always required.				

PDU Type Definition			
<b>PDU Name</b> : tup_ACM <b>PCO Type</b> : Non_ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Address Complete MSU			
Field Name	Field Type	Field Encoding	Comments
RoutingLabel	tup_routing_label		m
HeadingCode	BIT_8		m
MsgInd	tup_message_indicators_acm		m
<b>Detailed Comments :</b>			

PDU Type Definition			
<b>PDU Name</b> : tup_CSM <b>PCO Type</b> : Non_ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Call Supervision Messages			
Field Name	Field Type	Field Encoding	Comments
RoutingLabel	tup_routing_label		m
HeadingCode	BIT_8		m
<b>Detailed Comments :</b>			



PDU Type Definition			
<b>PDU Name</b> : tup_CCM			
<b>PCO Type</b> : Non_ISUP_PCO			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Circuit Supervision Messages			
Field Name	Field Type	Field Encoding	Comments
RoutingLabel	tup_routing_label		m
HeadingCode	BIT_8		m
<b>Detailed Comments</b> :			

CM Type Definition		
<b>CM Name</b> : CM_CONTROL		
<b>Comments</b> :		
Parameter Name	Parameter Type	Comments
call_controll	IA5String	
<b>Detailed Comments</b> :		

CM Type Definition		
<b>CM Name</b> : CM_GO_AHEAD		
<b>Comments</b> :		
Parameter Name	Parameter Type	Comments
continue_indicator	BOOLEAN	
<b>Detailed Comments</b> :		

Alias Definitions		
Alias Name	Expansion	Comments
R_ACM	ACM_TRANSFER_IND	MTP TRANSFER_IND is used to carry an ISUP PDU – received by Tester.
R_ANM	ANM_TRANSFER_IND	
R_BLO	BLO_TRANSFER_IND	
R_BLA	BLA_TRANSFER_IND	
R_CPG	CPG_TRANSFER_IND	
R_CGB	CGB_TRANSFER_IND	
R_CGBA	CGBA_TRANSFER_IND	
R_GRS	GRS_TRANSFER_IND	
R_GRA	GRA_TRANSFER_IND	
R_CGU	CGU_TRANSFER_IND	
R_CGUA	CGUA_TRANSFER_IND	
R_CON	CON_TRANSFER_IND	
R_COT	COT_TRANSFER_IND	
R_CFN	CFN_TRANSFER_IND	
R_CCR	CCR_TRANSFER_IND	
R_FOT	FOT_TRANSFER_IND	
R_IAM	IAM_TRANSFER_IND	
R_REL	REL_TRANSFER_IND	
R_RLC	RLC_TRANSFER_IND	
R_RSC	RSC_TRANSFER_IND	
R_RES	RES_TRANSFER_IND	
R_SAM	SAM_TRANSFER_IND	
R_SUS	SUS_TRANSFER_IND	

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Alias Definitions		
Alias Name	Expansion	Comments
R_UBL	UBL_TRANSFER_IND	MTP TRANSFER_REQ is used to carry an ISUP PDU – sent by Tester.
R_UBA	UBA_TRANSFER_IND	
R_UPA	UPA_TRANSFER_IND	
R_UPT	UPT_TRANSFER_IND	
R_SGM	SGM_TRANSFER_IND	
R_MXX	MXX_TRANSFER_IND	
R_NRM	NRM_TRANSFER_IND	
S_ACM	ACM_TRANSFER_REQ	
S_ANM	ANM_TRANSFER_REQ	
S_BLO	BLO_TRANSFER_REQ	
S_BLA	BLA_TRANSFER_REQ	
S_CPG	CPG_TRANSFER_REQ	
S_CGB	CGB_TRANSFER_REQ	
S_CGBA	CGBA_TRANSFER_REQ	
S_GRS	GRS_TRANSFER_REQ	
S_GRA	GRA_TRANSFER_REQ	
S_CGU	CGU_TRANSFER_REQ	
S_CGUA	CGUA_TRANSFER_REQ	
S_CON	CON_TRANSFER_REQ	
S_COT	COT_TRANSFER_REQ	
S_CFN	CFN_TRANSFER_REQ	
S_CCR	CCR_TRANSFER_REQ	

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Alias Definitions		
Alias Name	Expansion	Comments
S_FOT	FOT_TRANSFER_REQ	
S_IAM	IAM_TRANSFER_REQ	
S_REL	REL_TRANSFER_REQ	
S_RLC	RLC_TRANSFER_REQ	
S_RSC	RSC_TRANSFER_REQ	
S_RES	RES_TRANSFER_REQ	
S_SAM	SAM_TRANSFER_REQ	
S_SUS	SUS_TRANSFER_REQ	
S_UBL	UBL_TRANSFER_REQ	
S_UBA	UBA_TRANSFER_REQ	
S_UPA	UPA_TRANSFER_REQ	
S_UPT	UPT_TRANSFER_REQ	
S_SGM	SGM_TRANSFER_REQ	
S_MXX	MXX_TRANSFER_REQ	
S_NRM	NRM_TRANSFER_REQ	
ALERT	DL_DAT_RQ_ALERT	ALERTING PDU, send event
CALL_PROC	DL_DAT_RQ_CALL_PROC	CALL PROC PDU, send event
CONN	DL_DAT_RQ_CONN	CONNECT PDU, send event
DISC	DL_DAT_RQ_DISC	DISCONNECT PDU, send event
FACdss1	DL_DAT_RQ_FAC	FACILITY PDU, send event
INF	DL_DAT_RQ_INF	FACILITY PDU, send event
RELdss1	DL_DAT_RQ_REL	RELEASE PDU, send event
REL_COM	DL_DAT_RQ_REL_COM	REL_COM PDU, send event

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Alias Definitions		
Alias Name	Expansion	Comments
RESTART_ACK	DL_DAT_RQ_RESTART_ACK	RESTART_ACK PDU, send event
SETUP	DL_DAT_RQ_SETUP	SETUP PDU, send event
SETUP_ACK	DL_DAT_RQ_SETUP_ACK	SETUP_ACK PDU, send event
STATUS	DL_DAT_RQ_STATUS	STATUS PDU, send event
ST_ENQ	DL_DAT_RQ_ST_ENQ	STATUS_ENQ PDU, send event
UI	DL_DAT_RQ_UI	UI PDU, send event
ALERTr	DL_DAT_IN_ALERTr	ALERTING PDU, receive event
CALL_PROCr	DL_DAT_IN_CALL_PROCr	CALL PROC PDU, receive event
CONNr	DL_DAT_IN_CONNr	CONNECT PDU, receive event
CONN_ACKr	DL_DAT_IN_CONN_ACKr	CONN_ACK PDU, receive event
DISCr	DL_DAT_IN_DISCr	DISCONNECT PDU, receive event
FACr	DL_DAT_IN_FACr	FACILITY PDU, receive event
INFor	DL_DAT_IN_INFor	INFO PDU, receive event
NOTIFYr	DL_DAT_IN_NOTIFYr	NOTIFY PDU, receive event
PROGr	DL_DAT_IN_PROGr	PROG PDU, receive event
RELr	DL_DAT_IN_RELr	RELEASE PDU, receive event
REL_COMr	DL_DAT_IN_REL_COMr	RELEASE_COM PDU, receive event
RESr	DL_DAT_IN_RESr	RESUME PDU, receive event
RES_ACKr	DL_DAT_IN_RES_ACKr	RESUME ACKNOWLEDGE PDU, receive event
RES_REJr	DL_DAT_IN_RES_REJr	RESUME REJECT PDU, receive event
RESTARTr	DL_DAT_IN_RESTARTr	RESTART PDU, receive event
SUSr	DL_DAT_IN_SUSr	SUSPEND PDU, receive event

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Alias Definitions		
Alias Name	Expansion	Comments
SUS_ACKr	DL_DAT_IN_SUS_ACKr	SUSPEND ACKNOWLEDGE PDU, receive event
SUS_REJr	DL_DAT_IN_SUS_REJr	SUSPEND REJECT PDU, receive event
SETUP_UIr	DL_UDAT_IN_SETUPr	SETUP PDU, receive event (UNACKNOWLEDGED)
SETUPr	DL_DAT_IN_SETUPr	SETUP PDU, receive event
SETUP_ACKr	DL_DAT_IN_SETUP_ACKr	SETUP_ACK PDU, receive event
STATUSr	DL_DAT_IN_STATUSr	STATUS PDU, receive event
ST_ENQr	DL_DAT_IN_ST_ENQr	STATUS_ENQ PDU, receive event
UIr	DL_DAT_IN_UIr	UI PDU, receive event
<b>Detailed Comments :</b>		

# **III**

## **Constraints Part**



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Routing_label(DPC,OPC: BIT_14; SLS: BIT_4) <b>Structured Type</b> : routing_label <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
DestPC	DPC		
OrigPC	OPC		
SLSel	SLS		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Routing_label(DPC,OPC: BIT_14) <b>Structured Type</b> : routing_label <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
DestPC	DPC		
OrigPC	OPC		
SLSel	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : ISUP_SIO(Nlval: BIT_2) <b>Structured Type</b> : service_information_octet <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
SIO	'0101'B		ISDN User Part identification
spare	'00'B		spare '00'B
NI	Nlval		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_cic(CICnr: BIT_12) <b>Structured Type</b> : circuit_identification_code <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
CIC	CICnr		
spare	'0000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_cic_iam			
<b>Structured Type</b> : circuit_identification_code			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
CIC spare	? '0000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_cic_any			
<b>Structured Type</b> : circuit_identification_code			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
CIC spare	? '0000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ADInf <b>Structured Type</b> : access_delivery_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101110'B		
length	'01'O		
ADI	?		
spare	'0000000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ATP <b>Structured Type</b> : access_transport <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	?		
ATP_field	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ATP <b>Structured Type</b> : access_transport <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	'04'O		
ATP_field	'7D029181'O		HLC (Telephony)
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_ACL <b>Structured Type</b> : automatic_congestion_level <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100111'B		
length	'01'O		
ACL_field	'00000001'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_BCI_o <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010001'B		
length	'02'O		
Chgl	?		
CdPSI	'01'B		subscriber free
CdPC	?		
EEMthI	?		
IWI	'0'B		no interworking encountered
EEInfl	?		
ISUPI	'1'B		ISUP used all the way
HoldI	?		
ISDNAI	?		
ECDI	?		
SCCPMI	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_BCI_m <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
Chgl	?		
CdPSI	'01'B		subscriber free
CdPC	?		
EEMthI	?		
IWI	'0'B		no interworking encountered
EEInfl	?		
ISUPI	'1'B		ISUP used all the way
HoldI	?		
ISDNAI	?		
ECDI	?		
SCCPMI	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_BCI(v_CdPSI: BIT_2; v_ISDNAI: BIT_1) <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
Chgl	?		
CdPSI	v_CdPSI		
CdPC	?		
EEMthI	?		
IWI	'0'B		no interworking encountered
EEInfl	?		
ISUPI	'1'B		ISUP used all the way
HoldI	?		
ISDNAI	v_ISDNAI		ISDN or non-ISDN
ECDI	?		
SCCPMI	?		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_BCI_ECDI_0 <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> : /54/ TJS			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
Chgl	?		
CdPSI	'01'B		subscriber free
CdPC	?		
EEMthI	?		
IWI	'0'B		no interworking encountered
EEInfl	?		
ISUPI	'1'B		ISUP used all the way
HoldI	?		
ISDNAI	'1'B		ISDN or non-ISDN
ECDI	'0'B		incoming half echo control device included
SCCPMI	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_BCI_ECDI_1 <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> : /55/ TJS			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
Chgl	?		
CdPSI	'01'B		subscriber free
CdPC	?		
EEMthI	?		
IWI	'0'B		no interworking encountered
EEInfl	?		
ISUPI	'1'B		ISUP used all the way
HoldI	?		
ISDNAI	'1'B		ISDN or non-ISDN
ECDI	'0'B		incoming half echo control device included
SCCPMI	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_BCI_m_ECDI_1 <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
Chgl	?		
CdPSI	'01'B		subscriber free
CdPC	?		
EEMthI	?		
IWI	'0'B		no interworking encountered
EEInfl	?		
ISUPI	'1'B		ISUP used all the way
HoldI	?		
ISDNAI	?		
ECDI	'1'B		incoming half echo control device included
SCCPMI	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_BCI_o <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010001'B		
length	'02'O		
Chgl	'10'B		charge
CdPSI	'01'B		subscriber free
CdPC	'01'B		ordinary subscriber
EEMthI	'00'B		no method available
IWI	'0'B		no interworking encountered
EEInfl	'0'B		no end-to-end information available
ISUPI	'1'B		ISUP used all the way
HoldI	'0'B		holding not requested
ISDNAI	TSP_Dest_ISDN_access		terminating access ISDN
ECDI	'0'B		incoming half echo control device not included
SCCPMI	'00'B		no indication
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_BCI_m			
<b>Structured Type</b> : backward_call_indicators			
<b>Derivation Path</b> : s_BCI_o.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_BCI(v_CdPSI: BIT_2; v_ISDNAI: BIT_1) <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
Chgl	'10'B		charge
CdPSI	v_CdPSI		
CdPC	'01'B		ordinary subscriber
EEMthI	'00'B		no method available
IWI	'0'B		no interworking encountered
EEInfl	'0'B		no end-to-end information available
ISUPI	'1'B		ISUP used all the way
HoldI	'0'B		holding not requested
ISDNAI	v_ISDNAI		
ECDI	'0'B		incoming half echo control device not included
SCCPMI	'00'B		no indication
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_BCI_m_ECDI_0 <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
Chgl	'10'B		charge
CdPSI	'01'B		subscriber free
CdPC	'01'B		ordinary subscriber
EEMthI	'00'B		no method available
IWI	'0'B		no interworking encountered
EEInfl	'0'B		no end-to-end information available
ISUPI	'1'B		ISUP used all the way
HoldI	'0'B		holding not requested
ISDNAI	TSP_Dest_ISDN_access		terminating access ISDN
ECDI	'0'B		incoming half echo control device not included
SCCPMI	'00'B		no indication
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_BCI_m_ECDI_1 <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
Chgl	'10'B		charge
CdPSI	'01'B		subscriber free
CdPC	'01'B		ordinary subscriber
EEMthI	'00'B		no method available
IWI	'0'B		no interworking encountered
EEInfl	'0'B		no end-to-end information available
ISUPI	'1'B		ISUP used all the way
HoldI	'0'B		holding not requested
ISDNAI	TSP_Dest_ISDN_access		terminating access ISDN
ECDI	'1'B		incoming half echo control device included
SCCPMI	'00'B		no indication
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_BGVNS			
<b>Structured Type</b> : backward_GVNS			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01001101'B		
length	?		
term_acc_ind	?		
spare	'000000'B		/3/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_BGVNS			
<b>Structured Type</b> : backward_GVNS			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01001101'B		
length	'01'O		
term_acc_ind	'00'B		no information
spare	'000000'B		/4/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CCSS			
<b>Structured Type</b> : call_completion_supplementary_service			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01001011'B		
length	?		
CCSS_call_indicator	?		
spare	'00000000'B		/5/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CCSS			
<b>Structured Type</b> : call_completion_supplementary_service			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01001011'B		
length	'01'O		
CCSS_call_indicator	'0'B		no information
spare	'00000000'B		/6/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CctAssMap <b>Structured Type</b> : circuit_assignment_map <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100101'B		
length	?		
map_type	?		
spare_1	'00'B		
map_format_1	?		
map_format_2	?		
map_format_3	?		
map_format_4	? IF_PRESENT		Not used for 1544 kb/s digital path map
spare_2	'0'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CctAssMap <b>Structured Type</b> : circuit_assignment_map <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100101'B		2048 k/bit map
length	'05'O		
map_type	'000010'B		
spare_1	'00'B		
map_format_1	'00000000'B		
map_format_2	'00000000'B		Not used for 1544 kb/s digital path map
map_format_3	'00000000'B		
map_format_4	'0000000'B IF_PRESENT		
spare_2	'0'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CctAssMap_4 <b>Structured Type</b> : circuit_assignment_map <b>Derivation Path</b> : s_CctAssMap. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
map_format_1	'01010101'B		select 4 timeslots
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CDInf <b>Structured Type</b> : call_diversion_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110110'B		
length	'01'O		
CDInf_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CDivTrInd			
<b>Structured Type</b> : call_diversion_treatment_indicator			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01101110'B		
length	?		
call_diverted_indicator	?		
spare	'000000'B		/7/ TJS
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CDivTrInd			
<b>Structured Type</b> : call_diversion_treatment_indicator			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01101110'B		no information  /8/ TJS
length	'01'O		
call_diverted_indicator	'00'B		
spare	'000000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CHInf			
<b>Structured Type</b> : call_history_information			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101101'B		
length	'02'O		
CHInf_field	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CHInf(CHInf_val: OCT_2) <b>Structured Type</b> : call_history_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101101'B		
length	'02'O		
CHInf_field	CHInf_val		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_COffTrInd <b>Structured Type</b> : call_offering_treatment_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110000'B		
length	?		
CallOffer_ind	?		
spare	'000000'B		/11/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_COffTrInd			
<b>Structured Type</b> : call_offering_treatment_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110000'B		
length	'01'O		
CallOffer_ind	'00'B		no information
spare	'000000'B		/12/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ConTrInd			
<b>Structured Type</b> : conference_treatment_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110010'B		
length	?		
ConfAcclnd	?		
spare	'000000'B		/9/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ConTrInd			
<b>Structured Type</b> : conference_treatment_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110010'B		no information  /10/ TJS
length	'01'O		
ConfAcclnd	'00'B		
spare	'000000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CorrlD			
<b>Structured Type</b> : correlation_id			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01100101'B		
length	?		
correlation_id	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CorrID <b>Structured Type</b> : correlation_id <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01100101'B		
length	'01'O		
correlation_id	'00'O		See Q.1218
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ColCReq <b>Structured Type</b> : collect_call_request <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01111001'B		
length	'01'O		
ColCallReqInd	?		Collect call request indicator
spare	'00000000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ColCReq_1 <b>Structured Type</b> : collect_call_request <b>Derivation Path</b> : r_ColCReq. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
ColCallReqInd	'1'B		Collect call requested
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ColCReq			
<b>Structured Type</b> : collect_call_request			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01111001'B		no information
length	'01'O		
ColCallReqInd	'0'B		
spare	'0000000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ColCReq_1			
<b>Structured Type</b> : collect_call_request			
<b>Derivation Path</b> : s_ColCReq.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
ColCallReqInd	'1'B		Collect call requested
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CTNb <b>Structured Type</b> : call_transfer_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01000101'B		international number or national (significant) number
length	?		
NatAdrl	('0000011'B , '0000100'B)		
OdEvl	?		
Scrl	?		
APRI	?		ISDN numbering plan (E.164)
NbPI	'001'B		
CTNII	?		
AdSg	?		
Filler	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CTNb(val_CTNb:HEX_N; val_NatAdrl:BIT_7) <b>Structured Type</b> : call_transfer_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01000101'B		
length	TSO_Nb_len(val_CTNb)		
NatAdrl	val_NatAdrl		
OdEvl	TSO_OddEven(val_CTNb)		
ScrI	'11'B		network provided
APRI	'00'B		presentation allowed
NbPI	'001'B		ISDN numbering plan (E.164)
CTNII	'0'B		Spare in q.763 '97
AdSg	val_CTNb		
Filler	TSO_Filler(val_CTNb)		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CTrRef <b>Structured Type</b> : call_transfer_reference <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01000011'B		
length	?		
CTrId	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CRef <b>Structured Type</b> : call_reference <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000001'B		
length	'01'O		
CRef_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CRef			
<b>Structured Type</b> : call_reference			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000001'B		
length	'01'O		
CRef_contents	'FF'O		Some stuff
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CdINum <b>Structured Type</b> : called_IN_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01101111'B		ISDN numbering plan (E.164)
length	?		
NatAdrl	?		
OdEvl	?		
spare_1	'00'B		
APRI	?		
NbPI	'001'B		
spare_2	'0'B		
AdSg	?		
Filler	'0'H IF_PRESENT		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CdINnum <b>Structured Type</b> : called_IN_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01101111'B		
length	'07'O		
NatAdrl	'0000011'B		National significant number
OdEvl	'0'B		Even number of address digits
spare_1	'00'B		
APRI	'00'B		Presentation allowed
NbPI	'001'B		ISDN numbering plan (E.164)
spare_2	'0'B		
AdSg	'4991232793'H		Some number
Filler	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CdPN			
<b>Structured Type</b> : called_party_number			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		international number or national (significant) number
NatAdrl	('0000011'B, '0000100'B)		
OdEvl	?		
spare	'0000'B		
NbPl	?		
INtwNbl	?		
AdSg	?		
Filler	'0'H IF_PRESENT		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CdPN_even			
<b>Structured Type</b> : called_party_number			
<b>Derivation Path</b> : r_CdPN.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OdEvl	'0'B		Even
Filler	–		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CdPN_Filler_0			
<b>Structured Type</b> : called_party_number			
<b>Derivation Path</b> : r_CdPN.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OdEvl	'1'B		Odd
Filler	'0'H		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CdPN_specific(val_number: HEX_N) <b>Structured Type</b> : called_party_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		international number or national (significant) number
NatAdrl	('0000011'B, '0000100'B)		
OdEvl	?		
spare	'0000'B		
NbPl	?		
INtwNbl	?		
AdSg	val_number		
Filler	'0'H IF_PRESENT		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CdPN(val_CdPN: HEX_N) <b>Structured Type</b> : called_party_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	TSO_Nb_len(val_CdPN)		ISDN numbering plan (E.164) routing to internal network number not allowed
NatAdrl	TSP_NatAdrl_R		
OdEvl	TSO_OddEven(val_CdPN)		
spare	'0000'B		
NbPl	'001'B		
INtwNbl	'1'B		
AdSg	val_CdPN		
Filler	TSO_Filler(val_CdPN)		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CdPN_L(val_CdPN: HEX_N) <b>Structured Type</b> : called_party_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	TSO_Nb_len(val_CdPN)		NAI to be used on left PTC
NatAdrl	TSP_NatAdrl_L		
OdEvl	TSO_OddEven(val_CdPN)		
spare	'0000'B		ISDN numbering plan (E.164) routing to internal network number not allowed
NbPl	'001'B		
INtwNbl	'1'B		
AdSg	val_CdPN		
Filler	TSO_Filler(val_CdPN)		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CdPN_NatAdrl_07(val_CdPN: HEX_N)			
<b>Structured Type</b> : called_party_number			
<b>Derivation Path</b> : s_CdPN.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
NatAdrl	'0000111'B		spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CdPN_NbPI_111(val_CdPN: HEX_N)			
<b>Structured Type</b> : called_party_number			
<b>Derivation Path</b> : s_CdPN.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
NbPI	'111'B		spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CdPN_AdSg_A(val_CdPN: HEX_N) <b>Structured Type</b> : called_party_number <b>Derivation Path</b> : s_CdPN. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	TSO_Nb_len(TSO_hex_strcat(val_CdPN, 'A'H))		
OdEvl	TSO_OddEven(TSO_hex_strcat(val_CdPN, 'A'H))		
AdSg	TSO_hex_strcat(val_CdPN, 'A'H)		
Filler	TSO_Filler(TSO_hex_strcat(val_CdPN, 'A'H))		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CdPN_Filler_1(val_CdPN: HEX_N) <b>Structured Type</b> : called_party_number <b>Derivation Path</b> : s_CdPN. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'04'O		Odd number of address signals
OdEvl	'1'B		
AdSg	TSO_First_part_of_number(val_CdPN, 5)		
Filler	'1'H		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CgPN <b>Structured Type</b> : calling_party_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001010'B		international number or national (significant) number
length	?		
NatAdrl	('0000011'B, '0000100'B)		
OdEvl	?		
ScrI	?		
APRI	?		
NbPI	?		
CgPNII	?		
AdSg	?		
Filler	'0'H IF_PRESENT		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CgPN_APRI_01			
<b>Structured Type</b> : calling_party_number			
<b>Derivation Path</b> : r_CgPN.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
APRI	'01'B		presentation restricted
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CgPN_Filler_0			
<b>Structured Type</b> : calling_party_number			
<b>Derivation Path</b> : r_CgPN.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OdEvl	'1'B		odd number of digits
Filler	'0'H		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CgPN(val_CgPN: HEX_N) <b>Structured Type</b> : calling_party_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001010'B		
length	TSO_Nb_len(val_CgPN)		
NatAdrl	TSP_NatAdrl_cg_R		
OdEvl	TSO_OddEven(val_CgPN)		
Scrl	'01'B		user provided, verified and passed
APRI	'00'B		presentation allowed
NbPI	'001'B		ISDN numbering plan (E.164)
CgPNII	'0'B		complete
AdSg	val_CgPN		
Filler	TSO_Filler(val_CgPN)		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CgPN_L(val_CgPN: HEX_N) <b>Structured Type</b> : calling_party_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001010'B		
length	TSO_Nb_len(val_CgPN)		
NatAdrl	TSP_NatAdrl_cg_L		
OdEvl	TSO_OddEven(val_CgPN)		
Scrl	'01'B		user provided, verified and passed
APRI	'00'B		presentation allowed
NbPI	'001'B		ISDN numbering plan (E.164)
CgPNII	'0'B		complete
AdSg	val_CgPN		
Filler	TSO_Filler(val_CgPN)		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CgPN_NatAdrl_05(val_CgPN: HEX_N)			
<b>Structured Type</b> : calling_party_number			
<b>Derivation Path</b> : s_CgPN.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
NatAdrl	'0000101'B		spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CgPN_NbPI_010(val_CgPN: HEX_N)			
<b>Structured Type</b> : calling_party_number			
<b>Derivation Path</b> : s_CgPN_L.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
NbPI	'010'B		spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CgPN_APRI_11(val_CgPN: HEX_N)			
<b>Structured Type</b> : calling_party_number			
<b>Derivation Path</b> : s_CgPN_L.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
APRI	'11'B		spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CgPN_ScrI_10(val_CgPN: HEX_N)			
<b>Structured Type</b> : calling_party_number			
<b>Derivation Path</b> : s_CgPN_L.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
ScrI	'10'B		reserved
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CgPN_Filler_1(val_CgPN: HEX_N) <b>Structured Type</b> : calling_party_number <b>Derivation Path</b> : s_CgPN_L. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OdEvl	'1'B		Odd number of address digits
AdSg	TSO_First_part_of_number(val_CgPN, 5)		
Filler	'1'H		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CgPC_m <b>Structured Type</b> : calling_partys_category <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	—		
length	—		
CgPC_field	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CgPC_m <b>Structured Type</b> : calling_partys_category <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
CgPC_field	'00001010'B		ordinary calling subscriber
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_CgPC_m_10 <b>Structured Type</b> : calling_partys_category <b>Derivation Path</b> : s_CgPC_m. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
CgPC_field	'00010000'B		spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_CgPC_0A_m			
<b>Structured Type</b> : calling_partys_category			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	–		
CgPC_field	'00001010'B		ordinary calling subscriber
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_o <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010010'B		CCITT standardized coding last octet
length	?		
Loc	?		
spare	'0'B		
CodS	'00'B		
ExtI_1	'1'B		
CauseV	?		
ExtI_2	?		
Diag	*		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		CCITT standardized coding last octet
length	?		
Loc	?		
spare	'0'B		
CodS	'00'B		
ExtI_1	'1'B		
CauseV	?		
ExtI_2	?		
Diag	*		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Cause_o <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010010'B		
length	'02'O		
Loc	'0000'B		User
spare	'0'B		
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		last octet
CauseV	'0010000'B		Normal call clearing
Extl_2	'1'B		last octet
Diag	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Cause_m <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'02'O		
Loc	'0000'B		User
spare	'0'B		
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		last octet
CauseV	'0010000'B		Normal call clearing
Extl_2	'1'B		last octet
Diag	–		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Cause_m_Diag(val_s_Cause_m_Diag_Loc: BIT_4; val_s_Cause_m_Diag_Diag: OCT_N) <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'03'O		
Loc	val_s_Cause_m_Diag_Loc		
spare	'0'B		
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		last octet
CauseV	'0010000'B		Normal call clearing
Extl_2	'1'B		last octet
Diag	val_s_Cause_m_Diag_Diag		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Cause_m_xx(val_CauseV: BIT_7) <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'02'O		
Loc	'0000'B		User
spare	'0'B		
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		last octet
CauseV	val_CauseV		
Extl_2	'1'B		last octet
Diag	–		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Cause_m_C25 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : s_Cause_o. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type CauseV	– '0011001'B		exchange routing error
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Cause_m_C41 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : s_Cause_o. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type CauseV	– '0101001'B		Temporary failure
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Cause_m_C99_PXX(val_PType: BIT_8) <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'02'O		
Loc	'0000'B		User
spare	'0'B		
CodS	'00'B		CCITT standardized coding
ExtI_1	'1'B		last octet
CauseV	'1100011'B		Information element/parameter non-existent or not implemented
ExtI_2	'1'B		last octet
Diag	TSO_BIT_TO_OCT(val_PType)		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Cause_m_CodS_11 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : s_Cause_o. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type CodS	– '11'B		standard specific to identified location
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Cause_m_Loc_1000 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : s_Cause_o. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type Loc	– '1000'B		reserved
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_Cause_m_CauseV_10			
<b>Structured Type</b> : cause_indicators			
<b>Derivation Path</b> : s_Cause_o.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type CauseV	– '0001010'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_xx(val_Cause: BIT_7) <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'02'O		
Loc	?		
spare	'0'B		
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		last octet
CauseV	val_Cause		
Extl_2	'1'B		last octet
Diag	–		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C97_MXX(val_Diag:BIT_8) <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'03'O		
Loc	?		
spare	'0'B		
CodS	'00'B		CCITT standardized coding
ExtI_1	'1'B		last octet
CauseV	'1100001'B		Message type non-existent or not implemented – discarded (97)
ExtI_2	'1'B		last octet
Diag	TSO_BIT_TO_OCT(val_Diag)		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C99_PXX(val_Diag: BIT_8) <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'03'O		
Loc	?		
spare	'0'B		
CodS	'00'B		CCITT standardized coding
ExtI_1	'1'B		last octet
CauseV	'1100011'B		parameter non-existent or not implemented – discarded (97)
ExtI_2	'1'B		last octet
Diag	TSO_BIT_TO_OCT(val_Diag)		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C110_CPG_PXX(val_Diag: BIT_8) <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		CCITT standardized coding last octet message with unrecognized parameter – discarded (110) Extension indicator
length	'04'O		
Loc	?		
spare	'0'B		
CodS	'00'B		
ExtI_1	'1'B		
CauseV	'1101110'B		
ExtI_2	'1'B		
Diag	TSO_oct_strcat('2C'O, TSO_BIT_TO_OCT(val_Diag))		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C110_CGB_CICGrp <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'04'O		
Loc	?		
spare	'0'B		
CodS	'00'B		CCITT standardized coding
ExtI_1	'1'B		last octet
CauseV	'1101110'B		message with unrecognized parameter – discarded (110)
ExtI_2	'1'B		last octet
Diag	'1815'O		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C110_IAM_NatCon <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'04'O		
Loc	?		
spare	'0'B		
CodS	'00'B		CCITT standardized coding
ExtI_1	'1'B		last octet
CauseV	'1101110'B		message with unrecognized parameter – discarded (110)
ExtI_2	'1'B		last octet
Diag	'0106'O		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C28 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'02'O		
Loc	?		
spare	'0'B		
CodS	'00'B		CCITT standardized coding
ExtI_1	'1'B		last octet
CauseV	'0011100'B		
ExtI_2	'1'B		last octet
Diag	–		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C111 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'02'O		
Loc	?		
spare	'0'B		
CodS	'00'B		CCITT standardized coding
ExtI_1	'1'B		last octet
CauseV	'1101111'B		
ExtI_2	'1'B		last octet
Diag	–		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C65 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	–		
length	'02'O		
Loc	?		
spare	'0'B		
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		last octet
CauseV	'1000001'B		
Extl_2	'1'B		last octet
Diag	–		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_Loc_0111 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : r_Cause_o. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type Loc	– '0111'B		international network
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_Loc_1010 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : r_Cause_o. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type Loc	– '1010'B		network beyond interworking point
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C25 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : r_Cause_o. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type CauseV	– '0011001'B		exchange routing error (Cause 25)
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C31 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : r_Cause_o. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type CauseV	– '0011111'B		Normal event, unspecified (Cause 31)
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_Cause_m_C41 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : r_Cause_o. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type CauseV	– '0101001'B		Temporary failure (Cause 41)
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_CICGrp_MO <b>Structured Type</b> : circuit_group_supervision_message_type_indicator <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Typel spare	'00'B '000000'B		maintenance oriented
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_CICGrp_HO <b>Structured Type</b> : circuit_group_supervision_message_type_indicator <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Typel spare	'01'B '000000'B		hardware failure oriented
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_CICGrp_Unknown <b>Structured Type</b> : circuit_group_supervision_message_type_indicator <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Typel spare	'11'B '000000'B		spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_CUGIC			
<b>Structured Type</b> : closed_user_group_interlock_code			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00011010'B		
length	'02'O		
CUGIC_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ConNb <b>Structured Type</b> : connected_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100001'B		national (significant) number or international number
length	?		
NatAdrl	('0000011'B, '0000100'B)		
OdEvl	?		
Scrl	?		
APRI	?		ISDN numbering plan (E.164)
NbPI	'001'B		
spare	'0'B		
AdSg	?		
Filler	'0'H IF_PRESENT		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ConNb_Filler_0			
<b>Structured Type</b> : connected_number			
<b>Derivation Path</b> : r_ConNb.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OdEvl	'1'B		odd number of address signals
Filler	'0'H		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ConNb <b>Structured Type</b> : connected_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100001'B		
length	'07'O		
NatAdrl	'0000100'B		international number
OdEvl	'0'B		even number of address digits
ScrI	'11'B		network provided, verified and passed
APRI	'00'B		presentation allowed
NbPI	'001'B		ISDN numbering plan (E.164)
spare	'0'B		
AdSg	'4991232793'H		
Filler	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ConNb_Filler <b>Structured Type</b> : connected_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100001'B		
length	'08'O		
NatAdrl	'0000100'B		international number
OdEvl	'1'B		odd number of address digits
ScrI	'11'B		network provided, verified and passed
APRI	'00'B		presentation allowed
NbPI	'001'B		ISDN numbering plan (E.164)
spare	'0'B		
AdSg	'49912327931'H		
Filler	'F'H		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ConfTrInd			
<b>Structured Type</b> : conference_treatment_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110010'B		
length	'01'O		
ConfAcclnd	?		
spare	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ConfTrInd <b>Structured Type</b> : conference_treatment_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110010'B		
length	'01'O		
ConfAcclnd	'00'B		
spare	'100000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ConRq <b>Structured Type</b> : connection_request <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001101'B		
length	'07'O		
ConRq_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_ContInd_pass			
<b>Structured Type</b> : continuity_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
ContInd_field	'1'B		continuity check successful
spare	'0000000'B		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_ContInd_fail			
<b>Structured Type</b> : continuity_indicators			
<b>Derivation Path</b> : r_s_ContInd_pass.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
ContInd_field	'0'B		continuity check failure
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_DisInf <b>Structured Type</b> : display_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110011'B		
length	?		
DisInf	?		As described in Q.931
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_DisInf <b>Structured Type</b> : display_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110011'B		
length	'01'O		
DisInf	'A5'O		As described in Q.931
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_EchoInf <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110111'B		
length	'01'O		
OEchoInfl	?		
IEchoInfl	?		
OEchoRql	?		
IEchoRql	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_EchoInf_ii <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : r_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
IEchoInfl	'10'B		I/C echo dev included
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_EchoInf_ini_ia <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : r_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
IEchoInfl	'11'B		I/C echo dev not included
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_EchoInf_ii_or <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : r_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
IEchoInfl	'10'B		I/C echo dev included
OEchoRql	'01'B		O/G echo dev act request
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_EchoInf_oi <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : r_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OEchoInfl	'10'B		O/C echo dev included
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_EchoInf_oni_oa <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : r_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> : O/C echo dev not included but available			
Element Name	Element Value	Element Encoding	Comments
OEchoInfl	'11'B		O/C echo dev not included but available
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_EchoInf_oni_ona			
<b>Structured Type</b> : echo_control_information			
<b>Derivation Path</b> : r_EchoInf.			
<b>Encoding Variation:</b>			
<b>Comments</b> : O/C echo dev not included and not available			
Element Name	Element Value	Element Encoding	Comments
OEchoInfl	'01'B		O/C echo dev not included and not available
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_EchoInf <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110111'B		
length	'01'O		
OEchoInfI	'00'B		No Information
IEchoInfI	'00'B		No Information
OEchoRql	'00'B		No Information
IEchoRql	'00'B		No Information
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_EchoInf_ii <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : s_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
IEchoInfI	'10'B		I/C Echo Dev included
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_EchoInf_ini_ina <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : s_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
IEchoInfl	'01'B		I/C Echo Dev not included and not available
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_EchoInf_ii_oni_or <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : s_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OEchoInfl	'10'B		O/G Echo Dev not included
IEchoInfl	'10'B		I/C Echo Dev included
OEchoRql	'01'B		O/G echo dev act request
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_EchoInf_ii_or <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : s_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
IEchoInfl	'10'B		I/C Echo Dev included
OEchoRql	'01'B		O/G echo dev act request
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_EchoInf_oa_oni <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : s_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OEchoInfl	'11'B		O/G Echo Dev not inc but av
IEchoInfl	'11'B		I/G Echo Dev not inc but av
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_EchoInf_oi <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : s_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> : O/G Echo Dev included			
Element Name	Element Value	Element Encoding	Comments
OEchoInfl	'10'B		O/G Echo Dev included
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_EchoInf_ona_oni <b>Structured Type</b> : echo_control_information <b>Derivation Path</b> : s_EchoInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OEchoInfl	'01'B		O/G Echo Dev not inc and not available
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_EvInf			
<b>Structured Type</b> : event_information			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Eventl	?		
EvPRI	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_EvInf			
<b>Structured Type</b> : event_information			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Eventl	'0000001'B		Alerting
EvPRI	'0'B		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_FCI_base			
<b>Structured Type</b> : forward_call_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
InatCI	?		no interworking encountered
EEMthI	?		
IWI	'0'B		
EEInfl	?		
ISUPI	'1'B		
IPI	?		
ISDNAI	?		
SCCPMI	?		
spare_1	'0'B		
spare_2	?		
@			
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_FCI <b>Structured Type</b> : forward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
InatCI	TSP_FCI_NatIntInd		
EEMthI	'00'B		no end-to-end method available
IWI	'0'B		no interworking encountered
EEInfl	'0'B		no end-to-end information available
ISUPI	'1'B		ISUP used all the way
IPI	'00'B		ISUP preferred all the way
ISDNAI	TSP_Orig_ISDN_access		originating access ISDN
SCCPMI	'00'B		no indication
spare_1	'0'B		
spare_2	'0000'B		@
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_FCI_EEMthI_11 <b>Structured Type</b> : forward_call_indicators <b>Derivation Path</b> : r_s_FCI. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
EEMthI	'11'B		pass along and SCCP methods available @
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_FCI_EEInfl_1 <b>Structured Type</b> : forward_call_indicators <b>Derivation Path</b> : r_s_FCI. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
EEInfl	'1'B		end-to-end information available
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_FCI_SCCPMI_11 <b>Structured Type</b> : forward_call_indicators <b>Derivation Path</b> : r_s_FCI. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
SCCPMI	'11'B		connectionless and connection oriented methods available @
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_FCI_IPI_11 <b>Structured Type</b> : forward_call_indicators <b>Derivation Path</b> : r_s_FCI. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
IPI	'11'B		spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ForGVNS <b>Structured Type</b> : forward_GVNS <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01001100'B		
length	?		
OPSP	?		
GUG	?		
TNRN	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_GenDig <b>Structured Type</b> : generic_digits <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'11000001'B		
length	?		
GenDig_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_GenNot <b>Structured Type</b> : generic_notification_indicator <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101100'B		
length	'01'O		
GenNot_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_GenNot <b>Structured Type</b> : generic_notification_indicator <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101100'B		
length	'01'O		
GenNot_contents	'E0'O		Call is a waiting call
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_GenNb <b>Structured Type</b> : generic_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'11000000'B		
length	?		
GenNb_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_GenNb <b>Structured Type</b> : generic_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'11000000'B		
length	'09'O		
GenNb_contents	'068411941961278608'O		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_GenRef <b>Structured Type</b> : generic_reference <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> : Not used in ISUP '97			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01000010'B		
length	?		
GenRef_contents	?		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_HopCnt <b>Structured Type</b> : hop_counter <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111101'B		
length	'01'O		
hop_counter	?		
spare	'000'B		/13/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_HopCnt_2			
<b>Structured Type</b> : hop_counter			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111101'B		
length	'01'O		
hop_counter	'00010'B		Count set to 2
spare	'000'B		/14/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_HopCnt(Hop_val: INTEGER) <b>Structured Type</b> : hop_counter <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111101'B		
length	'01'O		
hop_counter	TSO_INT_TO_BIT_5( Hop_val)		
spare	'000'B		/21/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_LocNb <b>Structured Type</b> : location_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111111'B		Routing to internal number not allowed
length	?		
NatAdrl	?		
OdEvl	?		
ScrI	?		
APRI	?		
NbPI	?		
INtwNbl	'1'B		
AdSg	?		
Filler	'0'H IF_PRESENT		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_LoopPI			
<b>Structured Type</b> : loop_prevention_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01000100'B		
length	?		
LPindF	?		
RespInd	?		
spare	'00000'B		/15/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_LoopPI			
<b>Structured Type</b> : loop_prevention_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01000100'B		request insufficient information /16/ TJS
length	'01'O		
LPindF	'0'B		
Resplnd	'00'B		
spare	'00000'B		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_MsgCmp <b>Structured Type</b> : message_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111000'B		
length	'01'O		
TrInEI	'1'B		end node interpretation
RIsCI	'1'B		release call
SendNfl	'1'B		send notification
DMsgI	'0'B		do not discard message (pass on)
PassNPI	'0'B		release call
spare	'00'B		
ExtI	'1'B		Last octet
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp <b>Structured Type</b> : message_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111000'B		
length	'01'O		
TrInEI	?		
RIsCI	?		
SendNfl	?		
DMsgI	?		
PassNPI	?		
spare	'00'B		
ExtI	'1'B		Last octet
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_rel_call <b>Structured Type</b> : message_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111000'B		
length	'01'O		
TrInEI	'1'B		end node interpretation
RIsCI	'1'B		release call
SendNfl	'1'B		send notification
DMsgI	'0'B		do not discard message (pass on)
PassNPI	'0'B		release call
spare	'00'B		
ExtI	'1'B		last octet
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_rel_call_A0			
<b>Structured Type</b> : message_compatibility_information			
<b>Derivation Path</b> : r_s_MsgCmp_rel_call.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
TrInEI	'0'B		transit interpretation
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_discard(v_A: BIT_1; v_C: BIT_1) <b>Structured Type</b> : message_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111000'B		
length	'01'O		
TrInEI	v_A		transit interpretation
RIsCI	'0'B		do not release call
SendNfl	v_C		do not send notification
DMsgI	'1'B		discard message
PassNPI	'0'B		release call
spare	'00'B		
ExtI	'1'B		last octet
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_pass_on_A0 <b>Structured Type</b> : message_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111000'B		
length	'01'O		
TrInEI	'0'B		transit interpretation
RIsCI	'0'B		do not release call
SendNfl	'1'B		send notification
DMsgI	'0'B		do not discard message (pass on)
PassNPI	'0'B		release call
spare	'00'B		
ExtI	'1'B		last octet
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_pass_on_A1			
<b>Structured Type</b> : message_compatibility_information			
<b>Derivation Path</b> : r_s_MsgCmp_pass_on_A0.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
TrInEI	'1'B		end node interpretation
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_pass_on_rel_A0 <b>Structured Type</b> : message_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111000'B		
length	'01'O		
TrInEI	'0'B		transit interpretation
RIsCI	'0'B		do not release call
SendNfl	'1'B		send notification
DMsgI	'0'B		do not discard message (pass on)
PassNPI	'0'B		release call
spare	'00'B		
ExtI	'1'B		last octet
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_pass_on_rel_A1			
<b>Structured Type</b> : message_compatibility_information			
<b>Derivation Path</b> : r_s_MsgCmp_pass_on_rel_A0.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
TrInEI	'1'B		end node interpretation
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_pass_on_discard_A0 <b>Structured Type</b> : message_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111000'B		
length	'01'O		
TrInEI	'0'B		transit interpretation
RIsCI	'0'B		do not release call
SendNfl	'1'B		send notification
DMsgI	'0'B		do not discard message (pass on)
PassNPI	'1'B		discard information
spare	'00'B		
ExtI	'1'B		last octet
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_pass_on_discard_A1			
<b>Structured Type</b> : message_compatibility_information			
<b>Derivation Path</b> : r_s_MsgCmp_pass_on_discard_A0.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
TrInEI	'1'B		end node interpretation
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_transit_intrpr <b>Structured Type</b> : message_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111000'B		
length	'01'O		
TrInEI	'0'B		transit interpretation
RIsCI	'0'B		do not release call
SendNfl	'0'B		do not send notification
DMsgI	'1'B		discard message
PassNPI	'0'B		release call
spare	'00'B		
ExtI	'1'B		last octet
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_MsgCmp_SGM <b>Structured Type</b> : message_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111000'B		
length	'01'O		
TrInEI	'0'B		transit interpretation
RIsCI	'0'B		do not release call
SendNfl	'0'B		do not send notification
DMsgI	'0'B		do not discard message (pass on)
PassNPI	'1'B		discard information
spare	'00'B		
ExtI	'1'B		last octet
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_MLPPpre <b>Structured Type</b> : MLPP_precedence <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111010'B		
length	'06'O		
MLPPpre_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_NatCon			
<b>Structured Type</b> : nature_of_connection_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Satl	?		Continuity check not required
CntChl	'00'B		
ECDI	?		
spare	'000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_NatCon_CntChl_0X <b>Structured Type</b> : nature_of_connection_indicators <b>Derivation Path</b> : r_NatCon. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
CntChl	('00'B, '01'B)		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_NatCon_CntChl_01 <b>Structured Type</b> : nature_of_connection_indicators <b>Derivation Path</b> : r_NatCon. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
CntChl	'01'B		Continuity check required on this circuit
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_NatCon			
<b>Structured Type</b> : nature_of_connection_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Satl	'00'B		no satellite circuit in the connection
CntChl	'00'B		Continuity check not required
ECDI	'0'B		outgoing half echo control device not included
spare	'000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_NatCon_CntChl_01 <b>Structured Type</b> : nature_of_connection_indicators <b>Derivation Path</b> : s_NatCon. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
CntChl	'01'B		Continuity check required on this circuit
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_NatCon_CntChl_11 <b>Structured Type</b> : nature_of_connection_indicators <b>Derivation Path</b> : s_NatCon. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
CntChl	'11'B		spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_NatCon_CntChl_10 <b>Structured Type</b> : nature_of_connection_indicators <b>Derivation Path</b> : s_NatCon. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
CntChl	'10'B		Continuity check performed on a previous circuit
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_NatCon_ECDI_0 <b>Structured Type</b> : nature_of_connection_indicators <b>Derivation Path</b> : s_NatCon. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
ECDI	'0'B		Outgoing echo control device not included
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_NatCon_ECDI_1			
<b>Structured Type</b> : nature_of_connection_indicators			
<b>Derivation Path</b> : s_NatCon.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
ECDI	'1'B		Outgoing half echo control device included
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_NatCon_Satl(SatNb:BIT_2) <b>Structured Type</b> : nature_of_connection_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Satl	SatNb		passed number of satellite circuits
CntChl	'00'B		Continuity check not required
ECDI	'0'B		outgoing half echo control device not included
spare	'000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_NetManCon <b>Structured Type</b> : network_management_controls <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01011011'B		
length	?		
TAR_indicator	?		
spare	'000000'B		
Extl	'1'B		last octet
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_NetManCon_TAR_cont <b>Structured Type</b> : network_management_controls <b>Derivation Path</b> : r_NetManCon. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
TAR_indicator	'1'B		TAR controlled call.
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_NetManCon <b>Structured Type</b> : network_management_controls <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01011011'B		
length	'01'O		
TAR_indicator	'0'B		no indication
spare	'000000'B		
Extl	'1'B		last octet
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_NetManCon_TAR_cont <b>Structured Type</b> : network_management_controls <b>Derivation Path</b> : s_NetManCon. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
TAR_indicator	'1'B		TAR controlled call.
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_NtwFac			
<b>Structured Type</b> : network_specific_facility			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101111'B		
length	?		
NtwFac_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_OBCI <b>Structured Type</b> : optional_backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101001'B		no indication
length	'01'O		
InBndInfl	?		
CDmo	?		
Sgml	?		
MLPPUsrl	'0'B		
spare	'0000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_OFCl_no_segm <b>Structured Type</b> : optional_forward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001000'B		
length	'01'O		
CUGCI	'00'B		non-CUG call
Sgml	'0'B		no additional information will be sent
spare	'0000'B		
COLRql	'0'B		not requested
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_OFCl_segm			
<b>Structured Type</b> : optional_forward_call_indicators			
<b>Derivation Path</b> : r_s_OFCl_no_segm.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Sgml	'1'B		additional information will be sent in a Segmentation message
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_OFCl_CUGCl_01 <b>Structured Type</b> : optional_forward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001000'B		
length	'01'O		
CUGCl	'01'B		spare
Sgml	'0'B		no additional information will be sent
spare	'0000'B		
COLRql	'0'B		not requested
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_OriCdNb <b>Structured Type</b> : original_called_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101000'B		ISDN numbering plan (E.164)
length	?		
NatAdrl	?		
OdEvl	?		
spare_1	'00'B		
APRI	?		
NbPl	'001'B		
spare_2	'0'B		
AdSg	?		
Filler	'0'H IF_PRESENT		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_OriCdNb_APRI_01			
<b>Structured Type</b> : original_called_number			
<b>Derivation Path</b> : r_OriCdNb.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
APRI	'01'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_OriCdNb_NatAdrl_7F			
<b>Structured Type</b> : original_called_number			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101000'B		spare Even number of address digits  Presentation allowed ISDN numbering plan (E.164)
length	'07'O		
NatAdrl	'11111111'B		
OdEvl	'0'B		
spare_1	'00'B		
APRI	'00'B		
NbPI	'001'B		
spare_2	'0'B		
AdSg	'4991232793'H		
Filler	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_OriCdNb_NbPI_101 <b>Structured Type</b> : original_called_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101000'B		
length	'07'O		
NatAdrl	'0000100'B		international number
OdEvl	'0'B		Even number of address digits
spare_1	'00'B		
APRI	'00'B		Presentation allowed
NbPI	'101'B		reserved for national use
spare_2	'0'B		
AdSg	'4991232793'H		
Filler	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_OriCdNb_APRI_11			
<b>Structured Type</b> : original_called_number			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101000'B		international number Even number of address digits  spare ISDN numbering plan (E.164)
length	'07'O		
NatAdrl	'0000100'B		
OdEvl	'0'B		
spare_1	'00'B		
APRI	'11'B		
NbPl	'001'B		
spare_2	'0'B		
AdSg	'4991232793'H		
Filler	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_OriCdNb_Filler_F <b>Structured Type</b> : original_called_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101000'B		
length	'08'O		
NatAdrl	'0000100'B		international number
OdEvl	'1'B		Odd number of address digits
spare_1	'00'B		
APRI	'00'B		Presentation allowed
NbPl	'001'B		ISDN numbering plan (E.164)
spare_2	'0'B		
AdSg	'49912313925'H		
Filler	'F'H		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_OrilSC			
<b>Structured Type</b> : origination_ISC_point_code			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101011'B		
length	'02'O		
OrilSC_contents	?		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ParCmp <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	?		
UParid_1	?		
Transl_1	?		
RIsCI_1	?		
SendNfl_1	?		
DMsgl_1	?		
DParl_1	?		
PassNPI_1	?		
Extl_1	?		
UParid_2	*		
Instrl_2	*		
Extl_2	*		
UParid_3	*		
Instrl_3	*		
Extl_3	*		
UParid_4	*		
Instrl_4	*		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	*		
UParid_5	*		
Instrl_5	*		
Extl_5	*		
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ParCmp_pass_on_A1(val_PType: BIT_8) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	val_PType		
Transl_1	'1'B		end node interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	'1'B		send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'0'B		do not discard parameter (pass on)
PassNPI_1	'00'B		release call
Extl_1	?		
UParid_2	*		
Instrl_2	*		
Extl_2	*		
UParid_3	*		
Instrl_3	*		
Extl_3	*		
UParid_4	*		
Instrl_4	*		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	*		
UParid_5	*		
Instrl_5	*		
Extl_5	*		
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ParCmp_pass_on_A0(val_PType: BIT_8) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : r_ParCmp_pass_on_A1. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Transl_1	'0'B		transit interpretation
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ParCmp_transit(val_PType: BIT_8) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	val_PType		
Transl_1	'0'B		transit interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	'0'B		do not send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'1'B		discard parameter
PassNPI_1	'00'B		release call
Extl_1	?		
UParid_2	*		
Instrl_2	*		
Extl_2	*		
UParid_3	*		
Instrl_3	*		
Extl_3	*		
UParid_4	*		
Instrl_4	*		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	*		
UParid_5	*		
Instrl_5	*		
Extl_5	*		
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	'00000000'B		to be filled in
Transl_1	'0'B		transit interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	'0'B		do not send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'0'B		do not discard parameter (pass on)
PassNPI_1	'00'B		
Extl_1	'1'B		last octet
UParid_2	—		
Instrl_2	—		
Extl_2	—		
UParid_3	—		
Instrl_3	—		
Extl_3	—		
UParid_4	—		
Instrl_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
Detailed Comments :			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_rel_A1(val_PType: BIT_8) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	val_PType		
Transl_1	'1'B		end node interpretation
RIsCI_1	'1'B		release call
SendNfl_1	'1'B		send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'0'B		do not discard parameter (pass on)
PassNPI_1	'00'B		release call
Extl_1	'1'B		last octet
UParid_2	—		
Instrl_2	—		
Extl_2	—		
UParid_3	—		
Instrl_3	—		
Extl_3	—		
UParid_4	—		
Instrl_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_rel_A0(val_PType: BIT_8)			
<b>Structured Type</b> : parameter_compatibility_information			
<b>Derivation Path</b> : s_ParCmp_rel_A1.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Transl_1	'0'B		transit interpretation
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_discm(val_PType: BIT_8; v_A: BIT_1; v_C: BIT_1) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	val_PType		
Transl_1	v_A		end node interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	v_C		do not send notification
DMsgl_1	'1'B		discard message
DParl_1	'0'B		do not discard parameter (pass on)
PassNPI_1	'00'B		release call
Extl_1	'1'B		last octet
UParid_2	—		
Instrl_2	—		
Extl_2	—		
UParid_3	—		
Instrl_3	—		
Extl_3	—		
UParid_4	—		
Instrl_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_discp(val_PType: BIT_8; v_A:BIT_1; v_C: BIT_1) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	val_PType		
Transl_1	v_A		end node interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	v_C		do not send notification
DMsgI_1	'0'B		do not discard message (pass on)
DParI_1	'1'B		discard parameter
PassNPI_1	'00'B		release call
ExtI_1	'1'B		last octet
UParid_2	—		
InstrI_2	—		
ExtI_2	—		
UParid_3	—		
InstrI_3	—		
ExtI_3	—		
UParid_4	—		
InstrI_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_no_pass_rel_A1(val_PType: BIT_8) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	val_PType		
Transl_1	'1'B		end node interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	'1'B		send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'0'B		do not discard parameter (pass on)
PassNPI_1	'00'B		release call
Extl_1	'1'B		last octet
UParid_2	—		
Instrl_2	—		
Extl_2	—		
UParid_3	—		
Instrl_3	—		
Extl_3	—		
UParid_4	—		
Instrl_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_no_pass_rel_A0(val_PType: BIT_8)			
<b>Structured Type</b> : parameter_compatibility_information			
<b>Derivation Path</b> : s_ParCmp_no_pass_rel_A1.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Transl_1	'0'B		transit interpretation
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_pass_discm(val_PType: BIT_8; v_A: BIT_1; v_C: BIT_1) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	val_PType		
Transl_1	v_A		transit interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	v_C		do not send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'0'B		do not discard parameter (pass on)
PassNPI_1	'10'B		discard message
Extl_1	'1'B		last octet
UParid_2	—		
Instrl_2	—		
Extl_2	—		
UParid_3	—		
Instrl_3	—		
Extl_3	—		
UParid_4	—		
Instrl_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_pass_discp(val_PType: BIT_8; v_A:BIT_1; v_C:BIT_1) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	val_PType		
Transl_1	v_A		transit interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	v_C		do not send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'0'B		do not discard parameter (pass on)
PassNPI_1	'01'B		discard parameter
Extl_1	'1'B		last octet
UParid_2	—		
Instrl_2	—		
Extl_2	—		
UParid_3	—		
Instrl_3	—		
Extl_3	—		
UParid_4	—		
Instrl_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_PDC			
<b>Structured Type</b> : parameter_compatibility_information			
<b>Derivation Path</b> : s_ParCmp.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	'00110001'B		PDC parameter
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_CHInf			
<b>Structured Type</b> : parameter_compatibility_information			
<b>Derivation Path</b> : s_ParCmp.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		CHInf parameter
length	'02'O		
UParid_1	'00101101'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_pass_on_A0(val_PType: BIT_8) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	val_PType		
Transl_1	'0'B		transit interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	'1'B		do not send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'0'B		do not discard parameter (pass on)
PassNPI_1	'00'B		release call
Extl_1	'1'B		last octet
UParid_2	—		
Instrl_2	—		
Extl_2	—		
UParid_3	—		
Instrl_3	—		
Extl_3	—		
UParid_4	—		
Instrl_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_pass_on_A1(val_PType: BIT_8)			
<b>Structured Type</b> : parameter_compatibility_information			
<b>Derivation Path</b> : s_ParCmp_pass_on_A0.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Transl_1	'1'B		end node interpretation
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_transit(val_PType: BIT_8) <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'02'O		
UParid_1	val_PType		
Transl_1	'0'B		transit interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	'0'B		do not send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'1'B		discard parameter
PassNPI_1	'00'B		release call
Extl_1	'1'B		last octet
UParid_2	—		
Instrl_2	—		
Extl_2	—		
UParid_3	—		
Instrl_3	—		
Extl_3	—		
UParid_4	—		
Instrl_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_GenNb_GenNot <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'04'O		
UParid_1	'11000000'B		Generic number
Transl_1	'0'B		transit interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	'0'B		do not send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'1'B		discard parameter
PassNPI_1	'10'B		discard parameter
Extl_1	'0'B		not last octet
UParid_2	'00101100'B		generic notification
Instrl_2	'1000000'B		
Extl_2	'1'B		last octet
UParid_3	—		
Instrl_3	—		
Extl_3	—		
UParid_4	—		
Instrl_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_ParCmp_TMRp_USIp <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	'04'O		
UParid_1	'00111110'B		TMRp
Transl_1	'1'B		transit interpretation
RIsCI_1	'0'B		do not release call
SendNfl_1	'0'B		do not send notification
DMsgl_1	'0'B		do not discard message (pass on)
DParl_1	'1'B		discard parameter
PassNPI_1	'10'B		discard parameter
Extl_1	'0'B		not last octet
UParid_2	'00110000'B		USIp
Instrl_2	'1010001'B		
Extl_2	'1'B		last octet
UParid_3	—		
Instrl_3	—		
Extl_3	—		
UParid_4	—		
Instrl_4	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_4	—		
UParid_5	—		
Instrl_5	—		
Extl_5	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_PDC <b>Structured Type</b> : propagation_delay_counter <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110001'B		
length	'02'O		
PDC_field	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_PDC <b>Structured Type</b> : propagation_delay_counter <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110001'B		
length	'02'O		
PDC_field	'0000'O		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RngSts <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		
Range	?		
Status	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	TSP_RngSts_len		
Range	TSP_GrpRange		max value '1E'
Status	TSP_Status		max 4 octets
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts_0CICs <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'02'O		
Range	'00'O		
Status	'01'O		one status bit set
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts_33CICs			
<b>Structured Type</b> : range_and_status			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'06'O		33 affected CICs
Range	'20'O		
Status	'FFFFFFFF01'O		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RngSts_Unequipped_CGB			
<b>Structured Type</b> : range_and_status			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		max value '1E'
Range	?		
Status	?		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts_Unequipped_CGB <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'02'O		
Range	TSP_GrpRange		max value '1E'
Status	TSP_Status_unequipped_CGB		max 4 octets
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RngSts_Part1 <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		
Range	?		
Status	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RngSts_any <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		
Range	?		
Status	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RngSts_Part2 <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		
Range	?		
Status	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts_Part2 <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'02'O		
Range	TSP_GrpRange2		
Status	TSP_Status		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RngSts_CICXY			
<b>Structured Type</b> : range_and_status			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'02'O		2 affected CICs
Range	'01'O		
Status	'03'O		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts_CICXY			
<b>Structured Type</b> : range_and_status			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'02'O		2 affected CICs
Range	'01'O		
Status	'03'O		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_RngSts_1CIC			
<b>Structured Type</b> : range_and_status			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'02'O		2 affected CICs
Range	'01'O		
Status	'01'O		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RngSts_grs <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'01'O		
Range	?		
Status	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts_grs <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'01'O		
Range	TSP_GrpRange		max value '1E'
Status	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RngSts_gra <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		
Range	?		
Status	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts_gra <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	'02'O		
Range	TSP_GrpRange		max value '1E'
Status	TSP_Status		max 4 octets, 1_2_6 '00'O
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RngSts_all_contrl <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		
Range	?		
Status	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts_Rng0 <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : s_RngSts_grs. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Range	'00'O		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts_Rng33 <b>Structured Type</b> : range_and_status <b>Derivation Path</b> : s_RngSts_grs. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Range	'20'O		33 CICs
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RngSts_default(len, range: OCT_1; stat: OCT_1_32)			
<b>Structured Type</b> : range_and_status			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	len		
Range	range		max value '1E'
Status	stat		max 4 octets
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RgNb <b>Structured Type</b> : redirecting_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001011'B		ISDN numbering plan (E.164)
length	?		
NatAdrl	?		
OdEvl	?		
spare1	?		
APRI	?		
NbPl	'001'B		
spare2	'0'B		
AdSg	?		
Filler	'0'H IF_PRESENT		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RgNb_APRI_01			
<b>Structured Type</b> : redirecting_number			
<b>Derivation Path</b> : r_RgNb.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
APRI	'01'B		presentation restricted
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RgNb_Filler_0			
<b>Structured Type</b> : redirecting_number			
<b>Derivation Path</b> : r_RgNb.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Filler	'0'H		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RgNb_NatAdrl_07			
<b>Structured Type</b> : redirecting_number			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001011'B		spare Even number of address digits  Presentation allowed ISDN numbering plan (E.164)
length	'07'O		
NatAdrl	'0000111'B		
OdEvl	'0'B		
spare1	'00'B		
APRI	'00'B		
NbPI	'001'B		
spare2	'0'B		
AdSg	'4991232793'H		
Filler	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RgNb_Scrl_00 <b>Structured Type</b> : redirecting_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001011'B		
length	'07'O		
NatAdrl	'0000100'B		international number
OdEvl	'0'B		Even number of address digits
spare1	'00'B		
APRI	'00'B		Presentation allowed
NbPI	'001'B		ISDN numbering plan (E.164)
spare2	'0'B		
AdSg	'4991232793'H		
Filler	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RgNb_NbPI_101 <b>Structured Type</b> : redirecting_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001011'B		
length	'07'O		
NatAdrl	'0000100'B		international number
OdEvl	'0'B		Even number of address digits
spare1	'00'B		
APRI	'00'B		Presentation allowed
NbPI	'101'B		reserved for national use
spare2	'0'B		
AdSg	'4991232793'H		
Filler	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RgNb_APRI_11 <b>Structured Type</b> : redirecting_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001011'B		
length	'07'O		
NatAdrl	'0000100'B		international number
OdEvl	'0'B		Even number of address digits
spare1	'00'B		
APRI	'11'B		spare
NbPl	'001'B		ISDN numbering plan (E.164)
spare2	'0'B		
AdSg	'4991232793'H		
Filler	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RgNb_Filler_1			
<b>Structured Type</b> : redirecting_number			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001011'B		international number Odd number of address digits  Presentation allowed ISDN numbering plan (E.164)
length	'08'O		
NatAdrl	'0000011'B		
OdEvl	'1'B		
spare1	'00'B		
APRI	'00'B		
NbPI	'001'B		
spare2	'0'B		
AdSg	'49912313925'H		
Filler	'1'H		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RnInf <b>Structured Type</b> : redirection_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010011'B		
length	'02'O		
Rglc	?		
spare_1	'0'B		
OriRnReas	?		
RnCnt	?		
spare_2	'0'B		
RgReas	?		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RnInf_Rglc_100 <b>Structured Type</b> : redirection_information <b>Derivation Path</b> : r_RnInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Rglc	'100'B		call diversion, all redirection information presentation restricted
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RnInf_OriRnReas_0000 <b>Structured Type</b> : redirection_information <b>Derivation Path</b> : r_RnInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OriRnReas	'0000'B		unknown/not available
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RnInf_RnCnt_5 <b>Structured Type</b> : redirection_information <b>Derivation Path</b> : r_RnInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
RnCnt	'101'B		5 forwardings
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RnInf_RgReas_0000 <b>Structured Type</b> : redirection_information <b>Derivation Path</b> : r_RnInf. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
RgReas	'0000'B		unknown/not available
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RnInf_Rglc_111 <b>Structured Type</b> : redirection_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010011'B		
length	'02'O		
Rglc	'111'B		spare
spare_1	'0'B		
OriRnReas	'0000'B		unknown/not available
RnCnt	'010'B		
spare_2	'0'B		
RgReas	'0011'B		unconditional
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RnInf_OriRnReas_F <b>Structured Type</b> : redirection_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010011'B		
length	'02'O		
Rglc	'011'B		call diversion
spare_1	'0'B		
OriRnReas	'1111'B		spare
RnCnt	'010'B		
spare_2	'0'B		
RgReas	'0011'B		unconditional
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RnInf_RnCnT_7 <b>Structured Type</b> : redirection_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010011'B		
length	'02'O		
Rglc	'011'B		call diversion
spare_1	'0'B		
OriRnReas	'0000'B		unknown/not available
RnCnT	'111'B		
spare_2	'0'B		
RgReas	'0011'B		unconditional
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RnInf_RgReas_7 <b>Structured Type</b> : redirection_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010011'B		
length	'02'O		
Rglc	'011'B		call diversion
spare_1	'0'B		
OriRnReas	'0000'B		unknown/not available
RnCnt	'010'B		
spare_2	'0'B		
RgReas	'0111'B		spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RnNb <b>Structured Type</b> : redirection_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001100'B		
length	?		
NatAdrl	('0000011'B, '0000100'B)		national (significant) number OR international number
OdEvl	?		
spare	?		
NbPl	'001'B		ISDN numbering plan (E.164)
INtwNbl	?		internal network number indicator
AdSg	?		
Filler	'0'H IF_PRESENT		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RnNb_Filler_0			
<b>Structured Type</b> : redirection_number			
<b>Derivation Path</b> : r_RnNb.			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OdEvl	'1'B		Odd number of address signals
Filler	'0'H		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RnNb <b>Structured Type</b> : redirection_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001100'B		
length	'08'O		
NatAdrl	'0000100'B		international number
OdEvl	'0'B		even number of address digits
spare	'0000'B		spare
NbPl	'001'B		ISDN numbering plan (E.164)
INtwNbl	'0'B		routing to internal network nb allowed
AdSg	'49912313925'H		
Filler	'0'H		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_RnNb_Filler <b>Structured Type</b> : redirection_number <b>Derivation Path</b> : s_RnNb. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Filler	'F'H		invalid Filler contents
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RnNbRes <b>Structured Type</b> : redirection_number_restriction <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01000000'B		
length	'01'O		
RnNbRes_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_RemOp <b>Structured Type</b> : remote_operations <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110010'B		
length	?		
RemOp_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_SCFid <b>Structured Type</b> : SCF_id <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01100110'B		
length	?		
SCF_id	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_SCFid <b>Structured Type</b> : SCF_id <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01100110'B		
length	'01'O		
SCF_id	'00'O		See Q.1218
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_ServAct <b>Structured Type</b> : service_activation <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110011'B		
length	?		
ServAct_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_SPC			
<b>Structured Type</b> : signalling_point_code			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00011110'B		
length	'02'O		
SPC_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_SubNb(val_number: HEX_N) <b>Structured Type</b> : subsequent_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		
spare	'0000000'B		
OdEvl	?		
AdSg	val_number		
Filler	'0'H IF_PRESENT		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_SubNb_Filler_0(val_number: HEX_N) <b>Structured Type</b> : subsequent_number <b>Derivation Path</b> : r_SubNb. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
OdEvl	'1'B		Odd
Filler	'0'H		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_SubNb(val_SubNb: HEX_N) <b>Structured Type</b> : subsequent_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	TSO_SubNb_len(val_SubNb)		
spare	'0000000'B		
OdEvl	TSO_OddEven(val_SubNb)		
AdSg	val_SubNb		
Filler	TSO_Filler(val_SubNb)		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_SubNb_D(val_SubNb: HEX_N) <b>Structured Type</b> : subsequent_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	TSO_SubNb_len(TSO_hex_strcat(val_SubNb, 'D'H))		
spare	'00000000'B		
OdEvl	TSO_OddEven(TSO_hex_strcat(val_SubNb, 'D'H))		
AdSg	TSO_hex_strcat(val_SubNb, 'D'H)		
Filler	TSO_Filler(TSO_hex_strcat(val_SubNb, 'D'H))		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_SubNb_Filler_7(val_SubNb: HEX_N) <b>Structured Type</b> : subsequent_number <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	TSO_SubNb_len(val_SubNb)		Odd number of address digits
spare	'0000000'B		
OdEvl	'1'B		
AdSg	val_SubNb		
Filler	'7'H		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_SusRes_ntw_init			
<b>Structured Type</b> : suspend_resume_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
SusRes_field	'1'B		network initiated
spare	'0000000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_TNtwSel <b>Structured Type</b> : transit_network_selection <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100011'B		
length	?		
TNtwSel_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_TMRp <b>Structured Type</b> : transmission_medium_requirement_prime <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111110'B		
length	'01'O		
TMRp_field	('00000000'B, '0000011'B)		Speech or 3.1 kHz audio
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_TMRp <b>Structured Type</b> : transmission_medium_requirement_prime <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111110'B		
length	'01'O		
TMRp_field	'00000000'B		Speech
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_TMU <b>Structured Type</b> : transmission_medium_used <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110101'B		
length	'01'O		
TMU_field	('00000000'B, '00000011'B)		Speech or 3.1 kHz audio
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_TMU			
<b>Structured Type</b> : transmission_medium_used			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110101'B		
length	'01'O		
TMU_field	'00000000'B		Speech
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_UIDAcInd <b>Structured Type</b> : UID_action_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110100'B		
length	?		
ThConInsInd	?		
T9InsInd	?		
spare	'000000'B		/17/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_UIDAcInd <b>Structured Type</b> : UID_action_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110100'B		
length	'01'O		
ThConInsInd	'0'B		no indication
T9InsInd	'0'B		no indication
spare	'000000'B		/18/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_UIDcapInd <b>Structured Type</b> : UID_capability_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110101'B		
length	?		
through_connection_indicator	?		
T9_timer_indicator	?		
spare	'000000'B		/19/ TJS
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_UIDcapInd <b>Structured Type</b> : UID_capability_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01110101'B		
length	'01'O		
through_connection_indicator	'0'B		no indication
T9_timer_indicator	'0'B		no indication
spare	'000000'B		/20/ TJS
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_USI <b>Structured Type</b> : user_service_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00011101'B		
length	?		
InfTrC	?		
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		
InfTR	'10000'B		64 kbit/s
TrMod	'00'B		Circuit mode
Extl_2	'1'B		
RatMul	—		
Extl_2a	—		
UInf1	('00010'B, '00011'B)		G.711 A-law or u-law
Lay1	'01'B		
Extl_3	'1'B		last octet for Layer 1
UsrRate	—		
Negot	—		
SynAsyn	—		
Extl_3a	—		
Bits_3b	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_3b	—		Recommendation Q.921/I.441 [3]
Prtty	—		
NDatBit	—		
NStpBit	—		
Extl_3c	—		
MdmTyp	—		
DupMod	—		
Extl_3d	—		
UInf2	'00010'B IF_PRESENT		
Lay2	'10'B IF_PRESENT		
Extl_4	'1'B IF_PRESENT		Recommendation Q.931/I.451
UInf3	'00010'B IF_PRESENT		
Lay3	'11'B IF_PRESENT		
Extl_5	'1'B IF_PRESENT		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_USI <b>Structured Type</b> : user_service_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00011101'B		
length	'03'O		
InfTrC	'00000'B		Speech
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		
InfTR	'10000'B		64 kbit/s
TrMod	'00'B		Circuit mode
Extl_2	'1'B		
RatMul	—		
Extl_2a	—		
UInf1	'00011'B		G.711 A-law
Lay1	'01'B		
Extl_3	'1'B		last octet for Layer 1
UsrRate	—		
Negot	—		
SynAsyn	—		
Extl_3a	—		
Bits_3b	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_3b	—		
Prtty	—		
NDatBit	—		
NStpBit	—		
Extl_3c	—		
MdmTyp	—		
DupMod	—		
Extl_3d	—		
UInf2	—		
Lay2	—		
Extl_4	—		
UInf3	—		
Lay3	—		
Extl_5	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_USI_64kbps(rate: BIT_5) <b>Structured Type</b> : user_service_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00011101'B		
length	'07'O		
InfTrC	'01000'B		Unrestricted digital information
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		
InfTR	'10000'B		64 kbit/s
TrMod	'00'B		Circuit mode
Extl_2	'1'B		
RatMul	—		
Extl_2a	—		
UInf1	'00001'B		CCITT standardized rate adaption V.110/X.30
Lay1	'01'B		
Extl_3	'0'B		not last octet for Layer 1
UsrRate	rate		
Negot	'0'B		in-band negotiation not possible
SynAsyn	'1'B		asynchronous
Extl_3a	'0'B		not last octet for Layer 1

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Bits_3b	'0000110'B		can accept data with flow control mechanism and required to send data with flow control mechanism
Extl_3b	'0'B		not last octet for Layer 1
PrtY	'000'B		odd
NDatBit	'11'B		8 bits
NStpBit	'01'B		1 bit
Extl_3c	'0'B		
MdmTyp	'011100'B		V.32
DupMod	'1'B		full duplex
Extl_3d	'1'B		last octet for Layer 1
UInf2	—		
Lay2	—		
Extl_4	—		
UInf3	—		
Lay3	—		
Extl_5	—		
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_USI_3_1kHz <b>Structured Type</b> : user_service_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00011101'B		
length	'03'O		
InfTrC	'10000'B		3.1 kHz audio
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		
InfTR	'10000'B		64 kbit/s
TrMod	'00'B		Circuit mode
Extl_2	'1'B		
RatMul	—		
Extl_2a	—		
UInf1	'00011'B		G.711 A-law
Lay1	'01'B		
Extl_3	'1'B		last octet for Layer 1
UsrRate	—		
Negot	—		
SynAsyn	—		
Extl_3a	—		
Bits_3b	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_3b	—		
PrtY	—		
NDatBit	—		
NStpBit	—		
Extl_3c	—		
MdmTyp	—		
DupMod	—		
Extl_3d	—		
UInf2	—		
Lay2	—		
Extl_4	—		
UInf3	—		
Lay3	—		
Extl_5	—		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_USlp <b>Structured Type</b> : user_service_information_prime <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110000'B		
length	?		
InfTrC	'10001'B		Speech
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		
InfTR	'10000'B		64 kbit/s
TrMod	'00'B		Circuit mode
Extl_2	'1'B		
RatMul	—		
Extl_2a	—		
UInf1	('00010'B, '00011'B)		G.711 A-law or u-law
Lay1	'01'B		
Extl_3	'1'B		last octet for Layer 1
UsrRate	—		
Negot	—		
SynAsyn	—		
Extl_3a	—		
Bits_3b	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_3b	—		
Prtý	—		
NDatBit	—		
NStpBit	—		
Extl_3c	—		
MdmTyp	—		
DupMod	—		
Extl_3d	—		
UInf2	'00010'B IF_PRESENT		Recommendation Q.921/I.441 [3]
Lay2	'10'B IF_PRESENT		
Extl_4	'1'B IF_PRESENT		
UInf3	'00010'B IF_PRESENT		Recommendation Q.931/I.451
Lay3	'11'B IF_PRESENT		
Extl_5	'1'B IF_PRESENT		
Detailed Comments :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_USIp <b>Structured Type</b> : user_service_information_prime <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110000'B		
length	'03'O		
InfTrC	'10001'B		unrestricted digital information with tones/announcements
CodS	'00'B		CCITT standardized coding
Extl_1	'1'B		
InfTR	'10000'B		64 kbit/s
TrMod	'00'B		Circuit mode
Extl_2	'1'B		
RatMul	—		
Extl_2a	—		
UInf1	'00011'B		G.711 A-law
Lay1	'01'B		
Extl_3	'1'B		last octet for Layer 1
UsrRate	—		
Negot	—		
SynAsyn	—		
Extl_3a	—		
Bits_3b	—		

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Structured Type Constraint Declaration			
Element Name	Element Value	Element Encoding	Comments
Extl_3b	—		
PrtY	—		
NDatBit	—		
NStpBit	—		
Extl_3c	—		
MdmTyp	—		
DupMod	—		
Extl_3d	—		
UInf2	—		
Lay2	—		
Extl_4	—		
UInf3	—		
Lay3	—		
Extl_5	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_UTI <b>Structured Type</b> : user_teleservice_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110100'B		High layer protocol profile First high layer characteristics identification CCITT standardized coding
length	('02'O, '03'O)		
Pres	'01'B		
Interpr	'100'B		
CodS	'00'B		
Extl_1	'1'B		
HLChrInf	?		
Extl_2	?		
ExHLChrInf	*		
Extl_2a	*		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_UUInd			
<b>Structured Type</b> : user_to_user_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101010'B		
length	'01'O		
Type	?		
Serv1	?		
Serv2	?		
Serv3	?		
NtwDI	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_UUInd_request <b>Structured Type</b> : user_to_user_indicators <b>Derivation Path</b> : r_UUInd. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Type	'0'B		Request
NtwDI	'0'B		Spare
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_UUInd_response <b>Structured Type</b> : user_to_user_indicators <b>Derivation Path</b> : r_UUInd. <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
Type	'1'B		Request
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_UUInd_request <b>Structured Type</b> : user_to_user_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101010'B		
length	'01'O		
Type	'0'B		request
Serv1	'00'B		no information
Serv2	'00'B		no information
Serv3	'00'B		no information
NtwDI	'0'B		spare (because Type = request)
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_UUInd_response <b>Structured Type</b> : user_to_user_indicators <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101010'B		
length	'01'O		
Type	'1'B		response
Serv1	'00'B		no information
Serv2	'00'B		no information
Serv3	'00'B		no information
NtwDI	'0'B		no information
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_UUInf			
<b>Structured Type</b> : user_to_user_information			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100000'B		
length	?		
UUInf_contents	?		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : s_UUInf			
<b>Structured Type</b> : user_to_user_information			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100000'B		
length	'34'O		
UUInf_contents	'48616C6C646F722C204E6F726 265727420616E64204D6972636 561207769736820796F75206120 676F6F642074657374696E672E' O		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : r_s_unknown_par(val_r_s_unknown_par: BIT_8) <b>Structured Type</b> : unknown_parameter <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	val_r_s_unknown_par		
length	'01'O		
unkn_par_contents	'55'O		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : c_dss1_BCAP1 <b>Structured Type</b> : BCAP <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> : Bearer capability information element			
Element Name	Element Value	Element Encoding	Comments
bcap_i	'00000100'B		
bcap_l	TSV_BCAPL		
bcap_con	TSV_BCAPV		
<b>Detailed Comments</b> : TSV_BCAPV and TSV_BCAPL are test suite parameters.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : c_dss1_CAU(CVAL: INTEGER)			
<b>Structured Type</b> : CAU			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> : Cause information element			
Element Name	Element Value	Element Encoding	Comments
cau_i	'00001000'B		(1)
cau_l	'00000010'B		
cau_e3_loc	'10000000'B		
cau_e4_rec	–		
cau_e5_cv1	'1'B		
cau_e5_cv2	INT_TO_BIT(CVAL,7)		
cau_di	–		
<b>Detailed Comments</b> : Send constraint with parametrised cause value.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : c_dss1_CDPN1(LIPN, IPN: OCTETSTRING)			
<b>Structured Type</b> : CDPN			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
cdpn_i	'01110000'B		
cdpn_l	LIPN		
cdpn_e3_npi	TSV_CDPNOCTET3		
cdpn_e4_nd	IPN		
<b>Detailed Comments</b> : Constraint with parametrised length value and number digits; TSV_CDPNOCTET3 is a test suite parameter			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : c_dss1_CR18(CALL_REF: BIT7OR15) <b>Structured Type</b> : CR <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> : Call reference with parametrized flag value.			
Element Name	Element Value	Element Encoding	Comments
cr_l	INT_TO_BIT(TSV_CRLENGTH,8)		
cr_f	'1'B		
cr_r	CALL_REF		
<b>Detailed Comments</b> : Constraint with parametrised Call reference flag and Call reference value. The value of cr_l determined by the Test suite parameter TSV_CRLENGTH is either '00000001' B for basic access or '00000010'B for primary rate access.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : c_dss1_CR32(CALL_REF: BIT7OR15)			
<b>Structured Type</b> : CR			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> : This CR can be used for outgoing and incoming calls.			
Element Name	Element Value	Element Encoding	Comments
cr_l	INT_TO_BIT(TSV_CRLENGTH,8)		(1)
cr_f	?		
cr_r	CALL_REF		
<b>Detailed Comments</b> : &COMMON_N10 Constraint with parametrised Call reference value. The value of cr_l determined by the Test suite parameter TSV_CRLENGTH is either '00000001' B for basic access or '00000010' B for primary rate access. (1) Any Call reference flag value is acceptable.			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : c_dss1_HLC1 <b>Structured Type</b> : HLC <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> : High layer compatibility information element			
Element Name	Element Value	Element Encoding	Comments
hlc_i	'01111101'B		
hlc_l	TSV_HLCL		
hlc_con	TSV_HLCV		
<b>Detailed Comments</b> : TSV_HLCV and TSV_HLCL are test suite parameters.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : c_dss1_LLC1 <b>Structured Type</b> : LLC <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> : Low layer compatibility information element			
Element Name	Element Value	Element Encoding	Comments
llc_i	'01111100'B		
llc_l	TSV_LLCL		
llc_con	TSV_LLCV		
<b>Detailed Comments</b> : TSV_LLCV and TSV_LLCL are test suite parameters.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : c_dss1_NOID(val:OCTETSTRING)			
<b>Structured Type</b> : NOID			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> : Notification indicator information element			
Element Name	Element Value	Element Encoding	Comments
noid_i	'00100111'B		
noid_l	'00000001'B		
noid_e3_nd	val		(1)
<b>Detailed Comments</b> : (1) Any value acceptable for the Notification description.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : c_dss1_UUI1 (LENGTH : INTEGER; INFORMATION : OCTETSTRING)			
<b>Structured Type</b> : UUI			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> : Info Element User–User			
Element Name	Element Value	Element Encoding	Comments
uui_i	'01111110'B		Identifier
uui_l	INT_TO_BIT(LENGTH,8)		Length
uui_pd	'00001000'B		Protocol discriminator
uui_uic	INFORMATION		User information
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CHI1b(BCH: BIT7OR8) <b>Structured Type</b> : CHI <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
chi_i	'00011000'B		Identifier
chi_l	'00000001'B		Length value present
chi_e3_p1	—		Not present
chi_e3_pe	—		Not present
chi_e3_p3	—		Not present
chi_e3_cs	BCH		Channel selection present
chi_e4	—		Not present
chi_e5_ch1	—		Not present
chi_e5_ch2	—		Not present
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CHI2b <b>Structured Type</b> : CHI <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
chi_i	'00011000'B		Identifier
chi_l	'00000000?'B		Length value present
chi_e3_p1	—		Not present
chi_e3_pe	—		Not present
chi_e3_p3	—		Not present
chi_e3_cs	'1000?0??'B IF_PRESENT		Channel selection present
chi_e4	—		Not present
chi_e5_ch1	—		Not present
chi_e5_ch2	—		Not present
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CHI6b <b>Structured Type</b> : CHI <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
chi_i	'00011000'B		Identifier
chi_l	'00000001'B		Length value present
chi_e3_p1	—		Not present
chi_e3_pe	—		Not present
chi_e3_p3	—		Not present
chi_e3_cs	'1000?0??'B		Channel selection present
chi_e4	—		Not present
chi_e5_ch1	—		Not present
chi_e5_ch2	—		Not present
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CHI3p <b>Structured Type</b> : CHI <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
chi_i	'00011000'B		Identifier
chi_l	'000000??'B		Length value present
chi_e3_p1	'1010'B IF_PRESENT		
chi_e3_pe	? IF_PRESENT		
chi_e3_p3	'0??'B IF_PRESENT		
chi_e3_cs	–		Not present
chi_e4	'10000011'B IF_PRESENT		
chi_e5_ch1	'1'B IF_PRESENT		Extension bit present
chi_e5_ch2	? IF_PRESENT		Channel selection present
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CHI5p(BCH: BIT7OR8) <b>Structured Type</b> : CHI <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
chi_i	'00011000'B		Identifier
chi_l	'00000011'B		Length value present
chi_e3_p1	'1010'B		
chi_e3_pe	'1'B		
chi_e3_p3	'001'B		
chi_e3_cs	–		Not present
chi_e4	'10000011'B		
chi_e5_ch1	'1'B		Extension bit present
chi_e5_ch2	BCH		Channel selection present
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : CHI9p <b>Structured Type</b> : CHI <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
chi_i	'00011000'B		Identifier
chi_l	'00000011'B		Length value present
chi_e3_p1	'1010'B		
chi_e3_pe	'1'B		
chi_e3_p3	'001'B		
chi_e3_cs	–		Not present
chi_e4	'10000011'B		
chi_e5_ch1	'1'B		Extension bit present
chi_e5_ch2	?		Channel selection present
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : tup_Routing_label(DPC,OPC: BIT_14; CIC: BIT_12)			
<b>Structured Type</b> : tup_routing_label			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
DestPC	DPC		
OrigPC	OPC		
CIC	CIC		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : tup_CLI <b>Structured Type</b> : tup_calling_line_identity <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
NatOfAdInd	'01'B		Nature of address indicator
spare_1	'0'B		
spare_2	'0'B		
NumOfAdSg	'0100'B		Number of address signals
CgLnAdSg	'1234'H		Calling line address signals
Filler	—		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : tup_CgPC( CPC : INTEGER ) <b>Structured Type</b> : tup_calling_partys_category <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
CgPC_field spare	INT_TO_BIT( CPC, 6 ) '00'B		spare '00'B
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : tup_ZOO <b>Structured Type</b> : tup_charge_information <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
ZoneInd GrpInd	'0000'B '0000'B		Zone indicator Group indicator
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : tup_FIO			
<b>Structured Type</b> : tup_first_indicator_octet			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
AAllnd	'1'B		Additional A-party information indicator
spare_1	'0'B		
CLlnd	'1'B		Calling line identity indicator
spare_2	'0'B		
CHlnd	'1'B		Charging information indicator
spare_3	'0'B		
spare_4	'0'B		
spare_5	'0'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : tup_Ind_cpx			
<b>Structured Type</b> : tup_indicator_octet_cpx			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> : Indicator octet used in the TUP CPI and CPR messages.			
Element Name	Element Value	Element Encoding	Comments
ClgPtyCtgInd	'1'B		Calling party category indicator
AAIInd	'1'B		Additional A-party information indicator
CHInd	'1'B		Charging information indicator
CLInd	'0'B		Calling line identity indicator
spare	'0000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : tup_Ind_msc			
<b>Structured Type</b> : tup_indicator_octet_msc			
<b>Derivation Path</b> :			
<b>Encoding Variation:</b>			
<b>Comments</b> : Indicator octet used in the TUP MSC message.			
Element Name	Element Value	Element Encoding	Comments
TypOfSigCall	'0'B		Type of signalling on call
spare	'000'B		
Filler	'0000'B		
<b>Detailed Comments :</b>			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : tup_MsgInd_acm <b>Structured Type</b> : tup_message_indicators_acm <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
TypOfAdCmpSgInd	'01'B		Type of address complete signal indicators
SubFreeInd	'1'B		Subscriber free indicator
InEchSupInd	'0'B		Incoming echo suppressor indicator
LstPtyRel	'0'B		Last party release
TmSupBfAns	'1'B		Time supervision before answer
spare	'00'B		
<b>Detailed Comments :</b>			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : tup_MsgInd_iax <b>Structured Type</b> : tup_message_indicators_iax <b>Derivation Path</b> : <b>Encoding Variation:</b> <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
SubNum	'01'B		Subscriber number
NatOfCrtInd	'00'B		Nature of circuit indicator
CntChkInd	'00'B		Continuity check indicator
EchSupInd	'0'B		Echo suppressor indicator
spare_1	'0'B		
spare_2	'0'B		
spare_3	'0'B		
SigPthInd	'0'B		Signalling path indicator
spare_4	'0'B		
<b>Detailed Comments :</b>			

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AB(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_acm(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AB_BCI(CICnr: BIT_12; v_CdPSI: BIT_2; v_ISDNAl:BIT_1 ) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_acm_BCI(TSP_SPB, TSP_SPA_R, CICnr, v_CdPSI, v_ISDNAl)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AB_TMU_SPEECH(CICnr: BIT_12)		
<b>ASP Type</b> : ACM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_acm_TMU_speech(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_BA(CICnr: BIT_12)		
<b>ASP Type</b> : ACM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_acm(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_BA_BCI(CICnr: BIT_12; v_CdPSI: BIT_2; v_ISDNAI:BIT_1 ) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_acm_BCI(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, v_CdPSI, v_ISDNAI)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_BA_BCI_ECDI_1(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_acm_BCI_ECDI_1(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_BA_BCI_ECDI_0_EchoInf_4(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_acm_BCI_ECDI_0_EchoInf_04(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	I/C echo dev not included and not available
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_BA_BCI_ECDI_1_EchoInf_4(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_acm_BCI_ECDI_1_EchoInf_4(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	I/C echo dev included
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_BA_BCI_ECDI_1_EchoInf_14(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_acm_BCI_ECDI_1_EchoInf_14(TSP_SPA_ R, TSP_SPB, TSP_SLS_R, CICnr)	I/C echo dev included
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_BA_BCI_ECDI_1_EchoInf_19(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_acm_BCI_ECDI_1_EchoInf_19(TSP_SPA_ R, TSP_SPB, TSP_SLS_R, CICnr)	I/C echo dev included, oni, or
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_BA_UUInd(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_acm_UUInd(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AC(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_acm(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AC_BCI(CICnr: BIT_12; v_CdPSI: BIT_2; v_ISDNAI:BIT_1 ) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_acm_BCI(TSP_SPC, TSP_SPA_L, CICnr, v_CdPSI, v_ISDNAI)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AC_BCI_ECDI_0_ECI_C(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_acm_BCI_ECDI_0_EchoInf_C(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AC_BCI_ECDI_1(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_acm_BCI_ECDI_1(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AC_BCI_ECDI_1_ECI_1(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_acm_BCI_ECDI_1_EchoInf_4(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AC_BCI_ECDI_1_ECI_4(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_acm_BCI_ECDI_1_EchoInf_4(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AC_BCI_ECDI_1_ECI_14(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_acm_BCI_ECDI_1_EchoInf_14(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AC_NO_RnNb(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_acm_no_RnNb(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AC_RnNb_Filler_0(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_acm_RnNb_Filler_0(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_AC_UUInd(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_acm_UUInd(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_CA(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_acm(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_CA_BCI(CICnr: BIT_12; v_CdPSI: BIT_2; v_ISDNAI:BIT_1 ) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_acm_BCI(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, v_CdPSI, v_ISDNAI)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_BA_RnNb(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_acm_RnNb(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_BA_RnNb_Filler(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_acm_RnNb_Filler(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ACM_CA_TMU_SPEECH(CICnr: BIT_12) <b>ASP Type</b> : ACM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_acm_TMU_speech(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_AB(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_anm(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_AB_TMU_SPEECH(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_anm_TMU_speech(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_BA(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_anm(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_BA_CHInf(CICnr: BIT_12; CHistInf:OCT_2) <b>ASP Type</b> : ANM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_anm_CHInf(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, CHistInf)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_BA_ConNb(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_anm_ConNb(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_BA_ConNb_Filler(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_anm_ConNb_Filler(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_AC(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_anm(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_AC_NO_ConNb(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_anm_no_ConNb(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_AC_ConNb(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_anm_ConNb(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_AC_ConNb_Filler(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_anm_ConNb_Filler_0(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_AC_CHInf(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_anm_CHInf(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_CA(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_anm(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_CA_CHInf(CICnr: BIT_12; CHistInf:OCT_2) <b>ASP Type</b> : ANM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_anm_CHInf(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, CHistInf)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : ANM_CA_TMU_SPEECH(CICnr: BIT_12) <b>ASP Type</b> : ANM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_anm_TMU_speech(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : BLA_AB(CICnr: BIT_12) <b>ASP Type</b> : BLA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_bla(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : BLA_AB_CICX <b>ASP Type</b> : BLA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_bla(TSP_SPB, TSP_SPA_R, TSP_GrpCIC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : BLA_AB_CICY <b>ASP Type</b> : BLA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_bla(TSP_SPB, TSP_SPA_R, cic1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : BLA_BA(CICnr: BIT_12) <b>ASP Type</b> : BLA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_bla(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : BLA_CA(CICnr: BIT_12) <b>ASP Type</b> : BLA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_bla(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : BLO_AB(CICnr: BIT_12) <b>ASP Type</b> : BLO_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_blo(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : BLO_AB_ANY <b>ASP Type</b> : BLO_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_blo_any(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : BLO_BA(CICnr: BIT_12) <b>ASP Type</b> : BLO_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_blo(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : BLO_BA_CICX <b>ASP Type</b> : BLO_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_blo(TSP_SPA_R, TSP_SPB, TSP_SLS_R, TSP_GrpCIC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : BLO_BA_CICY <b>ASP Type</b> : BLO_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_blo(TSP_SPA_R, TSP_SPB, TSP_SLS_R, cic1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : BLO_AC(CICnr: BIT_12) <b>ASP Type</b> : BLO_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_blo(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : CON_AB(CICnr: BIT_12) <b>ASP Type</b> : CON_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_con(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : CON_AB_TMU_SPEECH(CICnr: BIT_12)		
<b>ASP Type</b> : CON_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_con_TMU_speech(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CON_BA(CICnr: BIT_12)		
<b>ASP Type</b> : CON_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_con(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CON_AC(CICnr: BIT_12) <b>ASP Type</b> : CON_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_con(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : CON_CA(CICnr: BIT_12) <b>ASP Type</b> : CON_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_con(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : CON_CA_TMU_SPEECH(CICnr: BIT_12) <b>ASP Type</b> : CON_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_con_TMU_speech(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : COT_AB(CICnr: BIT_12) <b>ASP Type</b> : COT_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cot(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : COT_AC(CICnr: BIT_12) <b>ASP Type</b> : COT_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_cot(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : COT_BA(CICnr: BIT_12) <b>ASP Type</b> : COT_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cot(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : COT_AB_FAILED(CICnr: BIT_12) <b>ASP Type</b> : COT_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cot_fail(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : COT_BA_FAILED(CICnr: BIT_12) <b>ASP Type</b> : COT_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cot_fail(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : CCR_AB(CICnr: BIT_12) <b>ASP Type</b> : CCR_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_ccr(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CCR_BA(CICnr: BIT_12) <b>ASP Type</b> : CCR_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_ccr(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CFN_AB(CICnr: BIT_12) <b>ASP Type</b> : CFN_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cfn(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CFN_AB_C97_MXX(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : CFN_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cfn_c97(TSP_SPB, TSP_SPA_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CFN_AB_C99_PXX(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : CFN_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cfn_c99_pxx(TSP_SPB, TSP_SPA_R, CICnr, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CFN_AB_C110_CPG_PXX(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : CFN_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cfn_c110_cpg_pxx(TSP_SPB, TSP_SPA_R, CICnr, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CFN_AB_C110_CGB_CICGrp(CICnr: BIT_12) <b>ASP Type</b> : CFN_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cfn_c110_cgb_CICGrp(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CFN_BA_PXX(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : CFN_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cfn_pxx(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CFN_CA_C99_PXX(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : CFN_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_cfn_c99(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CFN_AC(CICnr: BIT_12) <b>ASP Type</b> : CFN_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_cfn(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CFN_AC_C110_IAM_NatCon(CICnr: BIT_12)		
<b>ASP Type</b> : CFN_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_cfn_c110_iam_NatCon(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGB_AB_MO(CICnr: BIT_12)		
<b>ASP Type</b> : CGB_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgb_mo(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGB_AB_MO_ANY <b>ASP Type</b> : CGB_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgb_mo_any(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGB_AB_HO(CICnr: BIT_12) <b>ASP Type</b> : CGB_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgb_ho(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGB_AB_HO_ANY <b>ASP Type</b> : CGB_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgb_ho_any(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGB_AB_HO_1CIC(CICnr: BIT_12) <b>ASP Type</b> : CGB_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgb_ho_1cic(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : CGB_BA_MO(CICnr: BIT_12) <b>ASP Type</b> : CGB_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgb_mo(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGB_BA_HO(CICnr: BIT_12) <b>ASP Type</b> : CGB_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgb_ho(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGB_BA_MO_0CICS(CICnr: BIT_12) <b>ASP Type</b> : CGB_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgb_mo_0cics(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGB_BA_MO_33CICS(CICnr: BIT_12) <b>ASP Type</b> : CGB_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgb_mo_33cics(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name :</b> CGB_BA_HO_0CICS(CICnr: BIT_12) <b>ASP Type :</b> CGB_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgb_ho_0cics(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> CGB_BA_HO_33CICS(CICnr: BIT_12) <b>ASP Type :</b> CGB_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgb_ho_33cics(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> CGB_BA_MO_UNEQUIPPED(CICNr:BIT_12) <b>ASP Type :</b> CGB_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgb_mo_unequipped(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICNr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> CGB_BA_HO_UNEQUIPPED(CICNr:BIT_12) <b>ASP Type :</b> CGB_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgb_ho_unequipped(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICNr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> CGB_BA_UNKNOWN <b>ASP Type :</b> CGB_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgb_unknown(TSP_SPA_R, TSP_SPB, TSP_SLS_R, TSP_CIC_R)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> CGB_BA_MO_XY <b>ASP Type :</b> CGB_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgb_mo_cicxy(TSP_SPA_R, TSP_SPB, TSP_SLS_R, TSP_GrpCIC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGBA_AB_MO(CICnr: BIT_12) <b>ASP Type</b> : CGBA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgba_mo(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGBA_AB_HO(CICnr: BIT_12) <b>ASP Type</b> : CGBA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgba_ho(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGBA_AB_MO_UNEQUIPPED(CICNr:BIT_12)		
<b>ASP Type</b> : CGBA_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgba_mo_unequipped(TSP_SPB, TSP_SPA_R, CICNr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGBA_AB_HO_UNEQUIPPED(CICNr:BIT_12)		
<b>ASP Type</b> : CGBA_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgba_ho_unequipped(TSP_SPB, TSP_SPA_R, CICNr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name :</b> CGBA_AB_MO_ALL_CONTRL <b>ASP Type :</b> CGBA_TRANSFER_IND <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgba_mo_all_contrl(TSP_SPB, TSP_SPA_R, TSP_CIC_R)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> CGBA_BA_MO(CICnr: BIT_12) <b>ASP Type :</b> CGBA_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgba_mo(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments :</b>		



ASP Constraint Declaration		
<b>Constraint Name</b> : CGBA_BA_MO_DEFAULT(CICnr: BIT_12; len, range: OCT_1; stat: OCT_1_32) <b>ASP Type</b> : CGBA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgba_mo_default(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, len, range, stat)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGBA_AB_MO_XY <b>ASP Type</b> : CGBA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgba_mo_cicxy(TSP_SPB, TSP_SPA_R, TSP_GrpCIC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGBA_BA_HO(CICnr: BIT_12) <b>ASP Type</b> : CGBA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgba_ho(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGBA_BA_HO_DEFAULT(CICnr: BIT_12; len, range: OCT_1; stat: OCT_1_32) <b>ASP Type</b> : CGBA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgba_ho_default(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, len, range, stat)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGBA_BA_HO_1CIC(CICnr: BIT_12) <b>ASP Type</b> : CGBA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgba_ho_1cic(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGU_AB_MO(CICnr: BIT_12) <b>ASP Type</b> : CGU_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgu_mo(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGU_AB_HO(CICnr: BIT_12) <b>ASP Type</b> : CGU_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgu_ho(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGU_AB_MO_PART1(CICnr: BIT_12) <b>ASP Type</b> : CGU_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgu_mo_part1(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGU_AB_HO_PART1(CICnr: BIT_12)		
<b>ASP Type</b> : CGU_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgu_ho_part1(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGU_AB_MO_PART2(CICnr: BIT_12)		
<b>ASP Type</b> : CGU_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgu_mo_part2(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGU_AB_HO_PART2(CICnr: BIT_12) <b>ASP Type</b> : CGU_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgu_ho_part2(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGU_BA_MO(CICnr: BIT_12) <b>ASP Type</b> : CGU_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgu_mo(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name :</b> CGU_BA_HO(CICnr: BIT_12) <b>ASP Type :</b> CGU_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgu_ho(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> CGU_BA_MO_XY <b>ASP Type :</b> CGU_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgu_mo_cicxy(TSP_SPA_R, TSP_SPB, TSP_SLS_R,TSP_GrpCIC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGUA_AB_MO(CICnr: BIT_12) <b>ASP Type</b> : CGUA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgua_mo(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGUA_AB_HO(CICnr: BIT_12) <b>ASP Type</b> : CGUA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgua_ho(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : CGUA_AB_MO_XY		
<b>ASP Type</b> : CGUA_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgua_mo_cicxy(TSP_SPB, TSP_SPA_R, TSP_GrpCIC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGUA_AB_MO_ALL_CONTRL		
<b>ASP Type</b> : CGUA_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cgua_mo_all_contrl(TSP_SPB, TSP_SPA_R, TSP_CIC_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGUA_BA_MO(CICnr: BIT_12) <b>ASP Type</b> : CGUA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgua_mo(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGUA_BA_HO(CICnr: BIT_12) <b>ASP Type</b> : CGUA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgua_ho(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGUA_BA_MO_PART2(CICnr: BIT_12)		
<b>ASP Type</b> : CGUA_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgua_mo_part2(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CGUA_BA_HO_PART2(CICnr: BIT_12)		
<b>ASP Type</b> : CGUA_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cgua_ho_part2(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_AB(CICnr: BIT_12) <b>ASP Type</b> : CPG_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cpg(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_AB_TMU_SPEECH(CICnr: BIT_12) <b>ASP Type</b> : CPG_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_cpg_TMU_speech(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_BA(CICnr: BIT_12) <b>ASP Type</b> : CPG_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cpg(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_BA_PXX_DISCM(CICnr: BIT_12; val_PType: BIT_8; v_A: BIT_1; v_C: BIT_1) <b>ASP Type</b> : CPG_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cpg_pxx_discm(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_PType, v_A, v_C)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_BA_PXX_PASS_DISCM(CICnr: BIT_12; val_PType: BIT_8; v_A:BIT_1; v_C:BIT_1) <b>ASP Type</b> : CPG_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cpg_pxx_pass_discm(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_PType, v_A, v_C)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_BA_PXX_PASS_DISCP(CICnr: BIT_12; val_PType: BIT_8; v_A:BIT_1; v_C:BIT_1) <b>ASP Type</b> : CPG_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_cpg_pxx_pass_discp(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_PType, v_A, v_C)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_AC(CICnr: BIT_12) <b>ASP Type</b> : CPG_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_cpg(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_AC_EchoInf_4(CICnr: BIT_12) <b>ASP Type</b> : CPG_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_cpg_EchoInf_4(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_AC_EchoInf_C(CICnr: BIT_12) <b>ASP Type</b> : CPG_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_cpg_EchoInf_C(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_CA(CICnr: BIT_12) <b>ASP Type</b> : CPG_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_cpg(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : CPG_CA_TMU_SPEECH(CICnr: BIT_12)		
<b>ASP Type</b> : CPG_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_cpg_TMU_speech(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : FOT_AB(CICnr: BIT_12)		
<b>ASP Type</b> : FOT_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_fot(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : FOT_AC(CICnr: BIT_12) <b>ASP Type</b> : FOT_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_fot(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : FOT_BA(CICnr: BIT_12) <b>ASP Type</b> : FOT_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_fot(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : FOT_CA(CICnr: BIT_12) <b>ASP Type</b> : FOT_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_fot(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : GRA_AB(CICnr: BIT_12) <b>ASP Type</b> : GRA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_gra(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : GRA_BA(CICnr: BIT_12) <b>ASP Type</b> : GRA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_gra(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : GRA_CA(CICnr: BIT_12) <b>ASP Type</b> : GRA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_gra(TSP_SPA_R, TSP_SPC, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : GRS_AB(CICnr: BIT_12) <b>ASP Type</b> : GRS_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_grs(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : GRS_AC(CICnr: BIT_12) <b>ASP Type</b> : GRS_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_grs(TSP_SPA_R, TSP_SPC, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : GRS_BA(CICnr: BIT_12) <b>ASP Type</b> : GRS_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_grs(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : GRS_BA_RANGE0(CICnr: BIT_12) <b>ASP Type</b> : GRS_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_grs_range0(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : GRS_BA_RANGE33(CICnr: BIT_12)		
<b>ASP Type</b> : GRS_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_grs_range33(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_any <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_any(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_CallColl <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_ColCReq_1(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_CdPN_EVEN <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_CdPN_even(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_CdPN_Filler_0 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_CdPN_Filler_0(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_CdPN_PART <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_CdPN_specific(TSP_SPB, TSP_SPA_R, TSO_First_part_of_number(TSP_Nb_SPB, 4))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_CdPN_COMPL <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_CdPN_specific(TSP_SPB, TSP_SPA_R, TSO_Second_part_of_number(TSP_Nb_SPC, 5))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_CgPN_APRI_01		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_CgPN_APRI_01(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_CgPN_Filler_0		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_CgPN_Filler_0(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_CgPC_0A		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_CgPC_0a(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_FCI		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_FCI(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_HOP_CNT		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_Hop(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_HOP_CNT_2		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_Hop_2(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_NatCon_ECDI_1		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_NatCon_ECDI_1(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_NatCon_ECDI_0		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_NatCon_ECDI_0(TSP_SPB, TSP_SPA_R)	O/G avail but not inc.
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_NatCon_ECDI_0_EchoInf_1 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_NatCon_ECDI_0_EcContInf_1(TSP_SP B, TSP_SPA_R)	O/G not avail and not inc.
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_NatCon_ECDI_0_EchoInf_3 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_NatCon_ECDI_0_EcContInf_3(TSP_SP B, TSP_SPA_R)	O/G avail but not inc.
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_NatCon_ECDI_1_EchoInf_2 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_NatCon_ECDI_1_EcContInf_2(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_NatCon_SatI(SatNb:BIT_2) <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_NatCon_SatI(TSP_SPB, TSP_SPA_R, SatNb)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_NatCon_CntChI_0X		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_NatCon_CntChI_0x(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_NatCon_CntChI_01		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_NatCon_CntChI_01(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_NO_CgPN		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_no_CgPN(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_NO_RgNb		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_no_RgNb(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_OriCdNb_APRI_01		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_OriCdNb_APRI_01(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_OriCdNb		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_OriCdNb(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_OFCl_CUGCl_00		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_OFCl_CUGCl_00(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_PDC		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_PDC(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_PXX_PASS_ON_A0(val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_pxx_pass_on_a0(TSP_SPB, TSP_SPA_R, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_PXX_PASS_ON_A1(val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_pxx_pass_on_a1(TSP_SPB, TSP_SPA_R, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_PXX_TRANSIT(val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_pxx_transit(TSP_SPB, TSP_SPA_R, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_RnInf_Rglc_100 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_RnInf_Rglc_100(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_RnInf_OriRnReas_0000		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_RnInf_OriRnReas_0000(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_RnInf_RnCnT_5		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_RnInf_RnCnT_5(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_RnInf_RgReas_0000		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_RnInf_RgReas_0000(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_RgNb_APRI_01		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_RgNb_APRI_01(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_RgNb_Filler_0		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_RgNb_Filler_0(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_UUInd		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_UUInd(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_OPR		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_opr(TSP_SPB, TSP_SPA_R, TSP_Nb_Operator)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TAR_call		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_NetManCon_1(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_4X64_CCT_MAP		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_4x64_cct_map(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_2X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_2x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_3X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_3x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_4X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_4x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_5X64 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_5x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_7X64 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_7x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_8X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_8x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_9X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_9x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_10X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_10x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_11X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_11x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_12X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_12x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_13X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_13x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_14X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_14x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_15X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_15x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_16X64 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_16x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_17X64 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_17x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_18X64 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_18x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_19X64 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_19x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_20X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_20x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_21X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_21x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_22X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_22x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_23X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_23x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_25X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_25x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_26X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_26x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_27X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_27x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_28X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_28x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_29X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_29x64(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_384		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_384(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_1536		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_1536(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_TMR_1920		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_TMR_1920(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_64kbps(rate: BIT_5)		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_64kbps(TSP_SPB, TSP_SPA_R, rate)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AB_3_1kHz		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_iam_3_1kHz(TSP_SPB, TSP_SPA_R)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_NUL(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_NatCon_CntChI_01(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_NatCon_CntChI_01(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_NatCon_CntChI_10(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_NatCon_CntChI_10(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_CdPN_AdSg_A(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_CdPN_AdSg_a(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_CdPN_NatAdrl_07(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_CdPN_NatAdrl_07(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_CdPN_NbPI_111(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_CdPN_NbPI_111(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_CdPN_PART(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_CdPN_part(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSO_First_part_of_number(TSP_Nb_SPC, 4))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_TO_Non_ISUP(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC_Non_ISUP)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_PXX_REL_A1(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_pxx_rel_a1(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_PXX_REL_A0(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
← isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_pxx_rel_a0(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_PXX_DISCP(CICnr: BIT_12; val_PType: BIT_8; v_A: BIT_1; v_C: BIT_1) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
← isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_pxx_discp(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC, val_PType,v_A, v_C)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_PXX_NO_PASS_REL_A1(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_pxx_no_pass_rel_a1(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC, val_PType)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_PXX_NO_PASS_REL_A0(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_pxx_no_pass_rel_a0(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC, val_PType)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_PXX_NO_CINF(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_pxx_no_cinf(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC, val_PType)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_PXX_PASS_DISCP(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_pxx_pass_discp(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC, val_PType)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_FCI_IPI_11(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_FCI_IPI_11(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_TMR_0B(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_TMR_0b(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_SGM(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_sgm(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_COT_SGM(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_cot_sgm(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_TMR_2X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_TMR_2x64(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_TMR_10X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_TMR_10x64(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_TMR_384(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_TMR_384(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_TMR_1536(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_TMR_1536(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_TMR_1920(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_TMR_1920(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_2TMR_2USI(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_2TMR_2USI(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_64kbps(CICnr: BIT_12; rate: BIT_5) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_64kbps(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC, rate)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_BA_3_1kHz(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_iam_3_1kHz(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_any <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_any(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name :</b> IAM_AC_CdPN_PART <b>ASP Type :</b> IAM_TRANSFER_IND <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_CdPN_specific(TSP_SPC, TSP_SPA_L, TSO_First_part_of_number(TSP_Nb_SPC, 4))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> IAM_AC_CdPN_COMPL <b>ASP Type :</b> IAM_TRANSFER_IND <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_CdPN_specific(TSP_SPC, TSP_SPA_L, TSO_Second_part_of_number(TSP_Nb_SPB, 5))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_NatCon_CntChI_10 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_NatCon_CntChI_10(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_PDC <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_PDC(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_TMR_2X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_TMR_2x64(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_TMR_10X64		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_TMR_10x64(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_TMR_384		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_TMR_384(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_TMR_1536		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_TMR_1536(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_TMR_1920 <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_TMR_1920(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_OPR <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_opr(TSP_SPC, TSP_SPA_L, TSP_Nb_Operator)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_2TMR_2USI		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_2TMR_2USI(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_64kbps(rate: BIT_5)		
<b>ASP Type</b> : IAM_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_64kbps(TSP_SPC, TSP_SPA_L, rate)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_3_1kHz <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_3_1kHz(TSP_SPC, TSP_SPA_L)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_AC_PXX(val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_iam_pxx(TSP_SPC, TSP_SPA_L, val_PType)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_L(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_CallColl(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_ColCReq_1(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_CdPN_PART(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_CdPN_part(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSO_First_part_of_number(TSP_Nb_SPB, TSP_CdPN_seizure))	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_ECI_0(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> : O/G echo dev not included but available		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_ECI_0(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_ECI_1(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> : O/G echo dev not included and not available		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_ECI_1(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_ECI_2(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> : O/G echo dev not included and not available		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_ECI_2(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_HOP_1(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_Hop_1(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	Puts integer value 1 in the Hop_val /42/ TJS
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_HOP_3(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_Hop_max(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_HOP_max(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_Hop_max(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	/44/ TJS
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_NatCon_ECDI_0(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> : O/G ecdi set to not included		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_NatCon_ECDI_0(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_NatCon_ECDI_0_ECI_0(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> : O/G ecdi set to not included , Echoinf set to no inf		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_NatCon_ECDI_0_ECI_0(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_NatCon_ECDI_1(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_NatCon_ECDI_1(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_NatCon_ECDI_1_ECI2(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_ECI_2(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_NatCon_Satl(CICnr: BIT_12; SatNb:BIT_2) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_NatCon_Satl(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB, SatNb)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TAR_call(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_NetManCon_1(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_PDC(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_PDC(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_PXX_PASS_ON_A0(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_pxx_pass_on_a0(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_PXX_PASS_ON_A1(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_pxx_pass_on_a1(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_PXX_TRANSIT(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
← isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_pxx_transit(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_CdPN_Filler_1(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
← isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_CdPN_Filler_1(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_CgPN_NatAdrl_05(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_CgPN_NatAdrl_05(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_CgPN_NbPI_010(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_CgPN_NbPI_010(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_CgPN_APRI_11(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_CgPN_APRI_11(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_CgPN_ScrI_10(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_CgPN_ScrI_10(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB, TSP_Nb_SPC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_CgPN_Filler_1(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_CgPN_Filler_1(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB, TSP_Nb_SPC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_CgPC_10(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_CgPC_10(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_FCI_EEMthI_11(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_FCI_EEMthI_11(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_FCI_EEInfl_1(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_FCI_EEInfl_1(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_FCI_SCCPMI_11(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_FCI_SCCPMI_11(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_NatCon_CntChI_11(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_NatCon_CntChI_11(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_OFCl_CUGCl_01(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_OFCl_CUGCl_01(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_OriCdNb_NatAdrl_7F(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_OriCdNb_NatAdrl_7f(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments :</b>		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_OriCdNb_NbPI_101(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_OriCdNb_NbPI_101(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_OriCdNb_APRI_11(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_OriCdNb_APRI_11(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_OriCdNb_Filler_F(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_OriCdNb_Filler_F(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_RgNb_NatAdrl_07(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_RgNb_NatAdrl_07(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_RgNb_ScrI_00(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_RgNb_ScrI_00(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_RgNb_NbPI_101(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_RgNb_NbPI_101(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_RgNb_APRI_11(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_RgNb_APRI_11(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_RgNb_Filler_1(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_RgNb_Filler_1(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_RnInf_Rglc_111(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_RnInf_Rglc_111(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_RnInf_OriRnReas_F(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_RnInf_OriRnReas_f(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_RnInf_RnCnt_7(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
← isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_RnInf_RnCnt_7(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_RnInf_RgReas_7(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
← isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_RnInf_RgReas_7(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_UUInd(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_UUInd(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_SGM(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_sgm_c(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_4X64_CCT_MAP(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_4x64_cct_map(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_2X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_2x64_L(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_3X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_3x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_4X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_4x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_5X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_5x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_7X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_7x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_8X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_8x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_9X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_9x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_10X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_10x64_L(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_11X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_11x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_12X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_12x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_13X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_13x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_14X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_14x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_15X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_15x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_16X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_16x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_17X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_17x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_18X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_18x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_19X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_19x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_20X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_20x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_21X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_21x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_22X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_22x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_23X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_23x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_25X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_25x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_26X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_26x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_27X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_27x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_28X64(CICnr: BIT_12)		
<b>ASP Type</b> : IAM_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_28x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_29X64(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_29x64(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_384(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_384_L(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_1536(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_1536_L(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_TMR_1920(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_TMR_1920_L(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_OPR(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_L(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_Operator)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_64kbps(CICnr: BIT_12; rate: BIT_5) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_64kbps_L(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB, rate)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : IAM_CA_3_1kHz(CICnr: BIT_12) <b>ASP Type</b> : IAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_iam_3_1kHz_L(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSP_Nb_SPB)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AB(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rel (TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AB_C28(CICnr: BIT_12)		
<b>ASP Type</b> : REL_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rel_c28(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AB_C31(CICnr: BIT_12)		
<b>ASP Type</b> : REL_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rel_c31(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AB_C65(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rel_c65(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AB_C97_MXX(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rel_c97_mxx(TSP_SPB, TSP_SPA_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AB_C99_PXX(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rel_c99_pxx(TSP_SPB, TSP_SPA_R, CICnr, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AB_C111(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rel_c111(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AB_Cause_Loc_0111(CICnr: BIT_12)		
<b>ASP Type</b> : REL_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rel_Cause_Loc_0111(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AB_Cause_Loc_1010(CICnr: BIT_12)		
<b>ASP Type</b> : REL_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rel_Cause_Loc_1010(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AB_ACL(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rel_ACL(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_BA(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_rel (TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_BA_Cause_xx(CICnr: BIT_12; val_CauseV: BIT_7) <b>ASP Type</b> : REL_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_rel_Cause_xx(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_CauseV)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_BA_PXX(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : REL_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_rel_pxx(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_BA_C25(CICnr: BIT_12)		
<b>ASP Type</b> : REL_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_rel_c25(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_BA_C41(CICnr: BIT_12)		
<b>ASP Type</b> : REL_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_rel_c41(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_BA_ACL(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_rel_ACL(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AC(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_rel (TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AC_Cause_xx(CICnr: BIT_12; CauseV:BIT_7) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_rel_Cause_xx (TSP_SPC, TSP_SPA_L, CICnr, CauseV)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AC_C25(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_rel_c25(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AC_C31(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_rel_c31(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AC_C41(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_rel_c41(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_AC_C97_MXX(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : REL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_rel_c97_mxx(TSP_SPC, TSP_SPA_L, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_CA(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_rel (TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_CA_Cause_CodS_11(CICnr: BIT_12)		
<b>ASP Type</b> : REL_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_rel_Cause_CodS_11(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_CA_Cause_Loc_1000(CICnr: BIT_12)		
<b>ASP Type</b> : REL_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_rel_Cause_Loc_1000(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : REL_CA_Cause_CauseV_10(CICnr: BIT_12) <b>ASP Type</b> : REL_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_rel_Cause_CauseV_10(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RES_AB(CICnr: BIT_12) <b>ASP Type</b> : RES_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_res(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RES_BA(CICnr: BIT_12) <b>ASP Type</b> : RES_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_res(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RES_AC(CICnr: BIT_12) <b>ASP Type</b> : RES_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_res(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RES_CA(CICnr: BIT_12)		
<b>ASP Type</b> : RES_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_res(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RLC_AB(CICnr: BIT_12)		
<b>ASP Type</b> : RLC_TRANSFER_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rlc (TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RLC_AC(CICnr: BIT_12) <b>ASP Type</b> : RLC_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_rlc (TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : RLC_BA(CICnr: BIT_12) <b>ASP Type</b> : RLC_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_rlc (TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments :</b>		



ASP Constraint Declaration		
<b>Constraint Name</b> : RLC_BA_PXX(CICnr: BIT_12; val_PType: BIT_8) <b>ASP Type</b> : RLC_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_rlc_pxx(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_PType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RLC_CA(CICnr: BIT_12) <b>ASP Type</b> : RLC_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_rlc (TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RSC_AB(CICnr: BIT_12) <b>ASP Type</b> : RSC_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_rsc(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RSC_BA(CICnr: BIT_12) <b>ASP Type</b> : RSC_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_rsc(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RSC_AC(CICnr: BIT_12) <b>ASP Type</b> : RSC_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_rsc(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : RSC_CA(CICnr: BIT_12) <b>ASP Type</b> : RSC_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_rsc(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : SAM_AB(CICnr: BIT_12) <b>ASP Type</b> : SAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_sam(TSP_SPB, TSP_SPA_R, CICnr, TSO_Second_part_of_number(TSP_Nb_SPB, 5))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : SAM_AB_SubNb_Filler_0(CICnr: BIT_12) <b>ASP Type</b> : SAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_sam_SubNb_Filler_0(TSP_SPB, TSP_SPA_R, CICnr, TSO_Second_part_of_number(TSP_Nb_SPC, 5))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : SAM_BA(CICnr: BIT_12) <b>ASP Type</b> : SAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<- isup_pdu	ISUP_SIO(TSP_NI_R) s_sam(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSO_Second_part_of_number(TSP_Nb_SPC, 5))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : SAM_BA_SubNb_D(CICnr: BIT_12) <b>ASP Type</b> : SAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<- isup_pdu	ISUP_SIO(TSP_NI_R) s_sam_SubNb_d(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, TSO_Second_part_of_number(TSP_Nb_SPC, 5))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : SAM_AC(CICnr: BIT_12) <b>ASP Type</b> : SAM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_sam(TSP_SPC, TSP_SPA_L, CICnr, TSO_Second_part_of_number(TSP_Nb_SPC, 5))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : SAM_CA(CICnr: BIT_12) <b>ASP Type</b> : SAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_sam(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSO_Second_part_of_number(TSP_Nb_SPB, 5))	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : SAM_CA_SubNb_Filler_7(CICnr: BIT_12) <b>ASP Type</b> : SAM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_sam_SubNb_Filler_7(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, TSO_First_part_of_number(TSO_Second_part_of_number(TSP_Nb_SPB, 6), 1))	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : SUS_AB(CICnr: BIT_12) <b>ASP Type</b> : SUS_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_sus(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : SUS_BA(CICnr: BIT_12) <b>ASP Type</b> : SUS_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_sus(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : SUS_AC(CICnr: BIT_12) <b>ASP Type</b> : SUS_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_sus(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : SUS_CA(CICnr: BIT_12) <b>ASP Type</b> : SUS_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_sus(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : SGM_AB(CICnr: BIT_12) <b>ASP Type</b> : SGM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_sgm(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : SGM_BA(CICnr: BIT_12) <b>ASP Type</b> : SGM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_sgm(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : SGM_AC(CICnr: BIT_12) <b>ASP Type</b> : SGM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_sgm(TSP_SPC, TSP_SPA_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : SGM_CA(CICnr: BIT_12) <b>ASP Type</b> : SGM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_sgm(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : UBA_AB(CICnr: BIT_12) <b>ASP Type</b> : UBA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_uba(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : UBA_AB_CICX <b>ASP Type</b> : UBA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_uba(TSP_SPB, TSP_SPA_R, TSP_GrpCIC)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : UBA_AB_CICY <b>ASP Type</b> : UBA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_uba(TSP_SPB, TSP_SPA_R, cic1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : UBA_BA(CICnr: BIT_12) <b>ASP Type</b> : UBA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_uba(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : UBL_AB(CICnr: BIT_12) <b>ASP Type</b> : UBL_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_ubl(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : UBL_BA(CICnr: BIT_12) <b>ASP Type</b> : UBL_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_ubl(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : UBL_BA_CICX <b>ASP Type</b> : UBL_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_ubl(TSP_SPA_R, TSP_SPB, TSP_SLS_R, TSP_GrpCIC)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : UBL_BA_CICY <b>ASP Type</b> : UBL_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_ubl(TSP_SPA_R, TSP_SPB, TSP_SLS_R, cic1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : UPT_AB(CICnr: BIT_12) <b>ASP Type</b> : UPT_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_upt(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : UPT_BA(CICnr: BIT_12) <b>ASP Type</b> : UPT_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_upt(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : UPA_AB(CICnr: BIT_12) <b>ASP Type</b> : UPA_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_upa(TSP_SPB, TSP_SPA_R, CICnr)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : UPA_BA(CICnr: BIT_12) <b>ASP Type</b> : UPA_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_upa(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_AB_TRANSIT_INTRPR(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_mxx_transit_intrpr(TSP_SPB, TSP_SPA_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_BA_REL_CALL(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_mxx_rel_call(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_BA_REL_CALL_A0(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_mxx_rel_call_a0(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_BA_DISCARD(CICnr: BIT_12; val_MType: BIT_8; v_A: BIT_1; v_C: BIT_1)		
<b>ASP Type</b> : MXX_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_mxx_discard(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType, v_A, v_C)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_BA_PASS_ON_A0(CICnr: BIT_12; val_MType: BIT_8)		
<b>ASP Type</b> : MXX_TRANSFER_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_mxx_pass_on_a0(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_BA_PASS_ON_A1(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_mxx_pass_on_a1(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_BA_PASS_ON_REL_A0(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_mxx_pass_on_rel_a0(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_BA_PASS_ON_REL_A1(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_mxx_pass_on_rel_a1(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_BA_PASS_ON_DISCARD_A0(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_mxx_pass_on_discard_a0(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_BA_PASS_ON_DISCARD_A1(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_mxx_pass_on_discard_a1(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_BA(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_mxx(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_AC_PASS_ON_A0(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_mxx_pass_on_a0(TSP_SPC, TSP_SPA_L, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_AC_PASS_ON_A1(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) r_mxx_pass_on_a1(TSP_SPC, TSP_SPA_L, CICnr, val_MType)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : MXX_CA_TRANSIT_INTRPR(CICnr: BIT_12; val_MType: BIT_8) <b>ASP Type</b> : MXX_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_L) s_mxx_transit_intrpr(TSP_SPA_L, TSP_SPC, TSP_SLS_L, CICnr, val_MType)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : NRM_AC(CICnr: BIT_12) <b>ASP Type</b> : NRM_TRANSFER_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) r_nrm(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments :</b>		



ASP Constraint Declaration		
<b>Constraint Name</b> : NRM_BA(CICnr: BIT_12) <b>ASP Type</b> : NRM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_nrm(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : NRM_BA_ECI_10(CICnr: BIT_12) <b>ASP Type</b> : NRM_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
<-- isup_pdu	ISUP_SIO(TSP_NI_R) s_nrm_ECI_10(TSP_SPA_R, TSP_SPB, TSP_SLS_R, CICnr)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_RINGING_TONE(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Ringing_Tone"	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_RINGING_TONE(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Ringing_Tone"	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name :</b> S_COMM_TONE(CICnr: BIT_12) <b>ASP Type :</b> TONE_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone"	1
<b>Detailed Comments :</b> Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name :</b> R_COMM_TONE(CICnr: BIT_12) <b>ASP Type :</b> TONE_IND <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone"	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_COMM_TONE_Nx64(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone for Nx64 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_COMM_TONE_2x64(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone for 2x64 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_COMM_TONE_Nx64(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone for Nx64 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_COMM_TONE_2x64(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone for 2x64 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_COMM_TONE_384(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone for 384 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_COMM_TONE_384(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone for 384 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_COMM_TONE_1536(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone for 1536 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_COMM_TONE_1536(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone for 1536 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_COMM_TONE_1920(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone for 1920 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_COMM_TONE_1920(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Communication_Tone for 1920 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		



ASP Constraint Declaration		
<b>Constraint Name</b> : S_ACCESS_RINGING_TONE		
<b>ASP Type</b> : ACCESS_TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Ringing_Tone"	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_ACCESS_RINGING_TONE		
<b>ASP Type</b> : ACCESS_TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Ringing_Tone"	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_ACCESS_COMM_TONE		
<b>ASP Type</b> : ACCESS_TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_ACCESS_COMM_TONE		
<b>ASP Type</b> : ACCESS_TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone"	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_ACCESS_COMM_TONE_2X64		
<b>ASP Type</b> : ACCESS_TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone for 2x64 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_ACCESS_COMM_TONE_2X64		
<b>ASP Type</b> : ACCESS_TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone for 2x64 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_ACCESS_COMM_TONE_NX64		
<b>ASP Type</b> : ACCESS_TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone for Nx64 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_ACCESS_COMM_TONE_NX64		
<b>ASP Type</b> : ACCESS_TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone for Nx64 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_ACCESS_COMM_TONE_384		
<b>ASP Type</b> : ACCESS_TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone for 384 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_ACCESS_COMM_TONE_384		
<b>ASP Type</b> : ACCESS_TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone for 384 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_ACCESS_COMM_TONE_1536		
<b>ASP Type</b> : ACCESS_TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone for 1536 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_ACCESS_COMM_TONE_1536		
<b>ASP Type</b> : ACCESS_TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone for 1536 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_ACCESS_COMM_TONE_1920		
<b>ASP Type</b> : ACCESS_TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone for 1920 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_ACCESS_COMM_TONE_1920		
<b>ASP Type</b> : ACCESS_TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Tone_Type	"Communication_Tone for 1920 kbit/s"	1
<b>Detailed Comments</b> : Used for checking the communication path of the circuit		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_COT_TONE(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Continuity_Check_Tone"	1
<b>Detailed Comments</b> : Used for performing the continuity check		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_COT_TONE(CICnr: BIT_12)		
<b>ASP Type</b> : TONE_IND		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC Tone_Type	CICnr "Continuity_Check_Tone"	1.
<b>Detailed Comments</b> : Tone used for performing continuity check.		



ASP Constraint Declaration		
<b>Constraint Name</b> : ALERT_MNT <b>ASP Type</b> : MNT_IND <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	?	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_RSC(cicNr:BIT_12) <b>ASP Type</b> : MNT_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_RSC"	
CIC	cicNr	
Range	—	
Status	—	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name :</b> TRIGGER_GRS <b>ASP Type :</b> MNT_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
Action	"Trigger_GRS"	
CIC	TSP_GrpCIC	
Range	TSP_GrpRange	
Status	–	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> TRIGGER_CGB_MO <b>ASP Type :</b> MNT_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
Action	"Trigger_CGB_MO"	
CIC	TSP_GrpCIC	
Range	TSP_GrpRange	
Status	TSP_Status	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_CGU_MO		
<b>ASP Type</b> : MNT_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_CGU_MO"	
CIC	TSP_GrpCIC	
Range	TSP_GrpRange	
Status	TSP_Status	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_CGB_HO		
<b>ASP Type</b> : MNT_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_CGB_HO"	
CIC	TSP_GrpCIC	
Range	TSP_GrpRange	
Status	TSP_Status	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_CGU_HO		
<b>ASP Type</b> : MNT_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_CGU_HO"	
CIC	TSP_GrpCIC	
Range	TSP_GrpRange	
Status	TSP_Status	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_CGU_MO_PART1		
<b>ASP Type</b> : MNT_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_CGU_MO"	
CIC	TSP_GrpCIC	
Range	TSP_GrpRange	
Status	TSP_Status	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_CGU_HO_PART1		
<b>ASP Type</b> : MNT_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_CGU_HO"	
CIC	TSP_GrpCIC	
Range	TSP_GrpRange	
Status	TSP_Status	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_CGU_MO_PART2		
<b>ASP Type</b> : MNT_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_CGU_MO"	
CIC	TSP_GrpCIC	
Range	TSP_GrpRange2	
Status	TSP_Status	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_CGU_HO_PART2 <b>ASP Type</b> : MNT_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_CGU_HO"	
CIC	TSP_GrpCIC	
Range	TSP_GrpRange2	
Status	TSP_Status	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_BLO(cicNr:BIT_12) <b>ASP Type</b> : MNT_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_BLO"	
CIC	cicNr	
Range	—	
Status	—	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_UBL(cicNr:BIT_12)		
<b>ASP Type</b> : MNT_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_UBL"	
CIC	TSP_CIC_R	
Range	—	
Status	—	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : TRIGGER_CCR		
<b>ASP Type</b> : MNT_REQ		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
Action	"Trigger_CCR"	
CIC	TSP_CIC_R	
Range	—	
Status	—	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name :</b> FOT_SETUP_FROM_B <b>ASP Type :</b> ACTION_INBOX <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
CIC	?	
Job_description	"Receive FOT from B"	
CIC_switch_to	–	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> SWITCH_B_TO_D(CICnr: BIT_12) <b>ASP Type :</b> ACTION_INBOX <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
CIC	CICnr	
Job_description	"Switch B to D"	
CIC_switch_to	TSO_Next_CIC(CICnr)	
<b>Detailed Comments :</b>		



ASP Constraint Declaration		
<b>Constraint Name</b> : FOT_SETUP_TO_D(CICnr: BIT_12)		
<b>ASP Type</b> : ACTION_OUTBOX		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC	TSO_Next_CIC(CICnr)	
Job_description	"Send FOT to D"	
CIC_switch_to	–	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_COMM_TONE_OPR		
<b>ASP Type</b> : ACTION_INBOX		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
CIC	–	
Job_description	"Receive communication tones"	
CIC_switch_to	–	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name :</b> S_COMM_TONE_OPR <b>ASP Type :</b> ACTION_OUTBOX <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
CIC	–	
Job_description	"Send communication tones"	
CIC_switch_to	–	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> R_IAI <b>ASP Type :</b> TUP_TRANSFER_IND <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
SIO	'0100'B	Telephony User Part identification
spare	'00'B	spare '00'B
NI	'10'B	
tup_pdu	r_tup_iai(TSP_SPC, TSP_SPA_R)	TUP signalling message
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> R_CLF <b>ASP Type :</b> TUP_TRANSFER_IND <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
SIO	'0100'B	Telephony User Part identification
spare	'00'B	spare '00'B
NI	'10'B	
tup_pdu	r_tup_clf(TSP_SPC, TSP_SPA_R,?)	TUP signalling message
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> S_ANS <b>ASP Type :</b> TUP_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
SIO	'0100'B	Telephony User Part identification
spare	'00'B	spare '00'B
NI	'10'B	
tup_pdu	s_tup_ans(TSP_SPC, TSP_SPA_R,?)	TUP signalling message
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> R_RLG <b>ASP Type :</b> TUP_TRANSFER_IND <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
SIO	'0100'B	Telephony User Part identification
spare	'00'B	spare '00'B
NI	'10'B	
tup_pdu	r_tup_rlg(TSP_SPC, TSP_SPA_R,?)	TUP signalling message
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> S_RLG <b>ASP Type :</b> TUP_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
SIO	'0100'B	Telephony User Part identification
spare	'00'B	spare '00'B
NI	'10'B	
tup_pdu	s_tup_rlg(TSP_SPC, TSP_SPA_R,?)	TUP signalling message
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> R_TUP_RSC <b>ASP Type :</b> TUP_TRANSFER_IND <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
SIO	'0100'B	Telephony User Part identification
spare	'00'B	spare '00'B
NI	'10'B	
tup_pdu	r_tup_rsc(TSP_SPC, TSP_SPA_R,?)	TUP signalling message
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> S_TUP_RSC <b>ASP Type :</b> TUP_TRANSFER_REQ <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
SIO	'0100'B	Telephony User Part identification
spare	'00'B	spare '00'B
NI	'10'B	
tup_pdu	s_tup_rsc(TSP_SPC, TSP_SPA_R,?)	TUP signalling message
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_TUP_ACM(CICnr:BIT_12) <b>ASP Type</b> : TUP_TRANSFER_REQ <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
SIO	'0100'B	Telephony User Part identification
spare	'00'B	spare '00'B
NI	'10'B	
tup_pdu	s_tup_acm(TSP_SPA_R, TSP_SPC, CICnr)	TUP signalling message
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_ALERT <b>ASP Type</b> : DL_DAT_IN_ALERTr <b>Derivation Path</b> : <b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_alert_DSS1(TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_ALERT(CALL_REF: BIT7OR15)		
<b>ASP Type</b> : DL_DAT_RQ_ALERT		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_alert_DSS1(TSV_CREF1,TSV_BCHNUM1)	Send origin flag 1
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_CALL_PROC		
<b>ASP Type</b> : DL_DAT_IN_CALL_PROCr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_call_proceeding_DSS1(TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_CON_ACK		
<b>ASP Type</b> : DL_DAT_IN_CONN_ACKr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_connect_ack_DSS1(TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_CON_ACK(CALL_REF: BIT7OR15)		
<b>ASP Type</b> : DL_DAT_RQ_CONN_ACK		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_connect_ack_DSS1(TSV_CREF1)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : R_CONNECT		
<b>ASP Type</b> : DL_DAT_IN_CONNr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_connect_DSS1(TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_CONNECT(CALL_REF: BIT7OR15)		
<b>ASP Type</b> : DL_DAT_RQ_CONN		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_connect_DSS1(1,TSV_CREF1)	Send origin flag 1
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name :</b> R_DISC <b>ASP Type :</b> DL_DAT_IN_DISCr <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
mun	r_disconnect_DSS1(TSV_CREF1)	
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> S_DISC(CALL_REF: BIT7OR15) <b>ASP Type :</b> DL_DAT_RQ_DISC <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
mun	s_disconnect_DSS1(1,TSV_CREF1,16)	Use origin call reference flag hence 1 Use cause 16
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_FACILITY		
<b>ASP Type</b> : DL_DAT_IN_FACr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_facility_DSS1(TSV_FLAG_ORIG, TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_FACILITY(CALL_REF: BIT7OR15)		
<b>ASP Type</b> : DL_DAT_RQ_FAC		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_facility_DSS1(TSV_FLAG_ORIG, TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_INFO		
<b>ASP Type</b> : DL_DAT_IN_INFOr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_information_DSS1(TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_INFO		
<b>ASP Type</b> : DL_DAT_RQ_INF		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_information_DSS1(TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_NOTIFY		
<b>ASP Type</b> : DL_DAT_IN_NOTIFYr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_notify_DSS1(TSV_CREF1,?)	Any notify ind hence ?
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_PROG		
<b>ASP Type</b> : DL_DAT_IN_PROGr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_progress_DSS1( TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name :</b> R_RELEASE <b>ASP Type :</b> DL_DAT_IN_RELr <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
mun	r_release_DSS1(?, TSV_CREF1)	Use any call reference flag hence ?
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name :</b> S_RELEASE(CALL_REF: BIT7OR15) <b>ASP Type :</b> DL_DAT_RQ_REL <b>Derivation Path :</b> <b>Comments :</b>		
Parameter Name	Parameter Value	Comments
mun	s_release_DSS1(1, TSV_CREF1,16)	Use origin call reference flag hence 1 Use cause 16
<b>Detailed Comments :</b>		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_REL_COMP		
<b>ASP Type</b> : DL_DAT_IN_REL_COMr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_release_comp_DSS1(?, TSV_CREF1)	Use any call reference flag hence ?
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_REL_COMP(CALL_REF: BIT7OR15)		
<b>ASP Type</b> : DL_DAT_RQ_REL_COM		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_release_comp_DSS1(1, TSV_CREF1)	Use origin call reference flag hence 1
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_RESUME		
<b>ASP Type</b> : DL_DAT_IN_RESr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_resume_DSS1(?, TSV_CREF1)	Use any call reference flag hence ?
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_RES_ACK		
<b>ASP Type</b> : DL_DAT_IN_RES_ACKr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_resume_ack_DSS1(?, TSV_CREF1)	Use any call reference flag hence ?
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : R_RES_REJ		
<b>ASP Type</b> : DL_DAT_IN_RES_REJr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_resume_rej_DSS1(?, TSV_CREF1)	Use any call reference flag hence ?
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_STAT		
<b>ASP Type</b> : DL_DAT_IN_STATUSR		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_status_DSS1(TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_STAT_ENQ		
<b>ASP Type</b> : DL_DAT_IN_ST_ENQr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_status_enquiry_DSS1(TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_SUSPEND		
<b>ASP Type</b> : DL_DAT_IN_SUSr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_suspend_DSS1(?, TSV_CREF1)	Use any call reference flag hence ?
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_SUS_ACK		
<b>ASP Type</b> : DL_DAT_IN_SUS_ACKr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_suspend_ack_DSS1(?, TSV_CREF1)	Use any call reference flag hence ?
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_SUS_REJ		
<b>ASP Type</b> : DL_DAT_IN_SUS_REJr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_suspend_rej_DSS1(?, TSV_CREF1)	Use any call reference flag hence ?
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_SETUP_ACK		
<b>ASP Type</b> : DL_DAT_IN_SETUP_ACKr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_setup_ack_DSS1( TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_SETUP_ACK(CALL_REF: BIT7OR15)		
<b>ASP Type</b> : DL_DAT_RQ_SETUP_ACK		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_setup_ack_DSS1( TSV_CREF1)	Use origin call reference flag hence 1
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_SETUP		
<b>ASP Type</b> : DL_DAT_IN_SETUPr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_setup_DSS1( TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_SETUP_NX64		
<b>ASP Type</b> : DL_DAT_IN_SETUPr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_setup_DSS1( TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_SETUP_2X64		
<b>ASP Type</b> : DL_DAT_IN_SETUPr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_setup_DSS1( TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_SETUP_384		
<b>ASP Type</b> : DL_DAT_IN_SETUPr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_setup_DSS1( TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_SETUP_1536		
<b>ASP Type</b> : DL_DAT_IN_SETUPr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_setup_DSS1( TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_SETUP_1920		
<b>ASP Type</b> : DL_DAT_IN_SETUPr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_setup_DSS1( TSV_CREF1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_SETUP		
<b>ASP Type</b> : DL_DAT_RQ_SETUP		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_setup_DSS1(TSV_FLAG_ORIG, TSV_CREF1, TSV_BCHNUM1,TSP_LIPN1,TSP_IPN1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_SETUP_NX64		
<b>ASP Type</b> : DL_DAT_RQ_SETUP		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_setup_DSS1(TSV_FLAG_ORIG, TSV_CREF1, TSV_BCHNUM1,TSP_LIPN1,TSP_IPN1)	
<b>Detailed Comments</b> :		



ASP Constraint Declaration		
<b>Constraint Name</b> : S_SETUP_2X64		
<b>ASP Type</b> : DL_DAT_RQ_SETUP		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_setup_DSS1(TSV_FLAG_ORIG, TSV_CREF1, TSV_BCHNUM1,TSP_LIPN1,TSP_IPN1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_SETUP_384		
<b>ASP Type</b> : DL_DAT_RQ_SETUP		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_setup_DSS1(TSV_FLAG_ORIG, TSV_CREF1, TSV_BCHNUM1,TSP_LIPN1,TSP_IPN1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_SETUP_1536		
<b>ASP Type</b> : DL_DAT_RQ_SETUP		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_setup_DSS1(TSV_FLAG_ORIG, TSV_CREF1, TSV_BCHNUM1,TSP_LIPN1,TSP_IPN1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : S_SETUP_1920		
<b>ASP Type</b> : DL_DAT_RQ_SETUP		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	s_setup_DSS1(TSV_FLAG_ORIG, TSV_CREF1, TSV_BCHNUM1,TSP_LIPN1,TSP_IPN1)	
<b>Detailed Comments</b> :		

ASP Constraint Declaration		
<b>Constraint Name</b> : R_USER_INF		
<b>ASP Type</b> : DL_DAT_IN_UIr		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
mun	r_user_info_DSS1(?, TSV_CREF1)	Use any call reference flag hence ?
<b>Detailed Comments</b> :		

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC, OPC)		@
<-	r_s_cic(ClCnr)		
MType	'00000110'B		
BCI	r_BCI_m		
opt_part_ptr	TSO_compute_opt_ptr()		
OBCI	r_OBCI IF_PRESENT		
CRef	r_CRef IF_PRESENT		
Cause	r_Cause_o IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
GenNot	r_GenNot IF_PRESENT		
TMU	r_TMU IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
ADInf	r_ADInf IF_PRESENT		
RnNb	r_RnNb IF_PRESENT		
ParCmp	r_ParCmp IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CDInf	r_CDInf IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
RemOp	r_RemOp IF_PRESENT		@
ServAct	r_ServAct IF_PRESENT		@
RnNbRes	r_RnNbRes IF_PRESENT		
ConTrInd	r_ConTrInd IF_PRESENT		
UIDAcInd	r_UIDAcInd IF_PRESENT		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm_BCI_ECDI_1(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : ACM			
<b>Derivation Path</b> : r_acm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	r_BCI_m_ECDI_1		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm_BCI_ECDI_0_EchoInf_C(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : r_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	r_BCI_ECDI_0		i.n.i.
EchoInf	r_EchoInf_ini_ia		I/C not included but available
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm_BCI_ECDI_1_ECI_1(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : r_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	r_BCI_m_ECDI_1		
EchoInf	r_EchoInf_ii_or		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm_BCI_ECDI_1_EchoInf_4(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : r_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	r_BCI_m_ECDI_1		
EchoInf	r_EchoInf_ii		I/C included
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm_BCI_ECDI_1_EchoInf_14(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : r_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	r_BCI_m_ECDI_1		
EchoInf	r_EchoInf_ii_or		I/C included , or
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm_BCI(DPC, OPC: BIT_14; CICnr: BIT_12; v_CdPSI: BIT_2; v_ISDNAI: BIT_1) <b>PDU Type</b> : ACM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC, OPC)		
<-	r_s_cic(CICnr)		
MType	'00000110'B		
BCI	r_BCI(v_CdPSI, v_ISDNAI)		
opt_part_ptr	TSO_compute_opt_ptr()		
OBCI	r_OBCI IF_PRESENT		
CRef	r_CRef IF_PRESENT		@
Cause	r_Cause_o IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
GenNot	r_GenNot IF_PRESENT		
TMU	r_TMU IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
ADInf	r_ADInf IF_PRESENT		
RnNb	r_RnNb IF_PRESENT		
ParCmp	r_ParCmp IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CDInf	r_CDInf IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
RemOp	r_RemOp IF_PRESENT		@
ServAct	r_ServAct IF_PRESENT		@
RnNbRes	r_RnNbRes IF_PRESENT		
ConTrInd	r_ConTrInd IF_PRESENT		
UIDAcInd	r_UIDAcInd IF_PRESENT		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm_no_RnNb(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : r_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	—		
UUInd	—		
UUInf	—		
TMU	—		
ADInf	—		
RnNb	—		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm_RnNb_Filler_0(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : r_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	—		
UUInd	—		
UUInf	—		
TMU	—		
ADInf	—		
RnNb	r_RnNb_Filler_0		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm_UUInd(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : r_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	–		
UUInd	r_UUInd_response		
GenNot	–		
TMU	–		
RnNb	–		
CDInf	–		
RnNbRes	–		
EndOP	'00'O		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_acm_TMU_speech(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : ACM			
<b>Derivation Path</b> : r_acm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMU	r_TMU		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC, OPC, SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000110'B		
BCI	s_BCI_m		
opt_part_ptr	'00'O		
OBCI	-		
CRef	-		
Cause	-		
UUInd	-		
UUInf	-		
ATP	-		
GenNot	-		
TMU	-		
EchoInf	-		
ADInf	-		
RnNb	-		
ParCmp	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CDInf	—		
NtwFac	—		
RemOp	—		
ServAct	—		
RnNbRes	—		
ConTrInd	—		
UIDAcInd	—		
EndOP	—		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm_BCI(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; v_CdPSI: BIT_2; v_ISDNAI: BIT_1) <b>PDU Type</b> : ACM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC, OPC, SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000110'B		
BCI	s_BCI(v_CdPSI, v_ISDNAI)		
opt_part_ptr	'00'O		
OBCI	-		
CRef	-		
Cause	-		
UUInd	-		
UUInf	-		
ATP	-		
GenNot	-		
TMU	-		
EchoInf	-		
ADInf	-		
RnNb	-		
ParCmp	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CDInf	—		
NtwFac	—		
RemOp	—		
ServAct	—		
RnNbRes	—		
ConTrInd	—		/35/ TJS
UIDAcInd	—		/35/ TJS
EndOP	—		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm_BCI_ECDI_1(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : s_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	s_BCI_m_ECDI_1		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm_BCI_ECDI_0_EchoInf_04(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : s_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	s_BCI_m_ECDI_0		i.n.i.
EchoInf	s_EchoInf_ini_ina		I/C not included not avail.
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm_BCI_ECDI_1_EchoInf_4(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : s_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	s_BCI_m_ECDI_1		
EchoInf	s_EchoInf_ii		I/C included
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm_BCI_ECDI_1_EchoInf_14(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : s_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	s_BCI_m_ECDI_1		
EchoInf	s_EchoInf_ii_or		I/C included
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm_BCI_ECDI_1_EchoInf_19(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : ACM <b>Derivation Path</b> : s_acm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	s_BCI_m_ECDI_1		
EchoInf	s_EchoInf_ii_oni_or		I/C included, oni, or
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm_RnNb(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : ACM			
<b>Derivation Path</b> : s_acm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RnNb	s_RnNb		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm_RnNb_Filler(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : ACM			
<b>Derivation Path</b> : s_acm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RnNb	s_RnNb_Filler		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm_UUInd(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : ACM			
<b>Derivation Path</b> : s_acm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
UUInd	s_UUInd_response		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_acm_TMU_speech(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12)			
<b>PDU Type</b> : ACM			
<b>Derivation Path</b> : s_acm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
TMU	s_TMU		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_anm(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : ANM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC, OPC)		
<-	r_s_cic(CICnr)		
MType	'00001001'B		
opt_part_ptr	TSO_compute_opt_ptr()		
BCI	r_BCI_o IF_PRESENT		
OBCI	r_OBCI IF_PRESENT		
CRef	r_CRef IF_PRESENT		@
UUInd	r_UUInd IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ConNb	r_ConNb IF_PRESENT		
ATP	r_ATP IF_PRESENT		
ADInf	r_ADInf IF_PRESENT		
GenNot	r_GenNot IF_PRESENT		
ParCmp	r_ParCmp IF_PRESENT		
BGVNS	r_BGVNS IF_PRESENT		/24/ TJS
CHInf	r_CHInf IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
TMU	r_TMU IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
RemOp	r_RemOp IF_PRESENT		@
RnNb	r_RnNb IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		@
EchoInf	r_EchoInf IF_PRESENT		
RnNbRes	r_RnNbRes IF_PRESENT		
DisInf	r_DisInf IF_PRESENT		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_anm_no_ConNb(DPC, OPC: BIT_14; ClCnr: BIT_12)			
<b>PDU Type</b> : ANM			
<b>Derivation Path</b> : r_anm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
UUInd	—		
UUInf	—		
ConNb	—		
ADInf	—		
TMU	—		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_anm_ConNb(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : ANM <b>Derivation Path</b> : r_anm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
UUInd	–		
UUInf	–		
ConNb	r_ConNb		
ADInf	–		
TMU	–		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_anm_ConNb_Filler_0(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : ANM <b>Derivation Path</b> : r_anm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
UUInd	–		
UUInf	–		
ConNb	r_ConNb_Filler_0		
ADInf	–		
TMU	–		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_anm_CHInf(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : ANM <b>Derivation Path</b> : r_anm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CHInf EndOP	r_CHInf '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_anm_TMU_speech(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : ANM <b>Derivation Path</b> : r_anm. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMU EndOP	r_TMU '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_anm(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : ANM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC, OPC, SLS)		
<-	r_s_cic(ClCnr)		
MType	'00001001'B		
opt_part_ptr	'00'O		
BCI	-		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	-		
ConNb	-		
ATP	-		
ADInf	-		
GenNot	-		
ParCmp	-		
BGVNS	-		/25/ TJS
CHInf	-		
GenNb	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
TMU	—		
NtwFac	—		
RemOp	—		
RnNb	—		
ServAct	—		
EchoInf	—		
RnNbRes	—		
DisInf	—		
EndOP	—		
Detailed Comments :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_anm_CHInf(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; CHistInf: OCT_2) <b>PDU Type</b> : ANM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC, OPC, SLS)		
<-	r_s_cic(CICnr)		
MType	'00001001'B		
opt_part_ptr	'07'O		
BCI	-		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	-		
ConNb	-		
ATP	-		
ADInf	-		
GenNot	-		
ParCmp	s_ParCmp_CHInf		
BGVNS	-		/26/ TJS
CHInf	s_CHInf(CHistInf)		
GenNb	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
TMU	—		
NtwFac	—		
RemOp	—		
RnNb	—		
ServAct	—		
EchoInf	—		
RnNbRes	—		
DisInf	—		/37/ TJS
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_anm_ConNb(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : ANM			
<b>Derivation Path</b> : s_anm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
ConNb	s_ConNb		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_anm_ConNb_Filler(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : ANM			
<b>Derivation Path</b> : s_anm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
ConNb	s_ConNb_Filler		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_anm_TMU_speech(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12)			
<b>PDU Type</b> : ANM			
<b>Derivation Path</b> : s_anm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
TMU	s_TMU		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cpg(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : CPG <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<--	r_Routing_label(DPC, OPC)		
<--	r_s_cic(ClCnr)		
MType	'00101100'B		
EvInf	r_EvInf		
opt_part_ptr	TSO_compute_opt_ptr()		
Cause	r_Cause_o IF_PRESENT		
CRef	r_CRef IF_PRESENT		@
BCI	r_BCI_o IF_PRESENT		
OBCI	r_OBCI IF_PRESENT		
ATP	r_ATP IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
RnNb	r_RnNb IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
GenNot	r_GenNot IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
RemOp	r_RemOp IF_PRESENT		@
TMU	r_TMU IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ADInf	r_ADInf IF_PRESENT		@
ParCmp	r_ParCmp IF_PRESENT		
CDInf	r_CDInf IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		
RnNbRes	r_RnNbRes IF_PRESENT		
CTNb	r_CTNb IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
ConNb	r_ConNb IF_PRESENT		
BGVNS	r_BGVNS IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
CHInf	r_CHInf IF_PRESENT		
ConTrInd	r_ConTrInd IF_PRESENT		
UIDAcInd	r_UIDAcInd IF_PRESENT		
Unknown	–		
EndOP	'00'O IF_PRESENT		
Detailed Comments :			
@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cpg_EchoInf_4(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : CPG <b>Derivation Path</b> : r_cpg. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	r_BCI_ECIDI_1		
EchoInf	r_EchoInf_ii_or		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cpg_EchoInf_C(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : CPG <b>Derivation Path</b> : r_cpg. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
BCI	r_BCI_ECIDI_0		
EchoInf	r_EchoInf_ini_ia		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cpg_TMU_speech(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : CPG			
<b>Derivation Path</b> : r_cpg.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMU	r_TMU		
EndOP	'00'O		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_cpg(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CPG <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<--	s_Routing_label(DPC, OPC, SLS)		
<--	r_s_cic(CICnr)		
MType	'00101100'B		
EvInf	s_EvInf		
opt_part_ptr	'01'O		
Cause	—		
CRef	—		
BCI	s_BCI_o		
OBCI	—		
ATP	—		
UUInd	—		
RnNb	—		
UUInf	—		
GenNot	—		
NtwFac	—		
RemOp	—		
TMU	—		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ADInf	—		
ParCmp	—		
CDInf	—		
ServAct	—		
RnNbRes	—		
CTNb	—		
EchoInf	—		
ConNb	—		
BGVNS	—		
GenNb	—		
CHInf	—		
ConTrInd	—		
UIDAcInd	—		
Unknown	—		
EndOP	'00'O		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cpg_pxx_discm(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_PType: BIT_8; v_A: BIT_1; v_C: BIT_1) <b>PDU Type</b> : CPG <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC, OPC, SLS)		
<-	r_s_cic(ClCnr)		
MType	'00101100'B		
EvInf	s_EvInf		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	s_BCI_o		
OBCI	-		
ATP	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
NtwFac	-		
RemOp	-		
TMU	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ADInf	—		
ParCmp	s_ParCmp_discm(val_PType,v_A , v_C)		
CDInf	—		
ServAct	—		
RnNbRes	—		
CTNb	—		/27/ TJS
EchoInf	—		/27/ TJS
ConNb	—		/27/ TJS
BGVNS	—		/27/ TJS
GenNb	—		/27/ TJS
CHInf	—		/27/ TJS
ConTrInd	—		/27/ TJS
UIDAcInd	—		/27/ TJS
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cpg_pxx_pass_discm(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_PType: BIT_8; v_A:BIT_1; v_C:BIT_1) <b>PDU Type</b> : CPG <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC, OPC, SLS)		
<-	r_s_cic(ClCnr)		
MType	'00101100'B		
EvInf	s_EvInf		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	s_BCI_o		
OBCI	-		
ATP	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
NtwFac	-		
RemOp	-		
TMU	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ADInf	–		
ParCmp	s_ParCmp_pass_discm(val_PType, v_A, v_C)		
CDInf	–		
ServAct	–		
RnNbRes	–		
CTNb	–		/28/ TJS
EchoInf	–		/28/ TJS
ConNb	–		/28/ TJS
BGVNS	–		/28/ TJS
GenNb	–		/28/ TJS
CHInf	–		/28/ TJS
ConTrInd	–		/28/ TJS
UIDAcInd	–		/28/ TJS
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cpg_pxx_pass_discp(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_PType: BIT_8; v_A:BIT_1; v_C:BIT_1) <b>PDU Type</b> : CPG <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC, OPC, SLS)		
<-	r_s_cic(CICnr)		
MType	'00101100'B		
EvInf	s_EvInf		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	s_BCI_o		
OBCI	-		
ATP	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
NtwFac	-		
RemOp	-		
TMU	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ADInf	–		
ParCmp	s_ParCmp_pass_discp(val_PType, v_A, v_C)		
CDInf	–		
ServAct	–		
RnNbRes	–		
CTNb	–		/28/ TJS
EchoInf	–		/28/ TJS
ConNb	–		/28/ TJS
BGVNS	–		/28/ TJS
GenNb	–		/28/ TJS
CHInf	–		/28/ TJS
ConTrInd	–		/28/ TJS
UIDAcInd	–		/28/ TJS
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
Detailed Comments :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_cpg_TMU_speech(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : CPG			
<b>Derivation Path</b> : s_cpg.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMU	s_TMU		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_gra(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : GRA <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr RngSts	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00101001'B '01'O r_RngSts_gra		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_gra(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : GRA <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr RngSts	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00101001'B '01'O s_RngSts_gra		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cfn(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CFN <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr opt_part_ptr Cause Unknown EndOP	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00101111'B '02'O '00'O r_Cause_m - -		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cfn_c97(DPC, OPC: BIT_14; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : CFN <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC, OPC)		
<-	r_s_cic(ClCnr)		
MType	'00101111'B		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
Cause	r_Cause_m_C97_MXX(val_MType)		
Unknown	-		
EndOP	-		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cfn_c99_pxx(DPC, OPC: BIT_14; ClCnr: BIT_12; val_PType: BIT_8) <b>PDU Type</b> : CFN <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC, OPC)		
<-	r_s_cic(ClCnr)		
MType	'00101111'B		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
Cause	r_Cause_m_C99_PXX(val_PType )		
Unknown	-		
EndOP	-		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cfn_c110_cpg_pxx(DPC, OPC: BIT_14; ClCnr: BIT_12; val_PType: BIT_8) <b>PDU Type</b> : CFN <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC, OPC)		
<-	r_s_cic(ClCnr)		
MType	'00101111'B		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
Cause	r_Cause_m_C110_CPG_PXX(val_PType)		
Unknown	-		
EndOP	-		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cfn_c110_cgb_CICGrp(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CFN <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr opt_part_ptr Cause Unknown EndOP	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00101111'B '02'O '00'O r_Cause_m_C110_CGB_CICGrp - -		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_cfn_c110_iam_NatCon(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CFN <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr opt_part_ptr Cause Unknown EndOP	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00101111'B '02'O '00'O r_Cause_m_C110_IAM_NatCon - -		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cfn_pxx(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_PType: BIT_8) <b>PDU Type</b> : CFN <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr opt_part_ptr Cause Unknown EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00101111'B '02'O TSO_compute_opt_ptr() s_Cause_m_Diag('0000'B, '00'O) r_s_unknown_par(val_PType) '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cfn_c99(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_PType: BIT_8) <b>PDU Type</b> : CFN <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr opt_part_ptr Cause  Unknown EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00101111'B '02'O '00'O s_Cause_m_C99_PXX(val_PType) e) - -		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_con(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : CON <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC, OPC)		
<-	r_s_cic(ClCnr)		
MType	'00000111'B		
BCI	r_BCI_m		
opt_part_ptr	TSO_compute_opt_ptr()		
OBCI	r_OBCI IF_PRESENT		
ConNb	r_ConNb IF_PRESENT		
CRef	r_CRef IF_PRESENT		@
UUInd	r_UUInd IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
GenNot	r_GenNot IF_PRESENT		
RemOp	r_RemOp IF_PRESENT		@
TMU	r_TMU IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
ADInf	r_ADInf IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CHInf	r_CHInf IF_PRESENT		ISUP '92 only @
ParCmp	r_ParCmp IF_PRESENT		
RnNb	–		
ServAct	r_ServAct IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
RnNbRes	r_RnNbRes IF_PRESENT		
ConTrInd	r_ConTrInd IF_PRESENT		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_con_TMU_speech(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : CON			
<b>Derivation Path</b> : r_con.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMU	r_TMU		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_con(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CON <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC, OPC, SLS)		
<-	r_s_cic(CICnr)		
MType	'00000111'B		
BCI	s_BCI_m		
opt_part_ptr	'00'O		
OBCI	-		
ConNb	-		
CRef	-		
UUInd	-		
UUInf	-		
ATP	-		
NtwFac	-		
GenNot	-		
RemOp	-		
TMU	-		
EchoInf	-		
ADInf	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CHInf	—		
ParCmp	—		
RnNb	—		
ServAct	—		
GenNb	—		
RnNbRes	—		
ConTrInd	—		
EndOP	—		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_con_TMU_speech(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CON <b>Derivation Path</b> : s_con. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
TMU	s_TMU		
EndOP	'00'O		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_cot(DPC, OPC:BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : COT <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType ContInd	r_Routing_label(DPC, OPC) r_s_cic(ClCnr) '00000101'B r_s_ContInd_pass		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cot(DPC, OPC:BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : COT <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType ContInd	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00000101'B r_s_ContInd_pass		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cot_fail(DPC, OPC:BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : COT <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType ContInd	r_Routing_label(DPC, OPC) r_s_cic(ClCnr) '00000101'B r_s_ContInd_fail		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cot_fail(DPC, OPC:BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : COT <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType ContInd	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) '00000101'B r_s_ContInd_fail		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_cic_iam		
MType	'00000001'B		
NatCon	r_NatCon		
FCI	r_FCI_base		
CgPC	r_CgPC_m		
TMR	?		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	r_CdPN		
TNtwSel	r_TNtwSel IF_PRESENT		@
CRef	r_CRef IF_PRESENT		@
CgPN	r_CgPN IF_PRESENT		
OFCI	r_s_OFCI_no_segm IF_PRESENT		
RgNb	r_RgNb IF_PRESENT		
RnInf	r_RnInf IF_PRESENT		
CUGIC	r_CUGIC IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	r_ConRq IF_PRESENT		
OriCdNb	r_OriCdNb IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
USI	r_USI IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
PDC	r_PDC IF_PRESENT		
USIp	r_USIp IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
GenDig	r_GenDig IF_PRESENT		@
OriISC	r_OriISC IF_PRESENT		
UTI	r_UTI IF_PRESENT		
RemOp	r_RemOp IF_PRESENT		@
ParCmp	r_ParCmp IF_PRESENT		
GenNot	r_GenNot IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		@
GenRef	r_GenRef IF_PRESENT		
MLPPpre	r_MLPPpre IF_PRESENT		
TMRp	r_TMRp IF_PRESENT		
LocNb	r_LocNb IF_PRESENT		
ForGVNS	r_ForGVNS IF_PRESENT		
CCSS	r_CCSS IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	r_NetManCon IF_PRESENT		
CctAssMap	r_CctAssMap IF_PRESENT		
CorrID	r_CorrID IF_PRESENT		
CDivTrInd	r_CDivTrInd IF_PRESENT		
CdINnum	r_CdINnum IF_PRESENT		
COffTrInd	r_COffTrInd IF_PRESENT		
ConfTrInd	r_ConTrInd IF_PRESENT		
SCFid	r_SCFid IF_PRESENT		
UIDcapInd	r_UIDcapInd IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
HopCnt	r_HopCnt IF_PRESENT		
ColCReq	r_ColCReq IF_PRESENT		
Unknown	—		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_any(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_cic_iam		
MType	'00000001'B		
NatCon	r_NatCon		
FCI	r_FCI_base		
CgPC	r_CgPC_m		
TMR	?		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	r_CdPN		
TNtwSel	r_TNtwSel IF_PRESENT		@
CRef	r_CRef IF_PRESENT		@
CgPN	r_CgPN IF_PRESENT		
OFCI	r_s_OFCI_no_segm IF_PRESENT		
RgNb	r_RgNb IF_PRESENT		
RnInf	r_RnInf IF_PRESENT		
CUGIC	r_CUGIC IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	r_ConRq IF_PRESENT		
OriCdNb	r_OriCdNb IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
USI	r_USI IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
PDC	r_PDC IF_PRESENT		
USIp	r_USIp IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
GenDig	r_GenDig IF_PRESENT		@
OriISC	r_OriISC IF_PRESENT		
UTI	r_UTI IF_PRESENT		
RemOp	r_RemOp IF_PRESENT		@
ParCmp	r_ParCmp IF_PRESENT		
GenNot	r_GenNot IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		@
GenRef	r_GenRef IF_PRESENT		
MLPPpre	r_MLPPpre IF_PRESENT		
TMRp	r_TMRp IF_PRESENT		
LocNb	r_LocNb IF_PRESENT		
ForGVNS	r_ForGVNS IF_PRESENT		/38/ TJS start
CCSS	r_CCSS IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	r_NetManCon IF_PRESENT		
CctAssMap	r_CctAssMap IF_PRESENT		
CorrID	r_CorrID IF_PRESENT		
CDivTrInd	r_CDivTrInd IF_PRESENT		
CdINnum	r_CdINnum IF_PRESENT		
COffTrInd	r_COffTrInd IF_PRESENT		
ConfTrInd	r_ConTrInd IF_PRESENT		
SCFid	r_SCFid IF_PRESENT		
UIDcapInd	r_UIDcapInd IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
HopCnt	r_HopCnt IF_PRESENT		
ColCReq	r_ColCReq IF_PRESENT		/38/ TJS end
Unknown	—		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_pxx_pass_on_a0(DPC,OPC: BIT_14; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_cic_iam		
MType	'00000001'B		
NatCon	r_NatCon		
FCI	r_FCI_base		
CgPC	r_CgPC_m		
TMR	'00000000'B		Speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	r_CdPN		
TNtwSel	r_TNtwSel IF_PRESENT		@
CRef	r_CRef IF_PRESENT		@
CgPN	r_CgPN IF_PRESENT		
OFCI	r_s_OFCI_no_segm IF_PRESENT		
RgNb	r_RgNb IF_PRESENT		
RnInf	r_RnInf IF_PRESENT		
CUGIC	r_CUGIC IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	r_ConRq IF_PRESENT		
OriCdNb	r_OriCdNb IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
USI	r_USI IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
PDC	r_PDC IF_PRESENT		
USIp	r_USIp IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
GenDig	r_GenDig IF_PRESENT		@
OriISC	r_OriISC IF_PRESENT		
UTI	r_UTI IF_PRESENT		
RemOp	r_RemOp IF_PRESENT		@
ParCmp	r_ParCmp_pass_on_A0(val_PType)		
GenNot	r_GenNot IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		@
GenRef	r_GenRef IF_PRESENT		
MLPPpre	r_MLPPpre IF_PRESENT		
TMRp	r_TMRp IF_PRESENT		
LocNb	r_LocNb IF_PRESENT		
ForGVNS	r_ForGVNS IF_PRESENT		/38/ TJS start

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CCSS	r_CCSS IF_PRESENT		
NetManCon	r_NetManCon IF_PRESENT		
CctAssMap	r_CctAssMap IF_PRESENT		
CorrID	r_CorrID IF_PRESENT		
CDivTrInd	r_CDivTrInd IF_PRESENT		
CdINnum	r_CdINnum IF_PRESENT		
COffTrInd	r_COffTrInd IF_PRESENT		
ConfTrInd	r_ConTrInd IF_PRESENT		
SCFid	r_SCFid IF_PRESENT		
UIDcapInd	r_UIDcapInd IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
HopCnt	r_HopCnt IF_PRESENT		
ColCReq	r_ColCReq IF_PRESENT		/38/ TJS end
Unknown	—		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_pxx_pass_on_a1(DPC,OPC: BIT_14; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_cic_iam		
MType	'00000001'B		
NatCon	r_NatCon		
FCI	r_FCI_base		
CgPC	r_CgPC_m		
TMR	'00000000'B		Speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	r_CdPN		
TNtwSel	r_TNtwSel IF_PRESENT		@
CRef	r_CRef IF_PRESENT		@
CgPN	r_CgPN IF_PRESENT		
OFCI	r_s_OFCI_no_segm IF_PRESENT		
RgNb	r_RgNb IF_PRESENT		
RnInf	r_RnInf IF_PRESENT		
CUGIC	r_CUGIC IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	r_ConRq IF_PRESENT		
OriCdNb	r_OriCdNb IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
USI	r_USI IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
PDC	r_PDC IF_PRESENT		
USIp	r_USIp IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
GenDig	r_GenDig IF_PRESENT		@
OriISC	r_OriISC IF_PRESENT		
UTI	r_UTI IF_PRESENT		
RemOp	r_RemOp IF_PRESENT		@
ParCmp	r_ParCmp_pass_on_A1(val_PType)		
GenNot	r_GenNot IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		@
GenRef	r_GenRef IF_PRESENT		
MLPPpre	r_MLPPpre IF_PRESENT		
TMRp	r_TMRp IF_PRESENT		
LocNb	r_LocNb IF_PRESENT		
ForGVNS	r_ForGVNS IF_PRESENT		/38/ TJS start

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CCSS	r_CCSS IF_PRESENT		
NetManCon	r_NetManCon IF_PRESENT		
CctAssMap	r_CctAssMap IF_PRESENT		
CorrID	r_CorrID IF_PRESENT		
CDivTrInd	r_CDivTrInd IF_PRESENT		
CdINnum	r_CdINnum IF_PRESENT		
COffTrInd	r_COffTrInd IF_PRESENT		
ConfTrInd	r_ConTrInd IF_PRESENT		
SCFid	r_SCFid IF_PRESENT		
UIDcapInd	r_UIDcapInd IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
HopCnt	r_HopCnt IF_PRESENT		
ColCReq	r_ColCReq IF_PRESENT		/38/ TJS end
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_pxx_transit(DPC,OPC: BIT_14; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_cic_iam		
MType	'00000001'B		
NatCon	r_NatCon		
FCI	r_FCI_base		
CgPC	r_CgPC_m		
TMR	'00000000'B		Speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	r_CdPN		
TNtwSel	r_TNtwSel IF_PRESENT		@
CRef	r_CRef IF_PRESENT		@
CgPN	r_CgPN IF_PRESENT		
OFCI	r_s_OFCI_no_segm IF_PRESENT		
RgNb	r_RgNb IF_PRESENT		
RnInf	r_RnInf IF_PRESENT		
CUGIC	r_CUGIC IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	r_ConRq IF_PRESENT		
OriCdNb	r_OriCdNb IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
USI	r_USI IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
PDC	r_PDC IF_PRESENT		
USIp	r_USIp IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
GenDig	r_GenDig IF_PRESENT		@
OriISC	r_OriISC IF_PRESENT		
UTI	r_UTI IF_PRESENT		
RemOp	r_RemOp IF_PRESENT		@
ParCmp	r_ParCmp_transit(val_PType)		
GenNot	r_GenNot IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		@
GenRef	r_GenRef IF_PRESENT		
MLPPpre	r_MLPPpre IF_PRESENT		
TMRp	r_TMRp IF_PRESENT		
LocNb	r_LocNb IF_PRESENT		
ForGVNS	r_ForGVNS IF_PRESENT		/38/ TJS start
CCSS	r_CCSS IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	r_NetManCon IF_PRESENT		
CctAssMap	r_CctAssMap IF_PRESENT		
CorrID	r_CorrID IF_PRESENT		
CDivTrInd	r_CDivTrInd IF_PRESENT		
CdINnum	r_CdINnum IF_PRESENT		
COffTrInd	r_COffTrInd IF_PRESENT		
ConfTrInd	r_ConTrInd IF_PRESENT		
SCFid	r_SCFid IF_PRESENT		
UIDcapInd	r_UIDcapInd IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
HopCnt	r_HopCnt IF_PRESENT		
ColCReq	r_ColCReq IF_PRESENT		/38/ TJS end
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_pxx(DPC,OPC: BIT_14; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_cic_iam		
MType	'00000001'B		
NatCon	r_NatCon		
FCI	r_FCI_base		
CgPC	r_CgPC_m		
TMR	'00000000'B		Speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	r_CdPN		
TNtwSel	r_TNtwSel IF_PRESENT		@
CRef	r_CRef IF_PRESENT		@
CgPN	r_CgPN IF_PRESENT		
OFCI	r_s_OFCI_no_segm IF_PRESENT		
RgNb	r_RgNb IF_PRESENT		
RnInf	r_RnInf IF_PRESENT		
CUGIC	r_CUGIC IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	r_ConRq IF_PRESENT		
OriCdNb	r_OriCdNb IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
USI	r_USI IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
PDC	r_PDC IF_PRESENT		
USIp	r_USIp IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
GenDig	r_GenDig IF_PRESENT		@
OriISC	r_OriISC IF_PRESENT		
UTI	r_UTI IF_PRESENT		
RemOp	r_RemOp IF_PRESENT		@
ParCmp	r_ParCmp		
GenNot	r_GenNot IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		@
GenRef	r_GenRef IF_PRESENT		
MLPPpre	r_MLPPpre IF_PRESENT		
TMRp	r_TMRp IF_PRESENT		
LocNb	r_LocNb IF_PRESENT		
ForGVNS	r_ForGVNS IF_PRESENT		/38/ TJS start
CCSS	r_CCSS IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	r_NetManCon IF_PRESENT		
CctAssMap	r_CctAssMap IF_PRESENT		
CorrID	r_CorrID IF_PRESENT		
CDivTrInd	r_CDivTrInd IF_PRESENT		
CdINnum	r_CdINnum IF_PRESENT		
COffTrInd	r_COffTrInd IF_PRESENT		
ConfTrInd	r_ConTrInd IF_PRESENT		
SCFid	r_SCFid IF_PRESENT		
UIDcapInd	r_UIDcapInd IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
HopCnt	r_HopCnt IF_PRESENT		
ColCReq	r_ColCReq IF_PRESENT		/38/ TJS end
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_no_CgPN(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CgPN	—		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_CgPN_APRI_01(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CgPN	r_CgPN_APRI_01		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_CgPN_Filler_0(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CgPN	r_CgPN_Filler_0		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_CgPC_0a(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CgPC	r_s_CgPC_0A_m		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_ColCReq_1(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
ColCReq	r_ColCReq_1		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_FCI(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
FCI	r_s_FCI		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_Hop(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
HopCnt	r_HopCnt		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_Hop_2(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
HopCnt	r_HopCnt_2		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_NatCon_ECDI_0(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECDI_0		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_NatCon_ECDI_1(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECDI_1		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_NatCon_ECDI_0_EcContInf_1(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : O/G not included and not available			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECDI_0		O/G not included and not available
EchoInf	r_EchoInf_oni_ona		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_NatCon_ECDI_0_EcContInf_3(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECDI_0		O/G not included but avail
EchoInf	r_EchoInf_oni_oa		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_NatCon_ECDI_1_EcContInf_2(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECDI_1		
EchoInf	r_EchoInf_oi		O/G included
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_NatCon_Satl(DPC,OPC: BIT_14; SatNb:BIT_2) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_cic_iam		
MType	'00000001'B		
NatCon	r_s_NatCon_Satl(SatNb)		
FCI	r_FCI_base		
CgPC	r_CgPC_m		
TMR	?		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	r_CdPN		
TNtwSel	r_TNtwSel IF_PRESENT		@
CRef	r_CRef IF_PRESENT		@
CgPN	r_CgPN IF_PRESENT		
OFCI	r_s_OFCI_no_segm IF_PRESENT		
RgNb	r_RgNb IF_PRESENT		
RnInf	r_RnInf IF_PRESENT		
CUGIC	r_CUGIC IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	r_ConRq IF_PRESENT		
OriCdNb	r_OriCdNb IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
USI	r_USI IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
PDC	r_PDC IF_PRESENT		
USIp	r_USIp IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
GenDig	r_GenDig IF_PRESENT		@
OriISC	r_OriISC IF_PRESENT		
UTI	r_UTI IF_PRESENT		
RemOp	r_RemOp IF_PRESENT		@
ParCmp	r_ParCmp IF_PRESENT		
GenNot	r_GenNot IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		@
GenRef	r_GenRef IF_PRESENT		
MLPPpre	r_MLPPpre IF_PRESENT		
TMRp	r_TMRp IF_PRESENT		
LocNb	r_LocNb IF_PRESENT		
ForGVNS	r_ForGVNS IF_PRESENT		/38/ TJS start
CCSS	r_CCSS IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	r_NetManCon IF_PRESENT		
CctAssMap	r_CctAssMap IF_PRESENT		
CorrID	r_CorrID IF_PRESENT		
CDivTrInd	r_CDivTrInd IF_PRESENT		
CdINnum	r_CdINnum IF_PRESENT		
COffTrInd	r_COffTrInd IF_PRESENT		
ConfTrInd	r_ConTrInd IF_PRESENT		
SCFid	r_SCFid IF_PRESENT		
UIDcapInd	r_UIDcapInd IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
HopCnt	r_HopCnt IF_PRESENT		
ColCReq	r_ColCReq IF_PRESENT		/38/ TJS end
Unknown	—		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_NatCon_CntChl_0x(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_NatCon_CntChl_0X		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_NatCon_CntChl_01(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_NatCon_CntChl_01		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_NatCon_CntChl_10(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_CntChl_10		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_NetManCon_1(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NetManCon	r_NetManCon_TAR_cont		TAR controlled call
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_OFCl_CUGCl_00(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
OFCl	r_s_OFCl_no_segm		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
EndOP	'00'O		

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PDU Constraint Declaration
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<b>Detailed Comments :</b>
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@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.
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PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_OriCdNb_APRI_01(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CUGIC	—		
ConRq	—		
OriCdNb	r_OriCdNb_APRI_01		
UUInf	—		
UUInd	—		
USIp	—		
OriISC	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
EndOP	'00'O		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_OriCdNb(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CUGIC	—		
ConRq	—		
UUInf	—		
UUInd	—		
USIp	—		
OrISC	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
EndOP	'00'O		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_PDC(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
PDC	r_PDC		PDC
ParCmp	r_ParCmp		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_RgNb_APRI_01(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RgNb	r_RgNb_APRI_01		
CUGIC	—		
ConRq	—		
UUInf	—		
UUInd	—		
USIp	—		
OriISC	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
EndOP	'00'O		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_RgNb_Filler_0(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RgNb	r_RgNb_Filler_0		
CUGIC	—		
ConRq	—		
UUInf	—		
UUInd	—		
USIp	—		
OriISC	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
EndOP	'00'O		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_no_RgNb(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RgNb	—		
CUGIC	—		
ConRq	—		
UUInf	—		
UUInd	—		
USIp	—		
OriISC	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_RnInf_Rglc_100(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RnInf	r_RnInf_Rglc_100		
CUGIC	—		
ConRq	—		
UUInf	—		
UUInd	—		
USIp	—		
OriISC	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
EndOP	'00'O		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_RnInf_OriRnReas_0000(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RnInf	r_RnInf_OriRnReas_0000		
CUGIC	—		
ConRq	—		
UUInf	—		
UUInd	—		
USIp	—		
OriISC	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_RnInf_RnCnT_5(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RnInf	r_RnInf_RnCnT_5		
CUGIC	—		
ConRq	—		
UUInf	—		
UUInd	—		
USIp	—		
OriISC	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
EndOP	'00'O		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_RnInf_RgReas_0000(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RnInf	r_RnInf_RgReas_0000		
CUGIC	—		
ConRq	—		
UUInf	—		
UUInd	—		
USIp	—		
OriISC	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
EndOP	'00'O		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_CdPN_even(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CdPN	r_CdPN_even		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_CdPN_Filler_0(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CdPN	r_CdPN_Filler_0		
RgNb	—		
RnInf	—		
CUGIC	—		
ConRq	—		
OriCdNb	—		
UUInf	—		
UUInd	—		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_UUInd(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RgNb	—		
RnInf	—		
CUGIC	—		
OriCdNb	—		
UUInd	r_UUInd_request		
GenNb	—		
USIp	—		
OriISC	—		
GenNot	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
EndOP	'00'O		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_CdPN_specific(DPC,OPC: BIT_14; val_number: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_cic_iam		
MType	'00000001'B		
NatCon	r_NatCon		
FCI	r_FCI_base		
CgPC	r_CgPC_m		
TMR	?		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	r_CdPN_specific(val_number)		
TNtwSel	r_TNtwSel IF_PRESENT		@
CRef	r_CRef IF_PRESENT		@
CgPN	r_CgPN IF_PRESENT		
OFCI	r_s_OFCI_no_segm IF_PRESENT		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	r_NtwFac IF_PRESENT		@
GenDig	r_GenDig IF_PRESENT		@
OriISC	—		
UTI	—		
RemOp	r_RemOp IF_PRESENT		@
ParCmp	r_ParCmp IF_PRESENT		
GenNot	—		
ServAct	r_ServAct IF_PRESENT		@
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	r_LocNb IF_PRESENT		
ForGVNS	—		/39/ TJS start
CCSS	—		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		
CctAssMap	—		
CorrID	—		
CDivTrInd	—		
CdINnum	—		
COffTrInd	—		
ConfTrInd	—		
SCFid	—		
UIDcapInd	—		
EchoInf	—		
HopCnt	—		
ColCReq	—		/39/ TJS end
Unknown	—		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_opr(DPC,OPC: BIT_14; val_number: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_cic_iam		
MType	'00000001'B		
NatCon	r_NatCon		
FCI	r_FCI_base		
CgPC	r_CgPC_m		
TMR	?		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	r_CdPN_specific(val_number)		
TNtwSel	r_TNtwSel IF_PRESENT		@
CRef	r_CRef IF_PRESENT		@
CgPN	r_CgPN IF_PRESENT		
OFCI	r_s_OFCI_no_segm IF_PRESENT		
RgNb	r_RgNb IF_PRESENT		
RnInf	r_RnInf IF_PRESENT		
CUGIC	r_CUGIC IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	r_ConRq IF_PRESENT		
OriCdNb	r_OriCdNb IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
USI	r_USI IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
PDC	r_PDC IF_PRESENT		
USIp	r_USIp IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
GenDig	r_GenDig IF_PRESENT		@
OriISC	r_OriISC IF_PRESENT		
UTI	r_UTI IF_PRESENT		
RemOp	r_RemOp IF_PRESENT		@
ParCmp	r_ParCmp IF_PRESENT		
GenNot	r_GenNot IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		@
GenRef	r_GenRef IF_PRESENT		
MLPPpre	r_MLPPpre IF_PRESENT		
TMRp	r_TMRp IF_PRESENT		
LocNb	r_LocNb IF_PRESENT		
ForGVNS	r_ForGVNS IF_PRESENT		/38/ TJS start
CCSS	r_CCSS IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	r_NetManCon IF_PRESENT		
CctAssMap	r_CctAssMap IF_PRESENT		
CorrID	r_CorrID IF_PRESENT		
CDivTrInd	r_CDivTrInd IF_PRESENT		
CdINnum	r_CdINnum IF_PRESENT		
COffTrInd	r_COffTrInd IF_PRESENT		
ConfTrInd	r_ConTrInd IF_PRESENT		
SCFid	r_SCFid IF_PRESENT		
UIDcapInd	r_UIDcapInd IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
HopCnt	r_HopCnt IF_PRESENT		
ColCReq	r_ColCReq IF_PRESENT		/38/ TJS end
Unknown	—		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_4x64_cct_map(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010001'B		4 x 64 kbit/s unrestricted
CctAssMap	?		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_2x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00000111'B		2 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_3x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010000'B		3 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_4x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010001'B		4 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_5x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010010'B		5 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_7x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010100'B		7 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_8x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010101'B		8 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_9x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010110'B		9 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_10x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010111'B		10 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_11x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011000'B		11 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_12x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011001'B		12 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_13x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011010'B		13 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_14x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011011'B		14 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_15x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011100'B		15 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_16x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011101'B		16 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_17x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011110'B		17 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_18x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011111'B		18 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_19x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100000'B		19 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_20x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100001'B		20 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_21x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100010'B		21 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_22x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100011'B		22 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_23x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100100'B		23 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_25x64(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100110'B		25 x 64 kbit/s unrestricted
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_26x64(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100111'B		26 x 64 kbit/s unrestricted
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_27x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00101000'B		27 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_28x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00101001'B		28 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_29x64(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00101010'B		29 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_384(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00001000'B		384 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_1536(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00001001'B		1536 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_TMR_1920(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00001010'B		1920 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_2TMR_2USI(DPC,OPC: BIT_14) <b>PDU Type</b> : IAM <b>Derivation Path</b> : r_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00000110'B		64 kbit/s unrestricted preferred
USI	r_USI		
USIp	r_USIp		
ParCmp	r_ParCmp		USIp and TMRp
TMRp	r_TMRp		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_64kbps(DPC,OPC: BIT_14; rate: BIT_5) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_cic_iam		
MType	'00000001'B		
NatCon	r_NatCon		
FCI	r_FCI_base		
CgPC	r_CgPC_m		
TMR	'00000010'B		64 kbit/s unrestricted
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	r_CdPN		
TNtwSel	r_TNtwSel IF_PRESENT		@
CRef	r_CRef IF_PRESENT		@
CgPN	r_CgPN IF_PRESENT		
OFCI	r_s_OFCI_no_segm IF_PRESENT		
RgNb	r_RgNb IF_PRESENT		
RnInf	r_RnInf IF_PRESENT		
CUGIC	r_CUGIC IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	r_ConRq IF_PRESENT		
OriCdNb	r_OriCdNb IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ATP	r_ATP IF_PRESENT		
USI	r_s_USI_64kbps(rate)		
UUInd	r_UUInd IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
PDC	r_PDC IF_PRESENT		
USIp	r_USIp IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
GenDig	r_GenDig IF_PRESENT		@
OriISC	r_OriISC IF_PRESENT		
UTI	r_UTI IF_PRESENT		
RemOp	r_RemOp IF_PRESENT		@
ParCmp	r_ParCmp IF_PRESENT		
GenNot	r_GenNot IF_PRESENT		
ServAct	r_ServAct IF_PRESENT		@
GenRef	r_GenRef IF_PRESENT		
MLPPpre	r_MLPPpre IF_PRESENT		
TMRp	r_TMRp IF_PRESENT		
LocNb	r_LocNb IF_PRESENT		
ForGVNS	r_ForGVNS IF_PRESENT		/38/ TJS start
CCSS	r_CCSS IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	r_NetManCon IF_PRESENT		
CctAssMap	r_CctAssMap IF_PRESENT		
CorrID	r_CorrID IF_PRESENT		
CDivTrInd	r_CDivTrInd IF_PRESENT		
CdINnum	r_CdINnum IF_PRESENT		
COffTrInd	r_COffTrInd IF_PRESENT		
ConfTrInd	r_ConTrInd IF_PRESENT		
SCFid	r_SCFid IF_PRESENT		
UIDcapInd	r_UIDcapInd IF_PRESENT		
EchoInf	r_EchoInf IF_PRESENT		
HopCnt	r_HopCnt IF_PRESENT		
ColCReq	r_ColCReq IF_PRESENT		/38/ TJS end
Unknown	—		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_iam_3_1kHz(DPC,OPC: BIT_14)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : r_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00000011'B		3.1 kHz audio
USI	r_s_USI_3_1kHz		
USIp	—		
TMRp	—		
EndOP	'00'O		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
CdPN	s_CdPN(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	-		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	—		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		
CCSS	—		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		
CctAssMap	—		
CorrID	—		
CDivTrInd	—		
CdINnum	—		
COffTrInd	—		
ConfTrInd	—		
SCFid	—		
UIDcapInd	—		
EchoInf	—		
HopCnt	—		
ColCReq	—		
Unknown	—		
EndOP	—		
Detailed Comments :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_L(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	-		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	—		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		
CCSS	—		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		
CctAssMap	—		
CorrID	—		
CDivTrInd	—		
CdINnum	—		
COffTrInd	—		
ConfTrInd	—		
SCFid	—		
UIDcapInd	—		
EchoInf	—		
HopCnt	—		
ColCReq	—		
Unknown	—		
EndOP	—		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_pxx_rel_a1(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	-		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	s_ParCmp_rel_A1(val_PType)		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS
CCSS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINnum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_pxx_rel_a0(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N; val_PType: BIT_8)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_pxx_rel_a1.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
ParCmp	s_ParCmp_rel_A0(val_PType)		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_pxx_discp(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N; val_PType: BIT_8; v_A: BIT_1; v_C: BIT_1) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<--	s_Routing_label(DPC,OPC,SLS)		speech
<--	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN(val_CdPN)		
TNtwSel	—		
CRef	—		
CgPN	—		
OFCI	—		
RgNb	—		
RnInf	—		
CUGIC	—		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	s_ParCmp_discp(val_PType,v_A, v_C)		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CCSS	—		/29/ TJS
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINnum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_pxx_no_pass_rel_a1(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_pxx_rel_a1. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
ParCmp	s_ParCmp_no_pass_rel_A1(val_PType)		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_pxx_no_pass_rel_a0(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_pxx_rel_a1. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
ParCmp	s_ParCmp_no_pass_rel_A0(val_PType)		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_pxx_no_cinf(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_pxx_rel_a1. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
ParCmp	–		
Unknown	r_s_unknown_par(val_PType)		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_pxx_pass_discp(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_pxx_rel_a1. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
ParCmp	s_ParCmp_pass_discp(val_PType, '0'B, '0'B)		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CdPN_NbPI_111(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CdPN	s_CdPN_NbPI_111(val_CdPN)		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CdPN_AdSg_a(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CdPN	s_CdPN_AdSg_A(val_CdPN)		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CdPN_part(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CdPN	s_CdPN(val_CdPN)		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CdPN_Filler_1(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CdPN	s_CdPN_Filler_1(val_CdPN)		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_ColCReq_1(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
ColCReq	s_ColCReq_1		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_ECI_0(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Basic setup with EchoInf Param			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECIDI_0		oni
EchoInf	s_EchoInf_oa_oni		oni, oa
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_ECI_1(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Basic setup with EchoInf Param			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECDI_0		oni
EchoInf	s_EchoInf_ona_oni		ona, oni
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_ECI_2(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Basic setup with EchoInf Param			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECDI_1		oi
EchoInf	s_EchoInf_oi		oi
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_FCI_IPI_11(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
FCI	r_s_FCI_IPI_11		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_Hop_1(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
HopCnt	s_HopCnt(1)		Puts integer value 1 in the Hop_val /41/ TJS
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b>	: s_iam_Hop_max(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)		
<b>PDU Type</b>	: IAM		
<b>Derivation Path</b>	: s_iam_L.		
<b>Encoding Rule Name</b>	:		
<b>Encoding Variation</b>	:		
<b>Comments</b>	:		
Field Name	Field Value	Field Encoding	Comments
HopCnt	s_HopCnt(TSP_HopCnt)		/43/ TJS
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b>	: s_iam_NatCon_CntChl_01(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)		
<b>PDU Type</b>	: IAM		
<b>Derivation Path</b>	: s_iam.		
<b>Encoding Rule Name</b>	:		
<b>Encoding Variation</b>	:		
<b>Comments</b>	:		
Field Name	Field Value	Field Encoding	Comments
NatCon	s_NatCon_CntChl_01		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_NatCon_CntChl_10(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_CntChl_10		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_NatCon_ECDI_0(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : O/G echo dev not included			
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECDI_0		O/G echo dev not included
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b>	: s_iam_NatCon_ECDI_1(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)		
<b>PDU Type</b>	: IAM		
<b>Derivation Path</b>	: s_iam_L.		
<b>Encoding Rule Name</b>	:		
<b>Encoding Variation</b>	:		
<b>Comments</b>	: O/G echo dev included		
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECDI_1		O/G echo dev included
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b>	: s_iam_NatCon_ECDI_0_ECI_0(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)		
<b>PDU Type</b>	: IAM		
<b>Derivation Path</b>	: s_iam_L.		
<b>Encoding Rule Name</b>	:		
<b>Encoding Variation</b>	:		
<b>Comments</b>	: O/G echo dev not included		
Field Name	Field Value	Field Encoding	Comments
NatCon	r_s_NatCon_ECDI_0		O/G echo dev not included
EchoInf	s_EchoInf		no information
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_NatCon_Satl(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N; SatNb:BIT_2) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(CICnr)		
MType	'00000001'B		
NatCon	r_s_NatCon_Satl(SatNb)		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	-		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	—		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS
CCSS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINnum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	—		
EndOP	—		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_NetManCon_1(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NetManCon	s_NetManCon_TAR_cont		TAR controlled call
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_0b(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00001011'B		spare
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_cot_sgm(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NatCon	s_NatCon_CntChl_01		
opt_part_ptr	TSO_compute_opt_ptr()		
OFCl	r_s_OFCl_segm		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_sgm(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
OFCI	r_s_OFCI_segm		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_sgm_c(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
OFCl	r_s_OFCl_segm		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_4x64_cct_map(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010001'B		4 x 64 kbit/s unrestricted
CctAssMap	s_CctAssMap_4		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_2x64(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00000111'B		2 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_2x64_L(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00000111'B		2 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_3x64(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010000'B		3 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_4x64(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010001'B		4 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_5x64(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010010'B		5 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_7x64(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010100'B		7 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_8x64(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010101'B		8 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_9x64(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010110'B		9 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_10x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010111'B		10 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_10x64_L(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00010111'B		10 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_11x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011000'B		11 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_12x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011001'B		12 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_13x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011010'B		13 x 64 kbit/s unrestricted
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_14x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011011'B		14 x 64 kbit/s unrestricted
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_15x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011100'B		15 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_16x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011101'B		16 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_17x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011110'B		17 x 64 kbit/s unrestricted
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_18x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00011111'B		18 x 64 kbit/s unrestricted
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_19x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100000'B		19 x 64 kbit/s unrestricted
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_20x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100001'B		20 x 64 kbit/s unrestricted
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_21x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100010'B		21 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_22x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100011'B		22 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_23x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100100'B		23 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_25x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100110'B		25 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_26x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00100111'B		26 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_27x64(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00101000'B		27 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_28x64(DPC,OPC: BIT_14; SLS: BIT_4; CiCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00101001'B		28 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_29x64(DPC,OPC: BIT_14; SLS: BIT_4; CiCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00101010'B		29 x 64 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_384(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00001000'B		384 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_384_L(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00001000'B		384 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_1536(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00001001'B		1536 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_1536_L(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00001001'B		1536 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_1920(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00001010'B		1920 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_TMR_1920_L(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00001010'B		1920 kbit/s unrestricted
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_pxx_pass_on_a0(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	-		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	s_ParCmp_pass_on_A0(val_PType)		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CCSS	—		/29/ TJS
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINnum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_pxx_pass_on_a1(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	-		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	s_ParCmp_pass_on_A1(val_PType)		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
CCSS	—		/29/ TJS
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINnum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_pxx_transit(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N; val_PType: BIT_8) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	-		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	s_ParCmp_transit(val_PType)		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS
CCSS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	r_s_unknown_par(val_PType)		
EndOP	'00'O		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_PDC(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr PDC ParCmp EndOP	TSO_compute_opt_ptr() s_PDC s_ParCmp_PDC '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CdPN_NatAdrl_07(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CdPN	s_CdPN_NatAdrl_07(val_CdPN)		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CgPN_NatAdrl_05(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN, val_CgPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	s_CgPN_NatAdrl_05(val_CgPN)		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	—		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS
CCSS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINnum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	—		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CgPN_NbPI_010(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN, val_CgPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	s_CgPN_NbPI_010(val_CgPN)		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	—		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS
CCSS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINnum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	—		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CgPN_APRI_11(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN, val_CgPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	s_CgPN_APRI_11(val_CgPN)		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	—		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS
CCSS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	—		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CgPN_Scr1_10(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN, val_CgPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	s_CgPN_Scr1_10(val_CgPN)		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	—		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS
CCSS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINnum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	—		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CgPN_Filler_1(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN, val_CgPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000000'B		speech
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	s_CgPN_Filler_1(val_CgPN)		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	—		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	—		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS
CCSS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINnum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	—		
EndOP	'00'O		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_CgPC_10(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CgPC	s_CgPC_m_10		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_FCI_EEMthI_11(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
FCI	s_FCI_EEMthI_11		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_FCI_EEInfl_1(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
FCI	s_FCI_EEInfl_1		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_FCI_SCCPMI_11(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
FCI	s_FCI_SCCPMI_11		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_NatCon_CntChl_11(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
NatCon	s_NatCon_CntChl_11		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_OFCl_CUGCl_01(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam_L. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
OFCl	s_OFCl_CUGCl_01		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_OriCdNb_NatAdrl_7f(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
OriCdNb	s_OriCdNb_NatAdrl_7F		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_OriCdNb_NbPI_101(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
OriCdNb	s_OriCdNb_NbPI_101		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_OriCdNb_APRI_11(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
OriCdNb	s_OriCdNb_APRI_11		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_OriCdNb_Filler_F(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
OriCdNb	s_OriCdNb_Filler_F		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_RgNb_NatAdrl_07(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RgNb	s_RgNb_NatAdrl_07		
EndOP	'00'O		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_RgNb_ScrI_00(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RgNb	s_RgNb_ScrI_00		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_RgNb_NbPI_101(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RgNb	s_RgNb_NbPI_101		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_RgNb_APRI_11(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RgNb	s_RgNb_APRI_11		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_RgNb_Filler_1(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RgNb	s_RgNb_Filler_1		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_RnInf_Rglc_111(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RnInf	s_RnInf_Rglc_111		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_RnInf_OriRnReas_f(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RnInf	s_RnInf_OriRnReas_F		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_RnInf_RnCnT_7(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RnInf	s_RnInf_RnCnT_7		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_RnInf_RgReas_7(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
RnInf	s_RnInf_RgReas_7		
EndOP	'00'O		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_UUInd(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
UUInd	s_UUInd_request		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_2TMR_2USI(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N) <b>PDU Type</b> : IAM <b>Derivation Path</b> : s_iam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00000110'B		64 kbit/s unrestricted preferred
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN(val_CdPN)		
USI	s_USI		
USIp	s_USIp		
ParCmp	s_ParCmp_TMRp_USIp		
TMRp	s_TMRp		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_64kbps(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N; rate: BIT_5) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		64 kbit/s unrestricted
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000010'B		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	-		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	r_s_USI_64kbps(rate)		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	—		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS
CCSS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINnum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	—		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_64kbps_L(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N; rate: BIT_5) <b>PDU Type</b> : IAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		64 kbit/s unrestricted
<-	r_s_cic(ClCnr)		
MType	'00000001'B		
NatCon	s_NatCon		
FCI	r_s_FCI		
CgPC	s_CgPC_m		
TMR	'00000010'B		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
CdPN	s_CdPN_L(val_CdPN)		
TNtwSel	-		
CRef	-		
CgPN	-		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
ConRq	—		
OriCdNb	—		
UUInf	—		
ATP	—		
USI	r_s_USI_64kbps(rate)		
UUInd	—		
GenNb	—		
PDC	—		
USIp	—		
NtwFac	—		
GenDig	—		
OriISC	—		
UTI	—		
RemOp	—		
ParCmp	—		
GenNot	—		
ServAct	—		
GenRef	—		
MLPPpre	—		
TMRp	—		
LocNb	—		
ForGVNS	—		/29/ TJS
CCSS	—		/29/ TJS

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
NetManCon	—		/29/ TJS
CctAssMap	—		/29/ TJS
CorrID	—		/29/ TJS
CDivTrInd	—		/29/ TJS
CdINum	—		/29/ TJS
COffTrInd	—		/29/ TJS
ConfTrInd	—		/29/ TJS
SCFid	—		/29/ TJS
UIDcapInd	—		/29/ TJS
EchoInf	—		/29/ TJS
HopCnt	—		/29/ TJS
ColCReq	—		/29/ TJS
Unknown	—		
EndOP	'00'O		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_3_1kHz(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00000011'B		3.1 kHz audio
opt_part_ptr	TSO_compute_opt_ptr()		
USI	r_s_USI_3_1kHz		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_iam_3_1kHz_L(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CdPN: HEX_N)			
<b>PDU Type</b> : IAM			
<b>Derivation Path</b> : s_iam_L.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
TMR	'00000011'B		3.1 kHz audio
opt_part_ptr	TSO_compute_opt_ptr()		
USI	r_s_USI_3_1kHz		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel (DPC,OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_s_cic(ClCnr)		
MType	'00001100'B		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
Cause	r_Cause_m		
RnInf	r_RnInf IF_PRESENT		
RnNb	r_RnNb IF_PRESENT		
ATP	r_ATP IF_PRESENT		
SPC	r_SPC IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ACL	r_s_ACL IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
ADInf	r_ADInf IF_PRESENT		
ParCmp	r_ParCmp IF_PRESENT		
RnNbRes	-		
UUInd	r_UUInd IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
DisInf	r_DisInf IF_PRESENT		
Unknown	–		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_c97_mxx(DPC,OPC: BIT_14; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : REL <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_s_cic(ClCnr)		
MType	'00001100'B		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
Cause	r_Cause_m_C97_MXX(val_MType)		
RnInf	-		
RnNb	-		
ATP	-		
SPC	-		
UUInf	-		
ACL	-		
NtwFac	r_NtwFac IF_PRESENT		@
ADInf	r_ADInf IF_PRESENT		
ParCmp	r_ParCmp IF_PRESENT		
RnNbRes	-		
UUInd	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
DisInf	—		/40/ TJS
Unknown	—		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_c99_pxx(DPC,OPC: BIT_14; ClCnr: BIT_12; val_PType: BIT_8) <b>PDU Type</b> : REL <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_s_cic(ClCnr)		
MType	'00001100'B		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
Cause	r_Cause_m_C99_PXX(val_PType )		
RnInf	-		
RnNb	-		
ATP	-		
SPC	-		
UUInf	-		
ACL	-		
NtwFac	r_NtwFac IF_PRESENT		@
ADInf	r_ADInf IF_PRESENT		
ParCmp	r_ParCmp IF_PRESENT		
RnNbRes	-		
UUInd	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
DisInf	—		/40/ TJS
Unknown	—		
EndOP	'00'O IF_PRESENT		
Detailed Comments :			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_c28(DPC,OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : r_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	r_Cause_m_C28		
RnInf	—		
RnNb	—		
ATP	—		
SPC	—		
UUInf	—		
ACL	—		
RnNbRes	—		
UUInd	—		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_c111(DPC,OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : r_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	r_Cause_m_C111		
RnInf	—		
RnNb	—		
ATP	—		
SPC	—		
UUInf	—		
ACL	—		
RnNbRes	—		
UUInd	—		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_c65(DPC,OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : r_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	r_Cause_m_C65		
RnInf	—		
RnNb	—		
ATP	—		
SPC	—		
UUInf	—		
ACL	—		
RnNbRes	—		
UUInd	—		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_Cause_Loc_0111(DPC,OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : r_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	r_Cause_m_Loc_0111		
RnInf	—		
RnNb	—		
ATP	—		
SPC	—		
UUInf	—		
ACL	—		
RnNbRes	—		
UUInd	—		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_Cause_Loc_1010(DPC,OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : r_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	r_Cause_m_Loc_1010		
RnInf	—		
RnNb	—		
ATP	—		
SPC	—		
UUInf	—		
ACL	—		
RnNbRes	—		
UUInd	—		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_c31(DPC,OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : r_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	r_Cause_m_C31		
RnInf	—		
RnNb	—		
ATP	—		
SPC	—		
UUInf	—		
ACL	—		
RnNbRes	—		
UUInd	—		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_Cause_xx(DPC,OPC: BIT_14; ClCnr: BIT_12; CauseV:BIT_7) <b>PDU Type</b> : REL <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_s_cic(ClCnr)		
MType	'00001100'B		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
Cause	r_Cause_m_xx(CauseV)		
RnInf	r_RnInf IF_PRESENT		
RnNb	r_RnNb IF_PRESENT		
ATP	r_ATP IF_PRESENT		
SPC	r_SPC IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
ACL	r_s_ACL IF_PRESENT		
NtwFac	r_NtwFac IF_PRESENT		@
ADInf	r_ADInf IF_PRESENT		
ParCmp	r_ParCmp IF_PRESENT		
RnNbRes	r_RnNbRes IF_PRESENT		
UUInd	r_UUInd IF_PRESENT		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
DisInf	–		/40/ TJS
Unknown	–		
EndOP	'00'O IF_PRESENT		
Detailed Comments :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_ACL(DPC,OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : r_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
ACL	r_s_ACL		
EndOP	'00'O		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_c25(DPC,OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : r_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	r_Cause_m_C25		
RnInf	—		
RnNb	—		
ATP	—		
SPC	—		
UUInf	—		
ACL	—		
RnNbRes	—		
UUInd	—		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rel_c41(DPC,OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : r_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	r_Cause_m_C41		
RnInf	—		
RnNb	—		
ATP	—		
SPC	—		
UUInf	—		
ACL	—		
RnNbRes	—		
UUInd	—		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rel(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00001100'B		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
Cause	s_Cause_m		
RnInf	-		
RnNb	-		
ATP	-		
SPC	-		
UUInf	-		
ACL	-		
NtwFac	-		
ADInf	-		
ParCmp	-		
RnNbRes	-		
UUInd	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
DisInf	—		
Unknown	—		
EndOP	—		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rel_Cause_xx(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_CauseV: BIT_7) <b>PDU Type</b> : REL <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00001100'B		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
Cause	s_Cause_m_xx(val_CauseV)		
RnInf	-		
RnNb	-		
ATP	-		
SPC	-		
UUInf	-		
ACL	-		
NtwFac	-		
ADInf	-		
ParCmp	-		
RnNbRes	-		
UUInd	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
DisInf	—		/40/ TJS
Unknown	—		
EndOP	—		
Detailed Comments :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rel_pxx(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_PType: BIT_8) <b>PDU Type</b> : REL <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	s_Routing_label(DPC,OPC,SLS)		
<-	r_s_cic(ClCnr)		
MType	'00001100'B		
var_part_ptr	'02'O		
opt_part_ptr	TSO_compute_opt_ptr()		
Cause	s_Cause_m		
RnInf	-		
RnNb	-		
ATP	-		
SPC	-		
UUInf	-		
ACL	-		
NtwFac	-		
ADInf	-		
ParCmp	s_ParCmp_discp(val_PType, '1'B, '1'B)		
RnNbRes	-		
UUInd	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
DisInf Unknown EndOP	– r_s_unknown_par(val_PType) '00'O		/40/ TJS
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rel_c25(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : s_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : /53/ TJS			
Field Name	Field Value	Field Encoding	Comments
Cause	s_Cause_m_C25		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_rel_c41(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : s_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
Cause	s_Cause_m_C41		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rel_ACL(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : REL <b>Derivation Path</b> : s_rel. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
opt_part_ptr	TSO_compute_opt_ptr()		
ACL	r_s_ACL		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rel_Cause_CodS_11(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12)			
<b>PDU Type</b> : REL			
<b>Derivation Path</b> : s_rel.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : /53/ TJS			
Field Name	Field Value	Field Encoding	Comments
Cause	s_Cause_m_CodS_11		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rel_Cause_Loc_1000(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12)			
<b>PDU Type</b> : REL			
<b>Derivation Path</b> : s_rel.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : /53/ TJS			
Field Name	Field Value	Field Encoding	Comments
Cause	s_Cause_m_Loc_1000		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rel_Cause_CauseV_10(DPC,OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12)			
<b>PDU Type</b> : REL			
<b>Derivation Path</b> : s_rel.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : /53/ TJS			
Field Name	Field Value	Field Encoding	Comments
Cause	s_Cause_m_CauseV_10		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_rlc (DPC,OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : RLC <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr Cause Unknown EndOP	r_Routing_label(DPC,OPC) r_s_cic(ClCnr) '00010000'B TSO_compute_opt_ptr() r_Cause_o IF_PRESENT - '00'O IF_PRESENT		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rlc (DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : RLC <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr Cause Unknown EndOP	s_Routing_label(DPC,OPC,SLS) r_s_cic(CICnr) '00010000'B '00'O - - -		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rlc_pxx(DPC,OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_PType: BIT_8) <b>PDU Type</b> : RLC <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr Cause Unknown EndOP	s_Routing_label(DPC,OPC,SLS) r_s_cic(CICnr) '00010000'B '01'O - r_s_unknown_par(val_PType) '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_sam(DPC, OPC: BIT_14; CICnr: BIT_12; val_number: HEX_N) <b>PDU Type</b> : SAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr opt_part_ptr SubNb EndOP	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00000010'B '02'O '00'O r_SubNb(val_number) -		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_sam_SubNb_Filler_0(DPC, OPC: BIT_14; ClCnr: BIT_12; val_number: HEX_N)			
<b>PDU Type</b> : SAM			
<b>Derivation Path</b> : r_sam.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
SubNb	r_SubNb_Filler_0(val_number)		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_sam(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_s_sam: HEX_N) <b>PDU Type</b> : SAM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr opt_part_ptr SubNb EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00000010'B '02'O '00'O s_SubNb(val_s_sam) -		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_sam_SubNb_d(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_s_sam: HEX_N) <b>PDU Type</b> : SAM <b>Derivation Path</b> : s_sam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
SubNb	s_SubNb_D(val_s_sam)		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_sam_SubNb_Filler_7(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_s_sam: HEX_N) <b>PDU Type</b> : SAM <b>Derivation Path</b> : s_sam. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
SubNb	s_SubNb_Filler_7(val_s_sam)		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_usr(DPC, OPC:BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : USR <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr opt_part_ptr UUInf ATP EndOP	r_Routing_label(DPC, OPC) r_s_cic(ClCnr) '00101101'B '02'O TSO_compute_opt_ptr() r_UUInf r_ATP IF_PRESENT '00'O IF_PRESENT		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_fot(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : FOT <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr CRef EndOP	r_Routing_label(DPC, OPC) r_s_cic(ClCnr) '00001000'B TSO_compute_opt_ptr() r_CRef IF_PRESENT '00'O IF_PRESENT		@
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_fot(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : FOT <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr CRef EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) '00001000'B '00'O - -		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_res(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : RES <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType SusRes opt_part_ptr CRef EndOP	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00001110'B r_s_SusRes_ntw_init TSO_compute_opt_ptr() r_CRef IF_PRESENT '00'O IF_PRESENT		@
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_res(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : RES <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType SusRes opt_part_ptr CRef EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00001110'B r_s_SusRes_ntw_init '00'O - -		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_sus(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : SUS <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType SusRes opt_part_ptr CRef EndOP	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00001101'B r_s_SusRes_ntw_init TSO_compute_opt_ptr() r_CRef IF_PRESENT '00'O IF_PRESENT		@
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_sus(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : SUS <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType SusRes opt_part_ptr CRef EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) '00001101'B r_s_SusRes_ntw_init '00'O - -		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_blo(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : BLO			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00010011'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_blo_any(DPC, OPC: BIT_14)			
<b>PDU Type</b> : BLO			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	r_Routing_label(DPC, OPC) r_cic_any '00010011'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_blo(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12)			
<b>PDU Type</b> : BLO			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00010011'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_bla(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : BLA			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00010101'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_bla(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12)			
<b>PDU Type</b> : BLA			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00010101'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_ccr(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : CCR			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC, OPC)		
<-	r_s_cic(CICnr)		
MType	'00010001'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_ccr(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12)			
<b>PDU Type</b> : CCR			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00010001'B		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_rsc(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : RSC			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC,OPC)		
<-	r_s_cic(CICnr)		
MType	'00010010'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_rsc(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12)			
<b>PDU Type</b> : RSC			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	s_Routing_label(DPC,OPC,SLS) r_s_cic(ClCnr) '00010010'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_ubl(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : UBL			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00010100'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_ubl(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12)			
<b>PDU Type</b> : UBL			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00010100'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_uba(DPC, OPC: BIT_14; ClCnr: BIT_12)			
<b>PDU Type</b> : UBA			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	r_Routing_label(DPC, OPC) r_s_cic(ClCnr) '00010110'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_uba(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : UBA			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) '00010110'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgb_mo(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGB <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType CICGrp var_part_ptr RngSts	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00011000'B r_s_CICGrp_MO '01'O r_RngSts		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgb_mo_any(DPC, OPC: BIT_14) <b>PDU Type</b> : CGB <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType CICGrp var_part_ptr RngSts	r_Routing_label(DPC, OPC) r_cic_any '00011000'B r_s_CICGrp_MO '01'O r_RngSts_any		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgb_mo(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : CGB <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType ClCGrp var_part_ptr RngSts	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00011000'B r_s_ClCGrp_MO '01'O s_RngSts		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgb_ho(DPC, OPC: BIT_14; CiCnr: BIT_12)			
<b>PDU Type</b> : CGB			
<b>Derivation Path</b> : r_cgb_mo.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgb_ho_any(DPC, OPC: BIT_14) <b>PDU Type</b> : CGB <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType CICGrp var_part_ptr RngSts	r_Routing_label(DPC, OPC) r_cic_any '00011000'B r_s_CICGrp_HO '01'O r_RngSts_any		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgb_ho_1cic(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGB <b>Derivation Path</b> : r_cgb_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
RngSts	r_s_RngSts_1CIC		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgb_ho(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGB <b>Derivation Path</b> : s_cgb_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgb_mo_0cics(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : CGB			
<b>Derivation Path</b> : s_cgb_mo.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	s_RngSts_0CICs		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgb_mo_33cics(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : CGB			
<b>Derivation Path</b> : s_cgb_mo.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	s_RngSts_33CICs		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgb_ho_0cics(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGB <b>Derivation Path</b> : s_cgb_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
RngSts	s_RngSts_0CICs		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgb_ho_33cics(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGB <b>Derivation Path</b> : s_cgb_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
RngSts	s_RngSts_33CICs		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgb_mo_unequipped(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGB <b>Derivation Path</b> : s_cgb_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	s_RngSts_Unequipped_CGB		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgb_ho_unequipped(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGB <b>Derivation Path</b> : s_cgb_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
RngSts	s_RngSts_Unequipped_CGB		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgb_unknown(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGB <b>Derivation Path</b> : s_cgb_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_Unknown		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgb_mo_cicxy(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGB <b>Derivation Path</b> : s_cgb_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	s_RngSts_CICXY		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgba_mo(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType CICGrp var_part_ptr RngSts	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00011010'B r_s_CICGrp_MO '01'O r_RngSts		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgba_mo(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType CICGrp var_part_ptr RngSts	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) '00011010'B r_s_CICGrp_MO '01'O s_RngSts		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgba_ho(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : r_cgba_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgba_ho(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : s_cgba_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgba_mo_unequipped(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : r_cgba_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	r_RngSts_Unequipped_CGB		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgba_ho_unequipped(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : r_cgba_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
RngSts	r_RngSts_Unequipped_CGB		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgba_mo_all_contrl(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : r_cgba_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	r_RngSts_all_contrl		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgba_mo_unequipped(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : s_cgba_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	s_RngSts_Unequipped_CGB		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgba_ho_unequipped(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : s_cgba_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
RngSts	s_RngSts_Unequipped_CGB		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgba_ho_1cic(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : s_cgba_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
RngSts	r_s_RngSts_1CIC		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgba_mo_default(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; len, range: OCT_1; stat: OCT_1_32) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType CICGrp var_part_ptr RngSts	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) '00011000'B r_s_CICGrp_MO '01'O s_RngSts_default(len, range, stat)		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgba_ho_default(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; len, range: OCT_1; stat: OCT_1_32) <b>PDU Type</b> : CGBA <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType ClCGrp var_part_ptr RngSts	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00011000'B r_s_ClCGrp_HO '01'O s_RngSts_default(len, range, stat)		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgba_mo_cicxy(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : CGBA			
<b>Derivation Path</b> : r_cgba_mo.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	r_RngSts_CICXY		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgu_mo(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType CICGrp var_part_ptr RngSts	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00011001'B r_s_CICGrp_MO '01'O r_RngSts		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgu_mo(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : CGU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType ClCGrp var_part_ptr RngSts	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00011001'B r_s_ClCGrp_MO '01'O s_RngSts		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgu_ho(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : CGU <b>Derivation Path</b> : r_cgu_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgu_ho(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : CGU <b>Derivation Path</b> : s_cgu_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgu_mo_part1(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGU <b>Derivation Path</b> : r_cgu_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	r_RngSts_Part1		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgu_ho_part1(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGU <b>Derivation Path</b> : r_cgu_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
RngSts	r_RngSts_Part1		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgu_mo_part2(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGU <b>Derivation Path</b> : r_cgu_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	r_RngSts_Part2		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgu_ho_part2(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGU <b>Derivation Path</b> : r_cgu_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
RngSts	r_RngSts_Part2		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgu_mo_cicxy(DPC, OPC: BIT_14; SLS: BIT_4; CiCnr: BIT_12)			
<b>PDU Type</b> : CGU			
<b>Derivation Path</b> : s_cgu_mo.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	s_RngSts_CICXY		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgua_mo(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGUA <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType CICGrp var_part_ptr RngSts	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00011011'B r_s_CICGrp_MO '01'O r_RngSts		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgua_mo(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGUA <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType CICGrp var_part_ptr RngSts	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) '00011011'B r_s_CICGrp_MO '01'O s_RngSts		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgua_ho(DPC, OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : CGUA			
<b>Derivation Path</b> : r_cgua_mo.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgua_ho(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : CGUA			
<b>Derivation Path</b> : s_cgua_mo.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgua_mo_part2(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGUA <b>Derivation Path</b> : s_cgua_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	s_RngSts_Part2		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_cgua_ho_part2(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : CGUA <b>Derivation Path</b> : s_cgua_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
CICGrp	r_s_CICGrp_HO		
RngSts	s_RngSts_Part2		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgua_mo_cicxy(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGUA <b>Derivation Path</b> : r_cgua_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	r_RngSts_CICXY		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_cgua_mo_all_contrl(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : CGUA <b>Derivation Path</b> : r_cgua_mo. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	r_RngSts_all_contrl		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_grs(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : GRS <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr RngSts	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00010111'B '01'O r_RngSts_grs		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_grs(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : GRS <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType var_part_ptr RngSts	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00010111'B '01'O s_RngSts_grs		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_grs_range0(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : GRS <b>Derivation Path</b> : s_grs. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	s_RngSts_Rng0		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_grs_range33(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : GRS <b>Derivation Path</b> : s_grs. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RngSts	s_RngSts_Rng33		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_upt(DPC, OPC: BIT_14; CICnr: BIT_12) <b>PDU Type</b> : UPT <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	r_Routing_label(DPC, OPC) r_s_cic(CICnr) '00110100'B TSO_compute_opt_ptr() s_MsgCmp '00'O		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_upt(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : UPT <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00110100'B TSO_compute_opt_ptr() s_MsgCmp '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_upa(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : UPA <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	r_Routing_label(DPC, OPC) r_s_cic(ClCnr) '00110101'B TSO_compute_opt_ptr() s_MsgCmp '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_upa(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : UPA <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) '00110101'B TSO_compute_opt_ptr() s_MsgCmp '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_sgm(DPC, OPC: BIT_14; ClCnr: BIT_12) <b>PDU Type</b> : SGM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<-	r_Routing_label(DPC, OPC)		
<-	r_s_cic(ClCnr)		
MType	'00111000'B		
opt_part_ptr	'01'O		
ATP	r_ATP IF_PRESENT		
UUInf	r_UUInf IF_PRESENT		
MsgCmp	r_s_MsgCmp		
GenDig	r_GenDig IF_PRESENT		
GenNot	r_GenNot IF_PRESENT		
GenNb	r_GenNb IF_PRESENT		
EndOP	'00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_sgm(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12) <b>PDU Type</b> : SGM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr ATP UUInf MsgCmp GenDig GenNot GenNb EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) '00111000'B '01'O s_ATP s_UUInf r_s_MsgCmp_SGM - s_GenNot s_GenNb '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx_rel_call(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) val_MType '01'O r_s_MsgCmp_rel_call '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx_rel_call_a0(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) val_MType '01'O r_s_MsgCmp_rel_call_A0 '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx_discard(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_MType: BIT_8; v_A: BIT_1; v_C: BIT_1) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) val_MType '01'O r_s_MsgCmp_discard(v_A, v_C) '00'O		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx_pass_on_a0(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) val_MType '01'O r_s_MsgCmp_pass_on_A0 '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx_pass_on_a1(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) val_MType '01'O r_s_MsgCmp_pass_on_A1 '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx_pass_on_rel_a0(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) val_MType '01'O r_s_MsgCmp_pass_on_rel_A0 '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx_pass_on_rel_a1(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) val_MType '01'O r_s_MsgCmp_pass_on_rel_A1 '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx_pass_on_discard_a0(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) val_MType '01'O r_s_MsgCmp_pass_on_discard_ A0 '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx_pass_on_discard_a1(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) val_MType '01'O r_s_MsgCmp_pass_on_discard_ A1 '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx_transit_intrpr(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) val_MType '01'O r_s_MsgCmp_transit_intrpr '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_mxx_transit_intrpr(DPC, OPC: BIT_14; CICnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	r_Routing_label(DPC, OPC) r_s_cic(CICnr) val_MType '01'O r_s_MsgCmp_transit_intrpr '00'O		
<b>Detailed Comments :</b>			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_mxx_pass_on_a0(DPC, OPC: BIT_14; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	r_Routing_label(DPC, OPC) r_s_cic(ClCnr) val_MType '01'O r_s_MsgCmp_pass_on_A0 '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_mxx_pass_on_a1(DPC, OPC: BIT_14; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	r_Routing_label(DPC, OPC) r_s_cic(ClCnr) val_MType '01'O r_s_MsgCmp_pass_on_A1 '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_mxx(DPC, OPC: BIT_14; SLS: BIT_4; ClCnr: BIT_12; val_MType: BIT_8) <b>PDU Type</b> : MXX <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(ClCnr) val_MType '00'O — —		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_nrm(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : NRM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp ParCmp EchoInf EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) '00110010'B TSO_compute_opt_ptr() r_s_MsgCmp r_ParCmp r_EchoInf '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_nrm(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12) <b>PDU Type</b> : NRM <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
<- <- MType opt_part_ptr MsgCmp ParCmp EchoInf EndOP	s_Routing_label(DPC, OPC, SLS) r_s_cic(CICnr) '00110010'B TSO_compute_opt_ptr() s_MsgCmp s_ParCmp s_EchoInf '00'O		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_nrm_ECI_10(DPC, OPC: BIT_14; SLS: BIT_4; CICnr: BIT_12)			
<b>PDU Type</b> : NRM			
<b>Derivation Path</b> : s_nrm.			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
EchoInf	s_EchoInf_ii_or		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_alert_DSS1(CALL_REF: BIT7OR15) <b>PDU Type</b> : ALERT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32(CALL_REF)		
mt	'00000001'B		
chi	*		
fie	*		
pi	*		
noid	*		
dsp	*		
ronn	—		
uui	*		
<b>Detailed Comments</b> : PDU with "don't care" values			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_alert_DSS1(CALL_REF: BIT7OR15; BCH: BIT7OR8) <b>PDU Type</b> : ALERT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18(CALL_REF)		
mt	'00000001'B		
chi	TSO_ASSIGN_CHI(CHI1b(BCH), CHI5p(BCH),TSP_BASIC)		
fie	—		
pi	—		
noid	—		
dsp	—		
ronn	—		
uui	—		
<b>Detailed Comments</b> : PDU without optional information elements.			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_call_proceeding_DSS1(CALL_REF: BIT7OR15) <b>PDU Type</b> : CALL_PROC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32(CALL_REF)		
mt	'00000010'B		
chi	?		
fie	*		
pi	*		
noid	*		
dsp	*		
<b>Detailed Comments</b> : PDU with "don't care" values			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_connect_DSS1(CALL_REF: BIT7OR15) <b>PDU Type</b> : CONN_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32(CALL_REF)		
mt	'00000111'B		
chi	*		
fie	*		
pi	*		
noid	*		
dsp	*		
dati	*		
codn	*		
cods	*		
ronn	—		
llc	*		
uui	*		
<b>Detailed Comments</b> : PDU with "don't care" values			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_connect_DSS1(FLAG: INTEGER; CALL_REF: BIT7OR15) <b>PDU Type</b> : CONN_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18( CALL_REF)		
mt	'00000111'B		
chi	—		
fie	—		
pi	—		
noid	—		
dsp	—		
dati	—		
codn	—		
cods	—		
ronn	—		
llc	—		
uui	—		
<b>Detailed Comments</b> : &COMMON_N12 PDU without optional information elements.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_connect_ack_DSS1(CALL_REF: BIT7OR15)			
<b>PDU Type</b> : CONN_ACK_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32(CALL_REF)		
mt	'00001111'B		
chi	*		
dsp	*		
<b>Detailed Comments</b> : PDU with "don't care" values.			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_connect_ack_DSS1(CALL_REF: BIT7OR15)			
<b>PDU Type</b> : CONN_ACK_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32(CALL_REF)		
mt	'00001111'B		
chi	—		
dsp	—		
<b>Detailed Comments</b> : PDU with "don't care" values.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_disconnect_DSS1(CALL_REF: BIT7OR15) <b>PDU Type</b> : DISC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU /47/ TJS			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32(CALL_REF)		
mt	'01000101'B		
cau	?		
fie	*		
pi	*		
dsp	*		
uui	*		
<b>Detailed Comments</b> : PDU with "don't care" values.			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_disconnect_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15; CVAL:INTEGER ) <b>PDU Type</b> : DISC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send DISC PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		cause value = CVAL
cr	c_dss1_CR18 (CALL_REF)		
mt	'01000101'B		
cau	c_dss1_CAU(CVAL)		
fie	—		
pi	—		
dsp	—		
uui	—		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_facility_DSS1(FLAG : INTEGER ; CALL_REF: BIT7OR15 )			
<b>PDU Type</b> : FAC_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		Facility i.e with component to be received
cr	c_dss1_CR18(CALL_REF)		
mt	'01100010'B		
fie	?		
dsp	—		
cdpn	—		
cdps	—		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_facility_DSS1(FLAG : INTEGER ; CALL_REF: BIT7OR15 ) <b>PDU Type</b> : FAC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		Facility i.e with component to be sent
cr	c_dss1_CR18(CALL_REF)		
mt	'01100010'B		
fie	—		
dsp	—		
cdpn	—		
cdps	—		
<b>Detailed Comments</b> : PDU without optional parameter used to send one component within one Facility information element;			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_facility_DSS1_old(FLAG : INTEGER ; CALL_REF: BIT7OR15 ; comp:Component ) <b>PDU Type</b> : FAC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		Facility i.e with component to be sent
cr	c_dss1_CR18(CALL_REF)		
mt	'01100010'B		
fie	—		
dsp	—		
cdpn	—		
cdps	—		
<b>Detailed Comments</b> : PDU without optional parameter used to send one component within one Facility information element;			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_information_DSS1(CALL_REF: BIT7OR15) <b>PDU Type</b> : INFO_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		/50/ TJS
cr	c_dss1_CR32(CALL_REF)		
mt	'01111011'B		
sci	?		
cau	?		
dsp	?		
kpf	?		
<b>Detailed Comments</b> : PDU with "don't care" values.			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_information_DSS1(CALL_REF: BIT7OR15) <b>PDU Type</b> : INFO_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		/51/ TJS
cr	c_dss1_CR32(CALL_REF)		
mt	'01111011'B		
sci	—		
cau	—		
dsp	—		
kpf	—		
<b>Detailed Comments</b> : PDU with "don't care" values.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_notify_DSS1(CALL_REF: BIT7OR15;val:OCTETSTRING)			
<b>PDU Type</b> : NOTIFY_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32(CALL_REF)		
mt	'01101110'B		
noid	c_dss1_NOID(val)		
dsp	*		
bcap	?		
<b>Detailed Comments</b> : PDU with "don't care" values.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_progress_DSS1(CALL_REF: BIT7OR15) <b>PDU Type</b> : PROG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32(CALL_REF)		
mt	'00000011'B		
cau	*		
fie	*		
pi	*		
noid	*		
dsp	*		
ronn	—		
uui	*		
<b>Detailed Comments</b> : PDU with "don't care" values			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_release_comp_DSS1(FLAG: INTEGER; CALL_REF: BIT7OR15) <b>PDU Type</b> : REL_COM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18(CALL_REF)		
mt	'01011010'B		
cau	?		
fie	*		
noid	*		
dsp	*		
uui	*		
<b>Detailed Comments</b> : PDU with "don't care" values			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_release_comp_DSS1(FLAG: INTEGER; CALL_REF: BIT7OR15) <b>PDU Type</b> : REL_COM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18(CALL_REF)		
mt	'01011010'B		
cau	—		
fie	—		
noid	—		
dsp	—		
uui	—		
<b>Detailed Comments</b> : PDU with optional information element cau			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_release_DSS1(FLAG: INTEGER; CALL_REF: BIT7OR15) <b>PDU Type</b> : REL_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18(CALL_REF)		
mt	'01001101'B		
cau	*		
fie	*		
noid	*		
dsp	*		
uui	*		
<b>Detailed Comments</b> : PDU with "don't care" values			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_release_DSS1(FLAG: INTEGER; CALL_REF: BIT7OR15; CVAL: INTEGER) <b>PDU Type</b> : REL_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18(CALL_REF)		
mt	'01001101'B		
cau	c_dss1_CAU(CVAL)		
fie	—		
noid	—		
dsp	—		
uui	—		
<b>Detailed Comments</b> : PDU with optional information element cau			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_resume_ack_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15) <b>PDU Type</b> : RESUME_ACK_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : RESUME ACKNOWLEDGEMENT u <- n local			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		protocol discriminator M
cr	c_dss1_CR18 (CALL_REF)		call reference M OCTETSTRING[1..3]
mt	'00101110'B		message type M
chi	*		channel identification C OCTETSTRING[2..5]
dsp	*		display (n ->u) O OCTETSTRING[2..3]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_resume_ack_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15) <b>PDU Type</b> : RESUME_ACK_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : RESUME ACKNOWLEDGEMENT u <- n local			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		protocol discriminator M
cr	c_dss1_CR18 (CALL_REF)		call reference M OCTETSTRING[1..3]
mt	'00101110'B		message type M
chi	—		channel identification C OCTETSTRING[2..5]
dsp	—		display (n ->u) O OCTETSTRING[2..3]
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_resume_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15)			
<b>PDU Type</b> : RESUME_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18 (CALL_REF)		
mt	'00100110'B		
cid	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_resume_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15)			
<b>PDU Type</b> : RESUME_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18 (CALL_REF)		
mt	'00100110'B		
cid	—		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_resume_rej_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15) <b>PDU Type</b> : RESUME_REJ_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : RESUME REJECT u ← n local			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		protocol discriminator M
cr	c_dss1_CR18 (CALL_REF)		call reference M OCTETSTRING[1..3]
mt	'00100010'B		message type M
cau	*		Cause C OCTETSTRING[2..5]
dsp	*		display (n →u) O OCTETSTRING[2..3]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_setup_ack_DSS1(CALL_REF:BIT7OR15) <b>PDU Type</b> : SETUP_ACK_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32 (CALL_REF)		
mt	'00000101'B		
chi	?		
fie	*		
pi	*		
noid	*		
dsp	*		
<b>Detailed Comments</b> : PDU with "don't care" values.			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_setup_ack_DSS1(CALL_REF:BIT7OR15) <b>PDU Type</b> : SETUP_ACK_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32 (CALL_REF)		
mt	'00000101'B		
chi	—		
fie	—		
pi	—		
noid	—		
dsp	—		
<b>Detailed Comments</b> : PDU with "don't care" values.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_setup_DSS1(CALL_REF:BIT7OR15) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32 (CALL_REF)		
mt	'00000101'B		
sci	*		
bcap	?		
chi	?		
fie	*		
pi	*		
nsf	*		
noid	*		
dsp	*		
kpf	*		
cgpn	*		
cgps	*		
cdpn	*		
cdps	*		
rngn	—		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
tns	—		
llc	*		
hlc	*		
uui	*		
<b>Detailed Comments :</b> PDU with "don't care" values.			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_setup_DSS1(FLAG: INTEGER; CALL_REF: BIT7OR15; BCH: BIT7OR8;LIPN:OCTETSTRING;IPN:OCTETSTRING) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU with FLAG for origin, CALL_REF for call reference, BCH for B Channel, LIPN for Length of the IUT party number (including NPI), IPN for the IUT party number (IA5 format)			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18( CALL_REF)		
mt	'00000101'B		
sci	'10100001'B		
bcap	c_dss1_BCAP1		
chi	TSO_ASSIGN_CHI(CHI1b(BCH), CHI5p(BCH),TSV_BASIC)		
fie	—		
pi	—		
nsf	—		
noid	—		
dsp	—		
kpf	—		
cgpn	—		
cgps	—		
cdpn	c_dss1_CDPN1(LIPN,IPN)		
cdps	—		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
rngn	—		
tns	—		
llc	c_dss1_LLC1		
hlc	c_dss1_HLC1		
uui	—		
<b>Detailed Comments :</b> &COMMON_N12 PDU with optional information element SCI and CDPN.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_status_enquiry_DSS1(CALL_REF: BIT7OR15) <b>PDU Type</b> : ST_ENQ_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32(CALL_REF)		
mt	'01110101'B		
dsp	*		
<b>Detailed Comments :</b> PDU with "don't care" values			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_status_DSS1(CALL_REF: BIT7OR15)			
<b>PDU Type</b> : STATUS_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR32(CALL_REF)		
mt	'01111101'B		
cau	*		
cst	*		
dsp	*		
<b>Detailed Comments</b> : PDU with "don't care" values			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_suspend_ack_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15)			
<b>PDU Type</b> : SUSPEND_ACK_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18 (CALL_REF)		
mt	'00101101'B		
dsp	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_suspend_ack_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15)			
<b>PDU Type</b> : SUSPEND_ACK_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18 (CALL_REF)		
mt	'00101101'B		
dsp	—		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : r_suspend_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15)			
<b>PDU Type</b> : SUSPEND_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18 (CALL_REF)		
mt	'00100101'B		
cid	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_suspend_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15)			
<b>PDU Type</b> : SUSPEND_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18 (CALL_REF)		
mt	'00100101'B		
cid	—		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_suspend_rej_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15) <b>PDU Type</b> : SUSPEND_REJ_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SUSPEND REJECT u <- n local			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		protocol discriminator M
cr	c_dss1_CR18 (CALL_REF)		call reference M OCTETSTRING[1..3]
mt	'00101101'B		message type M
cau	*		Cause C OCTETSTRING[2..5]
dsp	*		display (n ->u) O OCTETSTRING[2..3]
<b>Detailed Comments</b> : &COMMON_N10			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_user_info_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15)			
<b>PDU Type</b> : UI_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18 (CALL_REF)		
mt	'00100000'B		
md	*		
uui	c_dss1_UUI1 ( 33, TSC_UUI_32 )		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_user_info_DSS1(FLAG:INTEGER; CALL_REF:BIT7OR15) <b>PDU Type</b> : USER_INFO_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	c_dss1_CR18 (CALL_REF)		
mt	'00100000'B		
md	—		
uui	c_dss1_UUI1 ( 33, TSC_UUI_32 )		
<b>Detailed Comments :</b>			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_tup_iai(DPC,OPC: BIT_14) <b>PDU Type</b> : tup_IAI <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Initial Address Message with additional information			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, ?)		m
HeadingCode	'00100001'B		m
CgPC	tup_CgPC( 16 )		m
MsgInds	tup_MsgInd_iax		m
NumOfAddSigs	?		
AdSg	?		
Filler	*		
FstIndOct	*		m
AAI	*		o
CLI	*		o
ZOO	*		o
<b>Detailed Comments</b> : ZOO field is not always required.			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_tup_iai(DPC,OPC: BIT_14; CICnr: BIT_12; val_CdPN, val_CgPN: HEX_N) <b>PDU Type</b> : tup_IAI <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Initial Address Message with additional information			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, CICnr)		m
HeadingCode	'00100001'B		m
CgPC	tup_CgPC( 16 )		m
MsgInds	tup_MsgInd_iax		m
NumOfAddSigs	INT_TO_BIT( LENGTH_OF(val_CdPN), 4 )		
AdSg	val_CdPN		
Filler	–		
FstIndOct	tup_FIO		m
AAI	'00000100'B		o
CLI	tup_CLI		o
ZOO	tup_ZOO		o
<b>Detailed Comments</b> : ZOO field is not always required.			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_tup_acm(DPC,OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : tup_ACM			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Address Complete MSU			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, CICnr)		
HeadingCode	'00010100'B		
MsgInd	tup_MsgInd_acm		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_tup_acm(DPC,OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : tup_ACM			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Address Complete MSU			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, CICnr)		
HeadingCode	'00010100'B		
MsgInd	tup_MsgInd_acm		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_tup_clf(DPC,OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : tup_CSM			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Call Supervision Messages			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, CICnr)		
HeadingCode	'01000110'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_tup_clf(DPC,OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : tup_CSM			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Call Supervision Messages			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, CICnr)		
HeadingCode	'01000110'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_tup_ans(DPC,OPC: BIT_14; ClCnr: BIT_12)			
<b>PDU Type</b> : tup_CSM			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Call Supervision Messages			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, ClCnr)		m
HeadingCode	'00010110'B		m
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_tup_ans(DPC,OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : tup_CSM			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Call Supervision Messages			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, CICnr)		m
HeadingCode	'00010110'B		m
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_tup_rlg(DPC,OPC: BIT_14; ClCnr: BIT_12)			
<b>PDU Type</b> : tup_CCM			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Circuit Supervision Messages			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, ClCnr)		
HeadingCode	'00010111'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : s_tup_rlg(DPC,OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : tup_CCM			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Circuit Supervision Messages			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, CICnr)		
HeadingCode	'00010111'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : r_tup_rsc(DPC,OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : tup_CCM			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Circuit Supervision Messages			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, CICnr)		m
HeadingCode	'01110111'B		m
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : s_tup_rsc(DPC,OPC: BIT_14; CICnr: BIT_12)			
<b>PDU Type</b> : tup_CCM			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Circuit Supervision Messages			
Field Name	Field Value	Field Encoding	Comments
RoutingLabel	tup_Routing_label(DPC,OPC, CICnr)		m
HeadingCode	'01110111'B		m
<b>Detailed Comments</b> :			

CM Constraint Declaration		
<b>Constraint Name</b> : CM_control_A		
<b>CM Type</b> : CM_CONTROL		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
call_controll	"part a"	
<b>Detailed Comments</b> :		

CM Constraint Declaration		
<b>Constraint Name</b> : CM_control_B		
<b>CM Type</b> : CM_CONTROL		
<b>Derivation Path</b> :		
<b>Comments</b> :		
Parameter Name	Parameter Value	Comments
call_controll	"part b"	
<b>Detailed Comments</b> :		

CM Constraint Declaration		
<b>Constraint Name :</b> CM_go_ahead		
<b>CM Type :</b> CM_GO_AHEAD		
<b>Derivation Path :</b>		
<b>Comments :</b>		
Parameter Name	Parameter Value	Comments
continue_indicator	TRUE	
<b>Detailed Comments :</b>		

# **IV**

## **Dynamic Part**

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_I\_1\_1**

**Group** : CSSV/CS/

<b>Purpose</b>	: To verify that on the receipt of a CIC relating to a circuit which does not exist, the IUT will discard the message and alert the maintenance system.
----------------	---

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Circuit supervision SUBTITLE: Non-allocated circuits REFERENCE: N/A
-----------------	--

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_1			
3		(cic := TSP_CIC_R_UNEQUIPPED)			
4		LAB! S_IAM	IAM_BA(cic)		1.
5		MNT? MNT_IND (cic := TSP_CIC_R)	ALERT_MNT	(P)	3.
6		START T_WAIT			
7		?TIMEOUT T_WAIT			
8		+G_Verdict_Left_PTC			2.
<p><b>Detailed Comments :</b> SPC SPA SPB</p> <p style="text-align: center;">&lt;-----IAM-----&gt;</p> <p>_____1. The IAM shall include a CIC value which is not known by SP A.</p> <p>2. Was there any IAM received at the stimulus side?</p> <p>3. Overwrite the cic value so on test completion the default behavior can complete its actions.</p>					

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_1\_2\_1**

**Group** : CSSV/RC/

**Purpose** : To verify that on receipt of a Reset circuit message the IUT will respond by sending a Release complete message.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Reset of circuits SUBTITLE: RSC received on an idle circuit REFERENCE: 2.9.3.1 b) / Q.764
-----------------	--

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_RSC	RSC_BA(cic)		1.
4		LAB? R_RLC	RLC_AB(cic)	P	

**Detailed Comments :** SPC SPA SPB  
 <-----RSC-----  
 -----RLC----->

1. There is no additional stimulus necessary.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_2_2 <b>Group</b> : CSSV/RC/ <b>Purpose</b> : To verify that the IUT is able to generate a Reset circuit message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Reset of circuits SUBTITLE: RSC sent on an idle circuit REFERENCE: 2.9.3.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		MNT! MNT_REQ	TRIGGER_RSC(cic)		
4		LAB? R_RSC	RSC_AB(cic)		1.
5		LAB! S_RLC	RLC_BA(cic)	P	
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----RSC-----> <-----RLC-----  <hr/> 1. There is no additional stimulus necessary.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_2_3 <b>Group</b> : CSSV/RC/ <b>Purpose</b> : To verify that on receipt of a Reset circuit message while in its locally blocked state, the IUT will respond by sending a Blocking message and a Release complete message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Reset of circuits SUBTITLE: RSC received on a locally blocked circuit REFERENCE: 2.9.3.1 c) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_R)			
3		+Block_circuit_AB(cic)			1.
4		LAB! S_RSC	RSC_BA(cic)		
5		LAB? R_BLO	BLO_AB(cic)		
6		LAB? R_RLC	RLC_AB(cic)	(P)	
7		LAB! S_BLA	BLA_BA(cic)		
8		+Check_circuit_blocked_BA(cic)			
9		+Unblock_circuit_AB(cic)			
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----BLO-----> <-----BLA----- <-----RSC----- -----BLO-----> -----RLC----->					

Continued on next page



*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

&lt;-----BLA-----

---

1. There is no additional stimulus necessary.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_2_4 <b>Group</b> : CSSV/RC/ <b>Purpose</b> : To verify that the IUT is able to react to a Reset circuit message for a remotely blocked circuit. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Reset of circuits SUBTITLE: RSC received on a remotely blocked circuit REFERENCE: 2.9.3.1 d) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_R)			
3		+Block_circuit_BA(cic)			
4		LAB! S_RSC	RSC_BA(cic)		
5		LAB? R_RLC	RLC_AB(cic)	(P)	2.
6		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB  <-----BLO----- -----BLA-----> <-----RSC----- -----RLC----->					
<hr/> 1. The left side is needed in order to check that the circuit is idle. No other signalling should occur on the left side. 2. On receipt of the RLC, the circuit should be idle.					

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_1\_2\_5\_a**

**Group** : CSSV/RC/

<b>Purpose</b>	: To verify that on receipt of one Circuit group reset message the IUT will respond by sending a Circuit group reset acknowledge message.
----------------	---

**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

<b>Comments</b>	: TITLE:     Reset of circuits
	SUBTITLE:   Circuit group reset received
	REFERENCE:   2.9.3.2 / Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_GRS	GRS_BA(cic)		
4		LAB? R_GRA	GRA_AB(cic)	(P)	1.
5		+Check_all_circuits_idle			

Detailed Comments : SPC	SPA	SPB
-------------------------	-----	-----

$\leftarrow$ -----GRS-----  
 -----GRA----- $\rightarrow$

1. On receipt of the GRA, the circuits should be idle.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_S\_1\_2\_5\_b**

**Group** : CSSV/RC/

**Purpose** : To verify that a Circuit group reset message is discarded by the IUT if there are no circuits affected by the message.

**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

<b>Comments</b>	: TITLE:     Reset of circuits SUBTITLE:   Circuit group reset received REFERENCE:   2.9.3.2 / Q.764
-----------------	--

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_GRS	GRS_BA_RANGE0(cic)		1.
4		START T_WAIT			2.
5		?TIMEOUT T_WAIT		P	

**Detailed Comments :** SPC SPA SPB  
 <-----GRS----->

1. All bits in the status field shall be set to "0".
2. A Circuit group reset acknowledge message shall not be received.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_S\_1\_2\_5\_c**

**Group** : CSSV/RC/

<b>Purpose</b>	: To verify that a Circuit group reset message is discarded by the IUT if there are more than 32 circuits affected by the message.
----------------	--

**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

<b>Comments</b>	: TITLE: Reset of circuits SUBTITLE: Circuit group reset received REFERENCE: 2.9.3.2 / Q.764 2.9.3.3 i) / Q.764
-----------------	--

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_GRS	GRS_BA_RANGE33(cic)		1.
4		START T_WAIT			2.
5		?TIMEOUT T_WAIT		P	

**Detailed Comments :** SPC SPA SPB  
 <-----GRS----->

field shall be set to "1".

2. A Circuit group reset acknowledge message shall not be received.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_2_6 <b>Group</b> : CSSV/RC/ <b>Purpose</b> : To verify that the IUT is able to generate a Circuit group reset message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Reset of circuits SUBTITLE: Circuit group reset sent REFERENCE: 2.9.3.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		MNT! MNT_REQ	TRIGGER_GRS		
4		LAB? R_GRS	GRS_AB(cic)	(P)	
5		LAB! S_GRA	GRA_BA(cic)		
6		+Check_all_circuits_idle			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----GRS-----> <-----GRA-----					
<hr/> 1. The left side is needed in order to check that the circuit is idle. No other signalling should occur on the left side.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_2_7 <b>Group</b> : CSSV/RC/ <b>Purpose</b> : To verify that the IUT is able to react to a Circuit group reset message correctly for remotely blocked circuits. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Reset of circuits SUBTITLE: Circuit group reset received on remotely blocked circuits. REFERENCE: 2.9.3.2.d) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Block_all_circuits_BA			
3		LAB! S_GRS	GRS_BA(cic)		
4		LAB? R_GRA	GRA_AB(cic)	(P)	
5		+Check_all_circuits_idle			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----CGB----- -----CGBA-----> <-----GRS----- -----GRA----->					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_3_1_1_a <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that the Circuit group blocking feature (maintenance oriented) can be correctly initiated. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: CGB and CGU received (maintenance oriented) REFERENCE: 2.8.2 / Q.764 2.8.2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGB	CGB_BA_MO(cic)		
4		LAB? R_CGBA	CGBA_AB_MO(cic)	(P)	
5		MNT? MNT_IND	ALERT_MNT		
6		+Check_Circuits_Blocked			1.
7		LAB! S_CGU	CGU_BA_MO(cic)		
8		LAB? R_CGUA	CGUA_AB_MO(cic)	(P)	
9		MNT? MNT_IND	ALERT_MNT		
10		+Check_all_circuits_idle			
		Check_Circuits_Blocked			
11		START T_WAIT			
12		?TIMEOUT T_WAIT			2.
<b>Detailed Comments</b> : SPC SPA SPB <-----CGB-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```

                        -----CGBA----->
-----setup----->
<-----release-----
                        <-----CGU-----
                        -----CGUA----->

```

- 
1. The blocking is checked by having the left side try to setup a call. The IUT is expected to release this call.
  2. No signalling should be observed on link AB as a result of the unsuccessful call setup in 1.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_S\_1\_3\_1\_1\_b**

**Group** : CSSV/BC/CGBU/

<b>Purpose</b>	: To verify that a Circuit group blocking message (maintenance oriented) is discarded by the IUT if there are no circuits affected by the message.
----------------	--

**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

<b>Comments</b>	: TITLE: Circuit group blocking/unblocking SUBTITLE: CGB for 0 circuits received (maintenance oriented) REFERENCE: 2.8.2.2 / Q.764
-----------------	--

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGB	CGB_BA_MO_0CICS(cic)		1.
4		START T_WAIT			
5		?TIMEOUT T_WAIT		P	2.
<b>Detailed Comments :</b> SPC SPA SPB <-----CGB----- <hr/> 1. All bits in the status field shall be set to "0". 2. A Circuit group blocking acknowledge message shall not be received.					

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_S\_1\_3\_1\_1\_c**

Group : CSSV/BC/CGBU/

<b>Purpose</b>	: To verify that a Circuit group blocking message (maintenance oriented) is discarded by the IUT if there are more than 32 circuits affected by the message.
----------------	--

**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

<b>Comments</b>	: TITLE: Circuit group blocking/unblocking SUBTITLE: CGB for more than 32 circuits received (maintenance oriented) REFERENCE: 2.8.2.3 ix) / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGB	CGB_BA_MO_33CICS(cic		1.
4		START T_WAIT	)		
5		?TIMEOUT T_WAIT		P	2.

**Detailed Comments :** SPC SPA SPB  
 <-----CGB----->

1. 33 bits of the Status field shall be set to "1".
2. A Circuit group blocking acknowledge message shall not be received.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_3_1_1_d <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that the Circuit group blocking feature (hardware failure oriented) can be correctly initiated. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: CGB and CGU received (hardware failure oriented) REFERENCE: 2.8.2 / Q.764 2.8.2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGB	CGB_BA_HO(cic)		
4		LAB? R_CGBA	CGBA_AB_HO(cic)	(P)	
5		MNT? MNT_IND	ALERT_MNT		
6		+Check_Circuits_Blocked			
7		LAB! S_CGU	CGU_BA_HO(cic)		
8		LAB? R_CGUA	CGUA_AB_HO(cic)	(P)	
9		MNT? MNT_IND	ALERT_MNT		
10		+Check_all_circuits_idle			1.
		Check_Circuits_Blocked			
11		START T_WAIT			
12		?TIMEOUT T_WAIT			2.
<b>Detailed Comments</b> : SPC SPA SPB <-----CGB-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```
          -----CGBA----->
-----setup----->
<-----release-----
          <-----CGU-----
          -----CGUA----->
```

- 
1. The blocking is checked by having the left side try to setup a call. The IUT is expected to release this call.
  2. No signalling should be observed on link AB as a result of the unsuccessful call setup in 1.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_S\_1\_3\_1\_1\_e**

Group : CSSV/BC/CGBU/

<b>Purpose</b>	: To verify that a Circuit group blocking message (hardware failure oriented) is discarded by the IUT if there are no circuits affected by the message.
----------------	---

**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

<b>Comments</b>	: TITLE: Circuit group blocking/unblocking SUBTITLE: CGB for 0 circuits received (hardware failure oriented) REFERENCE: 2.8.2.2 / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGB	CGB_BA_HO_0CICS(cic)		1.
4		START T_WAIT			
5		?TIMEOUT T_WAIT		P	2.

**Detailed Comments :** SPC SPA SPB  
 <-----CGB----->

1. All bits in the status field shall be set to "0".
2. A Circuit group blocking acknowledge message shall not be received.

## Test Case Dynamic Behaviour

**Test Case Name** : IBC\_S\_1\_3\_1\_1\_f

Group : CSSV/BC/CGBU/

<b>Purpose</b>	: To verify that a Circuit group blocking message (hardware failure oriented) is discarded by the IUT if there are more than 32 circuits affected by the message.
----------------	---

**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

<b>Comments</b>	: TITLE: Circuit group blocking/unblocking SUBTITLE: CGB for more than 32 circuits received (hardware failure oriented) REFERENCE: 2.8.2.3 ix) / Q.764
-----------------	--

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGB	CGB_BA_HO_33CICS(cic		1.
4		START T_WAIT	)		
5		?TIMEOUT T_WAIT		P	2.

**Detailed Comments :** SPC SPA SPB  
 <-----CGB----->

1. 33 bits of the Status field shall be set to "1".
2. A Circuit group blocking acknowledge message shall not be received.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_3_1_2_a <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that the IUT is able to generate a Circuit group blocking message and a Circuit group unblocking message (both maintenance oriented). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: CGB and CGU sent REFERENCE: 2.8.2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		MNT! MNT_REQ	TRIGGER_CGB_MO		
4		LAB? R_CGB (TCV_RngStat_Rng:=R_CGB.isup_pdu.RngSts.Range,TCV_RngStat_Stat:=R_CGB.isup_pdu.RngSts.Status)	CGB_AB_MO(cic)	(P)	
5		LAB! S_CGBA (S_CGBA.isup_pdu.RngSts.Range:=TCV_RngStat_Rng,S_CGBA.isup_pdu.RngSts.Status:=TCV_RngStat_Stat)	CGBA_BA_MO(cic)		
6		+Check_all_circuits_blocked_BA			
7		MNT! MNT_REQ	TRIGGER_CGU_MO		
8		LAB? R_CGU (TCV_RngStat_Rng:=R_CGU.isup_pdu.RngSts.Range,TCV_RngStat_Stat:=R_CGU.isup_pdu.RngSts.Status)	CGU_AB_MO(cic)	(P)	
9		LAB! S_CGUA (S_CGUA.isup_pdu.RngSts.Range:=TCV_RngStat_Rng,S_CGUA.isup_pdu.RngSts.Status:=TCV_RngStat_Stat)	CGUA_BA_MO(cic)		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
10		+Check_all_circuits_idle			
<b>Detailed Comments :</b> SPC                      SPA                      SPB -----CGB-----> <-----CGBA----- -----CGU-----> <-----CGUA----- _____					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_3_1_2_b <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that the IUT is able to generate a Circuit group blocking message and a Circuit group unblocking message (both hardware failure oriented). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: CGB and CGU sent REFERENCE: 2.8.2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		MNT! MNT_REQ	TRIGGER_CGB_HO		
4		LAB? R_CGB	CGB_AB_HO(cic)	(P)	
5		LAB! S_CGBA	CGBA_BA_HO(cic)		
6		+Check_all_circuits_blocked_BA_HO			
7		MNT! MNT_REQ	TRIGGER_CGU_HO		
8		LAB? R_CGU	CGU_AB_HO(cic)	(P)	
9		LAB! S_CGUA	CGUA_BA_HO(cic)		
10		+Check_all_circuits_idle			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----CGB-----> <-----CGBA----- -----CGU-----> <-----CGUA-----  					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_3_1_3 <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that a circuit which is blocked by a maintenance oriented Circuit group blocking message can be unblocked by a Unblocking message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: Blocking with CBG (maintenance oriented); unblocking with UBL REFERENCE: 2.8.2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGB	CGB_BA_MO(cic)		
4		LAB? R_CGBA	CGBA_AB_MO(cic)		
5		MNT? MNT_IND	ALERT_MNT		
6		+Check_all_circuits_blocked_AB			
7		(cic:=TSP_GrpCIC)			
8		LAB! S_UBL	UBL_BA(cic)		
9		LAB? R_UBA	UBA_AB(cic)	(P)	
10		MNT? MNT_IND	ALERT_MNT		
11		(cic:=TSO_Next_CIC(cic))			
12		LAB! S_UBL	UBL_BA(cic)		
13		LAB? R_UBA	UBA_AB(cic)	(P)	
14		MNT? MNT_IND	ALERT_MNT		
15		+Check_all_circuits_idle			

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Test Case Dynamic Behaviour		
Detailed Comments : SPC	SPA	SPB
	<-----CGB-----	CIC=x,y
	-----CGBA----->	
	<-----UBL-----	CIC=x
	-----UBA----->	
	<-----UBL-----	CIC=y
	-----UBA----->	

---

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_1_4 <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that a hardware failure oriented blocking state cannot be removed by an Unblocking message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking SUBTITLE: UBL after CGB (hardware failure oriented) REFERENCE: 2.8.2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Block_all_circuits_BA_HO			
3		(cic:=TSP_GrpCIC)			1.
4		LAB! S_UBL	UBL_BA(cic)		
5		LAB? R_UBA	UBA_AB(cic)	(P)	1.
6		+S_1_3_1			
7		+Check_all_circuits_blocked_AB			
8		+Unblock_all_circuits_BA_HO			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----CGB----- -----CGBA-----> <-----UBL----- -----UBA-----> <-----CGU----- -----CGUA----->					
<hr/> 1. A Unblocking Acknowledge message shall be sent even if the circuit is not blocked.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_1_5_a <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that a Circuit group blocking acknowledgement message is returned if a Circuit group blocking message is received by the IUT for remotely blocked circuits (all maintenance oriented). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: CGB sent for remotely blocked circuits (maintenance oriented) REFERENCE: 2.8.2.3 i) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Block_all_circuits_BA			
3		(cic:=TSP_GrpCIC)			1.
4		LAB! S_CGB	CGB_BA_MO(cic)		
5		LAB? R_CGBA	CGBA_AB_MO(cic)	(P)	
6		+S_1_3_1			1.
7		+Check_all_circuits_blocked_AB			
8		+Unblock_all_circuits_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB  <-----CGB----- -----CGBA-----> <-----CGB----- -----CGBA-----> <-----CGU----- -----CGUA----->					
<hr/> 1. The stimulus side must be started at this point because no messages shall be sent before this time.					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_I\_1\_3\_1\_5\_b

**Group** : CSSV/BC/CGBU/

**Purpose** : To verify that a Circuit group blocking acknowledgement message is returned if a Circuit group blocking message is received by the IUT for remotely blocked circuits (all hardware failure oriented).

**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

**Comments** : TITLE: Circuit group blocking/unblocking  
 SUBTITLE: CGB sent for remotely blocked circuits (hardware failure oriented)  
 REFERENCE: 2.8.2.3 i) / Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Block_all_circuits_BA_HO			
3		(cic:=TSP_GrpCIC)			1.
4		LAB! S_CGB	CGB_BA_HO(cic)		
5		LAB? R_CGBA	CGBA_AB_HO(cic)	(P)	
6		+S_1_3_1			1.
7		+Check_all_circuits_blocked_AB			
8		+Unblock_all_circuits_BA_HO			

**Detailed Comments** : SPC

SPA

SPB

```

<-----CGB-----
-----CGBA----->
<-----CGB-----
-----CGBA----->
<-----CGU-----
-----CGUA----->

```

\_\_\_\_\_1. The stimulus side  
 must be started at this point because no messages shall be sent before this time.

## Test Case Dynamic Behaviour

**Test Case Name** : IBC\_I\_1\_3\_1\_6\_a

Group : CSSV/BC/CGBU/

<b>Purpose</b>	: To verify that a Circuit group unblocking acknowledge message is returned if a Circuit group unblocking message is received by the IUT for unblocked circuits (all maintenance oriented).
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**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

<b>Comments</b>	: TITLE: Circuit group blocking/unblocking SUBTITLE: CGU sent for unblocked circuits (maintenance oriented) REFERENCE: 2.8.2.3 ii) / Q.764
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Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGU	CGU_BA_MO(cic)		
4		LAB? R_CGUA	CGUA_AB_MO(cic)	(P)	
5		+Check_all_circuits_idle			

**Detailed Comments :** SPC SPA SPB  
 <-----CGU-----  
 -----CGUA----->



## Test Case Dynamic Behaviour

**Test Case Name : IBC\_I\_1\_3\_1\_6\_b**

Group : CSSV/BC/CGBU/

<b>Purpose</b>	: To verify that a Circuit group unblocking acknowledge message is returned if a Circuit group unblocking message is received by the IUT for unblocked circuits (all hardware failure oriented).
----------------	--

**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

<b>Comments</b>	: TITLE: Circuit group blocking/unblocking SUBTITLE: CGU sent for unblocked circuits (hardware failure oriented) REFERENCE: 2.8.2.3 ii) / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGU	CGU_BA_HO(cic)		
4		LAB? R_CGUA	CGUA_AB_HO(cic)	(P)	
5		+Check_all_circuits_idle			

**Detailed Comments :** SPC SPA SPB  
 <-----CGU-----  
 -----CGUA----->

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_1_7_a <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that the IUT will return a Circuit group blocking acknowledge message with no indication for unequipped circuits if the corresponding Circuit group blocking message contains unequipped circuits (all maintenance oriented). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: Circuit group blocking for unequipped circuits REFERENCE: 2.8.2.3 iii) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Block_all_circuits_BA			
3		(cic:=TSP_CIC_R_UNEQUIPPED)			
4		LAB! S_CGB	CGB_BA_MO_UNEQUIPPED(cic)		1.
5		LAB? R_CGBA	CGBA_AB_MO_UNEQUIPPED(cic)	(P)	
6		MNT? MNT_IND	ALERT_MNT		
7		+S_1_3_1			2.
8		+Check_all_circuits_blocked_AB			
9		LAB! S_CGU	CGU_BA_MO(cic)		
10		LAB? R_CGUA	CGUA_AB_MO(cic)		
11		MNT? MNT_IND	ALERT_MNT	(P)	
12		+Unblock_all_circuits_BA			

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Test Case Dynamic Behaviour		
<b>Detailed Comments :</b>	SPC	SPA                      SPB
		<-----CGB-----
		-----CGBA----->
		<-----CGU-----
		-----CGUA----->
<hr/>		
1. The stimulus side must be started at this point because no messages shall be sent before this time.		
2. Check if all circuits are blocked.		

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_1_7_b <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that the IUT will return a Circuit group blocking acknowledge message with no indication for unequipped circuits if the corresponding Circuit group blocking message contains unequipped circuits (all hardware failure oriented). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: Circuit group blocking for unequipped circuits REFERENCE: 2.8.2.3 iii) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Block_all_circuits_BA_HO			
3		(cic:=TSP_CIC_R_UNEQUIPPED)			
4		LAB! S_CGB	CGB_BA_HO_UNEQUIPPED(cic)		
5		LAB? R_CGBA	CGBA_AB_HO_UNEQUIPPED(cic)	(P)	
6		MNT? MNT_IND	ALERT_MNT		
7		+S_1_3_1			1.
8		+Check_all_circuits_blocked_AB			
9		LAB! S_CGU	CGU_BA_HO(cic)		
10		LAB? R_CGUA	CGUA_AB_HO(cic)		
11		MNT? MNT_IND	ALERT_MNT	(P)	
12		+Unblock_all_circuits_BA_HO			

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Test Case Dynamic Behaviour		
<b>Detailed Comments :</b>	SPC	SPA                      SPB
		<-----CGB-----
		-----CGBA----->
		<-----CGU-----
		-----CGUA----->
<hr/> 1. The stimulus side must be started at this point because no messages shall be sent before this time.		

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_1_8_a <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that on receipt of a Circuit group unblocking acknowledge message which states unblocking of circuits which shall stay in locally blocked state, these circuits stay in locally blocked state and that the maintenance system is alerted (all maintenance oriented). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: Wrong CGUA received REFERENCE: 2.8.2.3 vi) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Block_all_circuits_AB			
3		MNT! MNT_REQ	TRIGGER_CGU_MO_PART1		1.
4		LAB? R_CGU	CGU_AB_MO_PART1(cic)		
5		LAB! S_CGUA	CGUA_BA_MO(cic)		2.
6		MNT? MNT_IND	ALERT_MNT	(P)	
7		+Check_part1_circuits_idle			
8		+Check_part2_circuits_blocked_BA			3.
9		(cic:=TSP_GrpCIC2)			
10		MNT! MNT_REQ	TRIGGER_CGU_MO_PART2		4.
11		LAB? R_CGU	CGU_AB_MO_PART2(cic)		
12		LAB! S_CGUA	CGUA_BA_MO_PART2(cic)		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		+Check_part2_circuits_idle			
<p><b>Detailed Comments :</b>    SPC                      SPA                      SPB</p> <p>   -----CGB-----&gt;</p> <p>   &lt;-----CGBA-----</p> <p>   -----CGU-----&gt;</p> <p>   &lt;-----CGUA-----</p> <p>   -----CGU-----&gt;</p> <p>   &lt;-----CGUA-----</p> <hr/> <p>1. Only one part of the blocked circuits shall be unblocked.  2. Acknowledgement for unblocking all circuits of the trunk is sent.  3. The circuit which were not unblocked by the IUT shall stay blocked.  4. All circuits which are still blocked shall be unblocked.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_1_8_b <b>Group</b> : CSSV/BC/CGBU/ <b>Purpose</b> : To verify that on receipt of a Circuit group unblocking acknowledge message which states unblocking of circuits which shall stay in locally blocked state this circuits stay in locally blocked state and that the maintenance system is alerted (all hardware failure oriented). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: Wrong CGUA received REFERENCE: 2.8.2.3 vi) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		MNT! MNT_REQ	TRIGGER_CGB_HO		
4		LAB? R_CGB	CGB_AB_HO(cic)		
5		LAB! S_CGBA	CGBA_BA_HO(cic)		
6		MNT! MNT_REQ	TRIGGER_CGU_HO_PART 1		1.
7		LAB? R_CGU	CGU_AB_HO_PART1(cic)		
8		LAB! S_CGUA	CGUA_BA_HO(cic)		
9		MNT? MNT_IND	ALERT_MNT	(P)	
10		+Check_part1_circuits_idle			
11		+Check_part2_circuits_blocked_BA_HO			
12		(cic:=TSP_GrpCIC2)			
13		MNT! MNT_REQ	TRIGGER_CGU_HO_PART 2		2.

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		LAB? R_CGU	CGU_AB_HO_PART2(cic)		
15		LAB! S_CGUA	CGUA_BA_HO_PART2(cic)		
16		+Check_part2_circuits_idle			
<p><b>Detailed Comments :</b> SPC SPA SPB</p> <pre>           -----CGB-----&gt;           &lt;-----CGBA-----           -----CGU-----&gt;           &lt;-----CGUA-----           -----CGU-----&gt;           &lt;-----CGUA----- </pre> <hr/> <p>1. Only one part of the blocked circuits shall be unblocked.  2. All circuits which are still blocked shall be unblocked.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_1_9_a					
<b>Group</b> : CSSV/BC/CGBU/					
<b>Purpose</b> : To verify that a unexpected Circuit group blocking acknowledge message (maintenance oriented) will be discarded by the IUT without blocking the affected circuits.					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpectedGroup					
<b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: Unexpected CGBA REFERENCE: 2.8.2.3 vii) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	CGBA_BA_MO(cic) ALERT_MNT	(P)	
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGBA			
4		MNT? MNT_IND			
5		+Check_all_circuits_idle			
<b>Detailed Comments</b> : SPC SPA SPB 					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_1_9_b					
<b>Group</b> : CSSV/BC/CGBU/					
<b>Purpose</b> : To verify that a unexpected Circuit group blocking acknowledge message (hardware failure oriented) will be discarded by the IUT without blocking the affected circuits.					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpectedGroup					
<b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: Unexpected CGBA REFERENCE: 2.8.2.3 vii) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	CGBA_BA_HO(cic) ALERT_MNT		
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGBA			
4		MNT? MNT_IND			
5		+Check_all_circuits_idle			
<b>Detailed Comments</b> : SPC SPA SPB 					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_1_10_a					
<b>Group</b> : CSSV/BC/CGBU/					
<b>Purpose</b> : To verify that an unexpected Circuit group unblocking acknowledge message (maintenance oriented) will be discarded by the IUT without unblocking the affected circuits.					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpectedGroup					
<b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: Unexpected CGUA REFERENCE: 2.8.2.3 vii) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	CGUA_BA_MO(cic) ALERT_MNT		
2		+Block_all_circuits_AB			
3		(cic:=TSP_GrpCIC)			
4		LAB! S_CGUA			
5		MNT? MNT_IND			
6		+Check_all_circuits_blocked_BA			
7		+Unblock_all_circuits_AB			
8		+Check_all_circuits_idle			
<b>Detailed Comments</b> : SPC SPA SPB -----CGB-----> <-----CGBA----- <-----CGUA----- -----CGU-----> <-----CGUA-----					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_1_10_b					
<b>Group</b> : CSSV/BC/CGBU/					
<b>Purpose</b> : To verify that an unexpected Circuit group unblocking acknowledge message (hardware failure oriented) will be discarded by the IUT without unblocking the affected circuits.					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpectedGroup					
<b>Comments</b> : TITLE: Circuit group blocking/unblocking SUBTITLE: Unexpected CGUA REFERENCE: 2.8.2.3 vii) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	CGUA_BA_HO(cic) ALERT_MNT		
2		+Block_all_circuits_AB_HO			
3		(cic:=TSP_GrpCIC)			
4		LAB! S_CGUA			
5		MNT? MNT_IND			
6		+Check_all_circuits_blocked_AB			
7		+Unblock_all_circuits_AB_HO			
8		+Check_all_circuits_idle			
<b>Detailed Comments</b> : SPC SPA SPB -----CGB-----> <-----CGBA----- <-----CGUA----- -----CGU-----> <-----CGUA-----					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_3_2_1					
<b>Group</b> : CSSV/BC/CBU/					
<b>Purpose</b> : To verify that the blocking/unblocking procedure can be correctly initiated.					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpectedGroup					
<b>Comments</b> : TITLE: Circuit blocking/unblocking					
SUBTITLE: BLO received					
REFERENCE: 2.8.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+Block_all_circuits_BA			
3		(cic:=TSP_GrpCIC)			
4		+Unblock_circuit_BA(cic)			
5		LAB! S_BLO	BLO_BA(cic)		
6		LAB? R_BLA	BLA_AB(cic)	(P)	
7		+Check_all_circuits_blocked_AB			
8		LAB! S_UBL	UBL_BA(cic)		
9		LAB? R_UBA	UBA_AB(cic)	(P)	
10		+Check_circuit_idle(cic)			
11		+Unblock_all_circuits_BA			
<b>Detailed Comments</b> : SPC SPA SPB					
<-----BLO-----					
-----BLA----->					
<-----UBL-----					
-----UBA----->					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_3_2_2					
<b>Group</b> : CSSV/BC/CBU/					
<b>Purpose</b> : To verify that the IUT is able to generate Blocking messages.					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: Circuit blocking/unblocking SUBTITLE: BLO sent REFERENCE: 2.8.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		(cic:=TSP_GrpCIC)			
3		MNT! MNT_REQ	TRIGGER_BLO(cic)		
4		LAB? R_BLO	BLO_AB(cic)	(P)	
5		LAB! S_BLA	BLA_BA(cic)		
6		+Check_circuit_blocked_BA(cic)			
7		MNT! MNT_REQ	TRIGGER_UBL(cic)		
8		LAB? R_UBL	UBL_AB(cic)	(P)	
9		LAB! S_UBA	UBA_BA(cic)		
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB -----BLO-----> <-----BLA----- -----UBL-----> <-----UBA-----					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_3_2_3 <b>Group</b> : CSSV/BC/CBU/ <b>Purpose</b> : To verify that the blocking/unblocking procedure can be correctly initiated. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit blocking/unblocking SUBTITLE: Blocking from both ends; removal of blocking from one end REFERENCE: 2.8.2 / Q.764 2.8.2.3 x) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+Block_all_circuits_BA			
3		(cic:=TSP_GrpCIC)			
4		+Unblock_circuit_BA(cic)			
5		MNT! MNT_REQ	TRIGGER_BLO(cic)		
6		LAB? R_BLO	BLO_AB(cic)	(P)	
7		LAB! S_BLA	BLA_BA(cic)		
8		LAB! S_BLO	BLO_BA(cic)		
9		LAB? R_BLA	BLA_AB(cic)	(P)	
10		MNT? MNT_IND	ALERT_MNT		
11		+Continue			
		Continue			
12		MNT! MNT_REQ	TRIGGER_UBL(cic)		
13		LAB? R_UBL	UBL_AB(cic)	(P)	
14		LAB! S_UBA	UBA_BA(cic)		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
15		LAB! S_UBL	UBL_BA(cic)	(P)	
16		LAB? R_UBA	UBA_AB(cic)		
17		+Check_circuit_idle(cic)			
18		+Unblock_all_circuits_BA			
<div>Detailed Comments : SPC<div>SPA<div>SPB</div><div>-----BLO-----&gt;</div><div>&lt;-----BLA-----</div><div>&lt;-----BLO-----</div><div>-----BLA-----&gt;</div><div>-----UBL-----&gt;</div><div>&lt;-----UBA-----</div><div>&lt;-----UBL-----</div><div>-----UBA-----&gt;</div></div></div>					

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_1\_3\_2\_4**

**Group** : CSSV/BC/CBU/

**Purpose** : To verify that a received IAM will unblock a remotely blocked circuit.

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Circuit blocking/unblocking SUBTITLE: IAM received on a remotely blocked circuit REFERENCE: 2.8.2.3 xiv) / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_BLO	BLO_BA(cic)		
4		LAB? R_BLA	BLA_AB(cic)		
5		MNT? MNT_IND	ALERT_MNT		
6		+S_1_3_2_4			1.
7		LAB! S_IAM	IAM_BA(cic)		
8		LAB? R_ACM	ACM_AB(cic)	(P)	
9		+Check_ringing_tone_AB			
10		LAB? R_ANM	ANM_AB(cic)		
11		+Check_communication			
12		+G_Release_call			
13		+Check_circuit_idle(cic)			
<b>Detailed Comments :</b> SPC SPA SPB <div style="text-align: center;"> &lt;-----BLO-----&gt;  -----BLA-----&gt; </div>					

*Continued on next page*

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```
<-----setup----- <-----IAM-----  
----alerting-----> -----ACM----->  
.....Ringing Tone .....  
----connect-----> -----ANM----->  
.....communication.....  
<-----release----- -----REL----->  
                        <-----RLC-----
```

---

1. The stimulus side must be started at this point because no messages shall be sent before this time.  
+Check\_all\_circuits\_blocked\_AB could be used here to see whether all circuits are blocked

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_3_2_5 <b>Group</b> : CSSV/BC/CBU/ <b>Purpose</b> : To verify that a circuit which is blocked by a maintenance oriented circuit group blocking message can successfully be unblocked by an unblocking message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit blocking/unblocking SUBTITLE: Blocking with CGB, unblocking with UBL REFERENCE: 2.8.2 / Q.764 2.8.2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_CGB	CGB_BA_MO_XY		
4		LAB? R_CGBA	CGBA_AB_MO_XY		
5		MNT? MNT_IND	ALERT_MNT		
6		LAB! S_UBL	UBL_BA_CICX		
7		LAB? R_UBA	UBA_AB_CICX		
8		MNT? MNT_IND	ALERT_MNT		
9		(TCV_cic:=BIT_TO_INT(cic))			Change cic value to cic y
10		(TCV_cic :=TCV_cic+1)			
11		(cic1:=INT_TO_BIT(TCV_cic,12))			cic1 = TSP_GrpCIC+1 = y
12		LAB! S_UBL	UBL_BA_CICY		
13		LAB? R_UBA	UBA_AB_CICY	(P)	

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		MNT? MNT_IND	ALERT_MNT		
15		+Check_circuit_idle(TSP_GrpCIC)			
16		+Check_circuit_idle(cic1)			
<b>Detailed Comments :</b> SPC                  SPA                  SPB <-----GCB----->      CIC=x,y -----CGBA-----> <-----UBL----->      CIC=x -----UBA-----> <-----UBL----->      CIC=y -----UBA----->					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_3_2_6 <b>Group</b> : CSSV/BC/CBU/ <b>Purpose</b> : To verify that a circuit which is blocked by a Blocking message can successfully be unblocked by a maintenance oriented Circuit group unblocking message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Circuit blocking/unblocking SUBTITLE: Blocking with BLO, unblocking with CGU REFERENCE: 2.8.2 / Q.764 2.8.2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_GrpCIC)			
3		LAB! S_BLO	BLO_BA_CICX		
4		LAB? R_BLA	BLA_AB_CICX		
5		MNT? MNT_IND	ALERT_MNT		
6		(TCV_cic:=BIT_TO_INT(cic))			change cic value to cic y
7		(TCV_cic :=TCV_cic+1)			
8		(cic1:=INT_TO_BIT(TCV_cic,12))			cic1 = TSP_GrpCIC+1 = y
9		LAB! S_BLO	BLO_BA_CICY		
10		LAB? R_BLA	BLA_AB_CICY		
11		MNT? MNT_IND	ALERT_MNT		
12		LAB! S_CGU	CGU_BA_MO_XY		
13		LAB? R_CGUA	CGUA_AB_MO_XY	(P)	

Continued on next page

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		MNT? MNT_IND	ALERT_MNT		
15		+Check_circuit_idle(TSP_GrpCIC)			
16		+Check_circuit_idle(cic1)			
<b>Detailed Comments :</b> SPC                  SPA                  SPB <-----BLO----->      CIC=x -----BLA-----> <-----BLO----->      CIC=y -----BLA-----> <-----CGU----->      CIC=x,y -----CGUA----->					

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_I\_1\_3\_2\_7**

**Group** : CSSV/BC/CBU/

<b>Purpose</b>	: To verify that the IUT will return an Unblocking acknowledge message if for an unblocked circuit an Unblocking message is received.
----------------	---

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Circuit blocking/unblocking SUBTITLE: Unblocking message for unblocked circuit REFERENCE: 2.8.2.3 xi) / Q.764
-----------------	--

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_R)			
3		LAB! S_UBL	UBL_BA(cic)		
4		LAB? R_UBA	UBA_AB(cic)	(P)	
5		+Check_circuit_idle(cic)			

**Detailed Comments :** SPC

SPA SPA

<-----UBL----->

-----UBA----->



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_2_8 <b>Group</b> : CSSV/BC/CBU/ <b>Purpose</b> : To verify that if an unexpected Blocking acknowledge message is received for an unblocked circuit the circuit remains unblocked and that the maintenance system is alerted. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Circuit blocking/unblocking SUBTITLE: Unexpected BLA for an unblocked circuit REFERENCE: 2.8.2.3 xii) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_R)			
3		LAB! S_BLA	BLA_BA(cic)		
4		MNT? MNT_IND	ALERT_MNT	(P)	
5		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB <-----BLA----- <hr/>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_3_2_9					
<b>Group</b> : CSSV/BC/CBU/					
<b>Purpose</b> : To verify that after receiving an unexpected Unblocking acknowledge message for a blocked circuit the IUT will alert the maintenance system and that the circuit remains blocked.					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: Circuit blocking/unblocking SUBTITLE: Unexpected UBA for blocked circuit REFERENCE: 2.8.2.3 xiii) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_R)			
3		+Block_circuit_AB(cic)			
4		LAB! S_UBA	UBA_BA(cic)		
5		MNT? MNT_IND	ALERT_MNT	(P)	
6		+Check_circuit_blocked_BA(cic)			
7		+Unblock_circuit_AB(cic)			
8		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB -----BLO-----> <-----BLA----- <-----UBA----- -----UBL-----> <-----UBA-----					

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_1\_4\_1**

**Group** : CSSV/CCP/

**Purpose** : To verify that the continuity check procedure for the proper alignment of circuits can be correctly performed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Continuity check procedure SUBTITLE: CCR received: successful REFERENCE: 2.1.8 / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	CCR_BA(cic)		
2		(cic := TSP_CIC_R)			
3		LAB! S_CCR			
4		+Check_COT_tone			
5		+G_Release_call			
6		+Check_circuit_idle(cic)			

### Detailed Comments : SPC

SPA                      SPB

<-----CCR-----

.....check tone.....

■

.....

<-----REL-----

-----RLC----->

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_4_2 <b>Group</b> : CSSV/CCP/ <b>Purpose</b> : To verify that the continuity check procedure for the proper alignment of circuits can be correctly performed. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Continuity check procedure SUBTITLE: CCR sent: successful REFERENCE: 2.1.8 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		MNT! MNT_REQ	TRIGGER_CCR		
4		LAB? R_CCR	CCR_AB(cic)		
5		(TCV_Close_test_loop := TSO_Close_test_loop(cic))			
6		LAB? R_REL	REL_AB(cic)		
7		(TCV_Remove_test_loop := TSO_Remove_test_loop(cic))			
8		LAB! S_RLC	RLC_BA(cic)		
9		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----CCR-----> .....check tone..... . ..... -----REL-----> <-----RLC-----					

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_1\_4\_3**

**Group** : CSSV/CCP/

**Purpose** : To verify that the messages associated with an unsuccessful continuity check procedure can be correctly received by the IUT.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Continuity check procedure SUBTITLE: CCR received: unsuccessful REFERENCE: 2.1.8 / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_26			
2		LAB! S_CCR	CCR_BA(cic)		
3		+Check_COT_tone			
4		LAB! S_COT	COT_BA_FAILED(cic)		1.
5		START T26min			2.
6		?TIMEOUT T26min			
7		LAB! S_CCR	CCR_BA(cic)		
8		+Check_COT_tone			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
<b>Detailed Comments :</b> SPC                      SPA                      SPB <-----CCR----- .....check tone..... . ..... <-----COT----- (failed)					

*Continued on next page*

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

|  
| T26 (1..3 min)  
|  
<-----CCR-----  
.....check tone.....  
.  
.....  
<-----REL-----  
-----RLC----->

- 
1. Although the check tone is received, a failure of the continuity check shall be indicated to the IUT.
  2. The timer should be set to the minimum value (1 min).

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_4_4					
<b>Group</b> : CSSV/CCP/					
<b>Purpose</b> : To verify that the IUT can handle an unsuccessful continuity check procedure.					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: Continuity check procedure SUBTITLE: CCR sent: unsuccessful REFERENCE: 2.1.8 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_26	TRIGGER_CCR		
2		(cic:=TSP_CIC_R)			
3		MNT! MNT_REQ			
4		+C_Await_CCR(cic)			
<b>Detailed Comments</b> : SPC					
SPA SPA					
-----CCR----->					
.....check tone.....					
-----COT-----> (failed)					
T24 (2 seconds)					
-----CCR----->					
.....check tone.....					
-----COT-----> (failed)					
T26 (1..3 min)					
-----CCR----->					
.....check tone.....					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----COT-----&gt; (failed)

- 
1. The test loop shall not be closed.
  2. Check that the continuity re-check is not started before timer T26 is expired.



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_4_5 <b>Group</b> : CSSV/CCP/ <b>Purpose</b> : To verify that the IUT sends a Reset circuit message if after an unsuccessful continuity check within T27 there is no Continuity check request message received. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Continuity check procedure SUBTITLE: CCR not received; verify timer T27 REFERENCE: Table A.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_27			
2		(cic:=TSP_CIC_R)			
3		LAB! S_IAM	IAM_BA_NatCon_CntChl_01(cic)		
4		+Check_COT_tone			
5		LAB! S_COT	COT_BA_FAILED(cic)		
6		+Check_T27			
7		LAB? R_RSC	RSC_AB(cic)	(P)	
8		CANCEL T27max			
9		LAB! S_RLC	RLC_BA(cic)	P	
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----IAM----- .....check tone..... . ..... <-----COT----- (failed)					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

|  
| T27 (4 min)  
|  
-----RSC----->  
<-----RLC-----

---

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_I\_1\_5\_1\_a**

**Group** : CSSV/RUSIM/

**Purpose** : To verify that the IUT is able to send a Release complete message if an unexpected release message is received.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Receipt of unreasonable signalling information messages SUBTITLE: Receipt of unexpected messages REFERENCE: 2.9.5.1 a) / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_REL	REL_BA(cic)		
4		LAB? R_RLC	RLC_AB(cic)	(P)	
5		+Check_circuit_idle(cic)			

**Detailed Comments :** SPC SPA SPB  
 <-----REL-----  
 -----RLC----->

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_I\_1\_5\_1\_b**

**Group** : CSSV/RUSIM/

**Purpose** : To verify that a release complete message is discarded by the IUT if it is sent relating to an idle circuit.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Receipt of unreasonable signalling information messages SUBTITLE: Receipt of unexpected messages REFERENCE: 2.9.5.1 b) / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	RLC_BA(cic)	(P)	1.
2		(cic:=TSP_CIC_R)			
3		LAB! S_RLC			
4		START T_WAIT			
5		?TIMEOUT T_WAIT			
6		+Check_circuit_idle(cic)			

**Detailed Comments :** SPC SPA SPB  
 <-----RLC----->

1. No message shall be returned.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_I\_1\_5\_1\_c**

**Group** : CSSV/RUSIM/

<b>Purpose</b>	: To verify that an unexpected message other than Release and release complete is discarded and that a Reset circuit message is returned by the IUT.
----------------	--

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Receipt of unreasonable signalling information messages SUBTITLE: Receipt of unexpected messages REFERENCE: 2.9.5.1 e) / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_SUS	SUS_BA(cic)		1.
4		LAB? R_RSC	RSC_AB(cic)	(P)	
5		LAB! S_RLC	RLC_BA(cic)		
6		+Check_circuit_idle(cic)			

**Detailed Comments :** SPC SPA SPB  
 <-----XXX-----  
 -----RSC----->  
 <-----RLC-----

1. A network initiated Suspend message is used as an unexpected message.

Test Case Dynamic Behaviour					
<b>Test Case Name :</b> IBC_I_1_5_2_a					
<b>Group :</b> CSSV/RUSIM/					
<b>Purpose :</b> To verify that the IUT is able to discard an unexpected message after a backward message is received.					
<b>Configuration :</b> Default					
<b>Default :</b> AnyOtherEventUnexpected					
<b>Comments :</b> TITLE:     Receipt of unreasonable signalling information messages SUBTITLE:  Receipt of unexpected messages during call setup REFERENCE:  2.9.5.1 e) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_5_2_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_AB			
6		LAB! S_RES	RES_BA(cic)		1.
7		LAB! S_ANM	ANM_BA(cic)	(P)	2.
8		+S_REL_etc_BA			
9		+G_Verdict_Left_PTC			3.
<b>Detailed Comments :</b> SPC                  SPA                  SPB -----setup----->       -----IAM-----> <-----XXX----- <----alerting-----       <-----ACM----- .....,ringing tone ..... <----connect-----       <-----ANM----- .....,communication..... <----release-----       <-----REL-----					

*Continued on next page*

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

- 
1. A network initiated Resume message is used as an unexpected message.
  2. Continue with call setup and release.
  3. Check that the RES is not passed on.

## Test Case Dynamic Behaviour

**Test Case Name** : IBC | 1\_5\_2\_b

**Group** : CSSV/RUSIM/

<b>Purpose</b>	: To verify that the IUT is able to send a Reset circuit message if an unexpected message is received before a backward message for an incoming call.
----------------	---

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Receipt of unreasonable signalling information messages SUBTITLE: Receipt of unexpected messages during call setup REFERENCE: 2.9.5.1 e) / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_5_2_b			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		+Delay			
6		LAB! S_RES	RES_BA(cic)		
7		LAB? R_RSC	RSC_AB(cic)	(P)	1.
8		LAB! S_RLC	RLC_BA(cic)		
9		+Check_circuit_idle(cic)			
<b>Detailed Comments :</b> SPC                  SPA                  SPB <-----setup----->    <-----IAM-----> <-----XXX-----> <----release----->    -----RSC-----> <-----RLC----->					
<hr/> 1. A network initiated resume message is used as an unexpected message.					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_5_3 <b>Group</b> : CSSV/RUSIM/ <b>Purpose</b> : To verify that the IUT is able to Release a call if an unexpected Release complete message is received for a busy circuit. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unreasonable signalling information messages SUBTITLE: Unexpected RLC for a busy circuit REFERENCE: 2.9.5.1 c) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_5_3			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication			
7		LAB! S_RLC	RLC_BA(cic)		
8		LAB? R_REL	REL_AB(cic)		
9		LAB! S_RLC	RLC_BA(cic)		
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup----->    -----IAM-----> <-----alerting-----    <-----ACM----- <-----connect-----    <-----ANM----- .....communication..... <-----RLC-----					

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## Test Case Dynamic Behaviour

**Detailed Comments : ...**

<-----release-----> <-----REL----->  
                                <-----RLC----->

1. It is not necessary to check the ringing tone.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_1_1 <b>Group</b> : CSSV/RU/MS/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) releases the call if indicated in the Message compatibility information <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown messages SUBTITLE: Message compatibility information: Release call REFERENCE: 2.9.5.3.1 1)a)/Q.764 2.9.5.3.1 2)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_1_1			
3		(TCV_MXX :=get_unknown_msg_type())			
4		(cic:=TSP_CIC_R)			
5		LAB! S_IAM	IAM_BA(cic)		
6		+Delay			
7		LAB! S_MXX	MXX_BA_REL_CALL(cic, TCV_MXX)		1.
8		LAB? R_REL	REL_AB_C97_MXX(cic, TCV_MXX)	(P)	2.
9		LAB! S_RLC	RLC_BA(cic)		
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB <-----setup----- <-----IAM----- <-----XXX----- <-----release----- -----REL----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

&lt;-----RLC-----

1. Any unknown message in the IUT with the Message compatibility information parameter coded as: A=1, B=1, C=X, D=X, E=X (X=don't care)
2. The Cause value shall be set to 97, "Message type non-existent or not implemented – discarded" and the Diagnostic field shall contain the name of the message.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_1_2_a <b>Group</b> : CSSV/RU/MS/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard an unknown message, if indicated in the Message compatibility information and the sending of a Confusion message is not requested <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown messages SUBTITLE: Message compatibility information: Discard message REFERENCE: 2.9.5.3.1 1)a)/Q.764 2.9.5.3.1 2)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_1_2			
3		(TCV_MXX :=get_unknown_msg_type())			
4		(cic:=TSP_CIC_R)			
5		LAB! S_IAM	IAM_BA(cic)		
6		+Delay			
7		LAB! S_MXX	MXX_BA_DISCARD(cic,T CV_MXX, '1'B, '0'B)		1.
8		LAB? R_ACM	ACM_AB(cic)	(P)	2.
9		+Check_ringing_tone_AB			
10		LAB? R_ANM	ANM_AB(cic)		
11		+Check_communication			
12		+G_Release_call			
13		+Check_circuit_idle(cic)			

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments :**

SPC	SPA	SPB
<-----setup-----	<-----IAM-----	
	<-----XXX-----	
-----alerting----->	-----ACM----->	
.....ringing tone .....		
-----connect----->	-----ANM----->	
.....communication.....		
<-----release-----	<-----REL-----	
	-----RLC----->	

- 
1. Any unknown message in the IUT with a message compatibility information parameter coded as:  
A=1, B=0, C=0, D=1, E=X (X=don't care)
  2. A Confusion message shall not be sent.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_1_2_b <b>Group</b> : CSSV/RU/MS/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard an unknown message and send back a Confusion message if indicated in the Message compatibility information and the sending of a Confusion message is requested <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown messages SUBTITLE: Message compatibility information: Discard message REFERENCE: 2.9.5.3.1 1)a)/Q.764 2.9.5.3.1 2)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_1_2			
3		(TCV_MXX :=get_unknown_msg_type())			
4		(cic:=TSP_CIC_R)			
5		LAB! S_IAM	IAM_BA(cic)		
6		+Delay			
7		LAB! S_MXX	MXX_BA_DISCARD(cic,T CV_MXX,'1'B, '1'B)		1.
8		LAB? R_CFN	CFN_AB_C97_MXX(cic,T CV_MXX)	(P)	2.
9		LAB? R_ACM	ACM_AB(cic)		
10		+Check_ringing_tone_AB			
11		LAB? R_ANM	ANM_AB(cic)		
12		+Check_communication			
13		+G_Release_call			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		+Check_circuit_idle(cic)			
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> &lt;-----setup----- &lt;-----IAM-----                         &lt;-----XXX-----                         -----CFN-----&gt; -----alerting-----&gt; -----ACM-----&gt; .....ringing tone .....&gt; -----connect-----&gt; -----ANM-----&gt; .....communication..... &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <p>1. Any unknown message in the IUT with a message compatibility information parameter coded as: A=1, B=0, C=1, D=1, E=X (X=don't care)</p> <p>2. The Cause value shall be set to 97, "Message type non-existent or not implemented – discarded" and the Diagnostic field shall contain the name of the message.</p>					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_1_3 <b>Group</b> : CSSV/RU/MS/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able that to pass on an unknown message, if indicated in the Message compatibility information (bit A=1). <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown messages SUBTITLE: Message compatibility information: Pass on REFERENCE: 2.9.5.3.1 1)a)/Q.764 2.9.5.3.1 2)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_1_3			
3		(TCV_MXX :=get_unknown_msg_type())			
4		(cic:=TSP_CIC_R)			
5		LAB! S_IAM	IAM_BA(cic)		
6		+Delay			
7		LAB! S_MXX	MXX_BA_PASS_ON_A1(cic,TCV_MXX)		1.
8		LAB? R_ACM	ACM_AB(cic)	(P)	2.
9		+Check_ringing_tone_AB			
10		LAB? R_ANM	ANM_AB(cic)		
11		+Check_communication			
12		+G_Release_call			
13		+Check_circuit_idle(cic)			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		+G_Verdict_Left_PTC			3.
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> &lt;-----setup----- &lt;-----IAM-----                         &lt;-----XXX----- -----alerting-----&gt; -----ACM-----&gt; .....ringing tone ..... -----connect-----&gt; -----ANM-----&gt; .....communication..... &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <p>_____1. Any unknown  message in the IUT with a message compatibility information parameter coded as:  A=1, B=0, C=1, D=0, E=0 (X=don't care)  2. Does the call continue?  3. Has the unknown message been passed on?  Note: No CFN is initiated.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_1_4 <b>Group</b> : CSSV/RU/MS/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) releases the call if pass on is not possible and if indicated in the Message compatibility information (bit A=1). <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown messages SUBTITLE: Message compatibility information: Pass on not possible, release call REFERENCE: 2.9.5.3.1 1)a)/Q.764 2.9.5.3.1 2)a)/Q.764 PRE-TEST CONDITIONS: Arrange the data in the IUT such that pass on is not possible.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_1_4			1.
3		(TCV_MXX :=get_unknown_msg_type())			
4		(cic:=TSP_CIC_R)			
5		LAB! S_IAM	IAM_BA_TO_Non_ISUP(cic)		
6		+Delay			
7		LAB! S_MXX	MXX_BA_PASS_ON_REL_A1(cic,TCV_MXX)		2.
8		LAB? R_REL	REL_AB_C97_MXX(cic,TCV_MXX)	(P)	3.
9		LAB! S_RLC	RLC_BA(cic)		
10		+Check_circuit_idle(cic)			

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments :** SPC

SPA

SPB

<-----setup----- <-----IAM-----  
<-----XXX-----  
<-----release----- -----REL----->  
<-----RLC-----

1. A non ISUP route

has to be used at the stimulus side.

2. Any unknown message in the IUT with a message compatibility information parameter coded as:

A=1, B=0, C=1, D=0, E=0

3. The Cause indicator shall contain the value 97 and the Diagnostic field shall contain the name of the unknown message.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_1_5 <b>Group</b> : CSSV/RU/MS/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard an unknown message if pass on is not possible and if indicated in the Message compatibility information (bit A=1). <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown messages SUBTITLE: Message compatibility information: Pass on not possible, discard information REFERENCE: 2.9.5.3.1 1)a)/Q.764 2.9.5.3.1 2)a)/Q.764 PRE-TEST CONDITIONS: Arrange the data in the IUT such that pass on is not possible.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_1_5			1.
3		(TCV_MXX :=get_unknown_msg_type())			
4		(cic:=TSP_CIC_R)			
5		LAB! S_IAM	IAM_BA_TO_Non_ISUP(cic)		
6		+Delay			
7		LAB! S_MXX	MXX_BA_PASS_ON_DISCARD_A1(cic,TCV_MXX)		2.
8		LAB? R_CFN	CFN_AB_C97_MXX(cic,TCV_MXX)	(P)	3.
9		LAB? R_ACM	ACM_AB(cic)		
10		+Check_ringing_tone_BA			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
11		LAB? R_ANM	ANM_AB(cic)		
12		+Check_communication			
13		+G_Release_call			
14		+Check_circuit_idle(cic)			
<div>Detailed Comments : SPC SPA SPB</div> <div>&lt;-----setup----- &lt;-----IAM-----&lt;br&gt;&lt;-----XXX-----&lt;br&gt;-----CFN-----&gt;&lt;br&gt;-----alerting-----&gt; -----ACM-----&gt;&lt;br&gt;.....ringing tone .....&lt;br&gt;-----connect-----&gt; -----ANM-----&gt;&lt;br&gt;.....communication.....&lt;br&gt;&lt;-----release----- &lt;-----REL-----&lt;br&gt;-----RLC-----&gt;&lt;/div&gt;&lt;/td&gt;&lt;/tr&gt;&lt;/table&gt;&lt;div&gt;&lt;</div>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_1_6 <b>Group</b> : CSSV/RU/MS/ <b>Purpose</b> : To verify that the IUT (type B exchange) is able to ignore the remaining part of the instruction indicator if A = 0. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown messages SUBTITLE: Message compatibility information: Transit interpretation REFERENCE: 2.9.5.3.1 2) a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_1_6			
3		(TCV_MXX :=get_unknown_msg_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
5		LAB? R_MXX	MXX_AB_TRANSIT_INTR PR(cic,TCV_MXX)	(P)	1.
6		LAB! S_ACM	ACM_BA(cic)		
7		+Check_ringing_tone_AB			
8		LAB! S_ANM	ANM_BA(cic)		
9		+Check_communication			
10		+G_Release_call			
11		+Check_circuit_idle(cic)			
<b>Detailed Comments :</b> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">SPC</div> <div style="text-align: center;">SPA</div> <div style="text-align: center;">SPB</div> </div> <pre> -----IAM-----&gt; -----IAM-----&gt; -----XXX-----&gt; -----XXX-----&gt; &lt;-----ACM----- &lt;-----ACM----- </pre>					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....ringing tone .....  
<-----ANM----- <-----ANM-----  
.....Communication.....  
<-----REL----- <-----REL-----  
-----RLC-----> -----RLC----->

---

1. Any unknown message in the IUT with a message compatibility information parameter coded as:  
A=0, B=0, C=0, D=1, E=0 (discard message)  
The message shall not be discarded.

Note: In order to observe a non-conformant behaviour the instruction indicator has to be coded in a way that would prove its possible interpretation, e.g. discard instruction with discarding performed, while the message should have been passed on. Therefore the instruction indicator in the constraint will be coded as follows:



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_7_1_7 <b>Group</b> : CSSV/RU/MS/ <b>Purpose</b> : To check that the IUT (type A and B exchanges) is able to discard an unknown message and send a Confusion message if the unknown message contains no Message compatibility information parameter. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown messages SUBTITLE: Unknown message without Message compatibility information REFERENCE: 2.9.5.3.1 1)b)/Q.764 2.9.5.3.1 2)b)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_1_7			
3		(TCV_MXX :=get_unknown_msg_type())			
4		(cic:=TSP_CIC_R)			
5		LAB! S_IAM	IAM_BA(cic)		
6		+Delay			
7		LAB! S_MXX	MXX_BA(cic,TCV_MXX)		1.
8		LAB? R_CFN	CFN_AB_C97_MXX(cic,T CV_MXX)	(P)	2.
9		LAB? R_ACM	ACM_AB(cic)		
10		+Check_ringing_tone_AB			
11		LAB? R_ANM	ANM_AB(cic)		
12		+Check_communication			
13		+G_Release_call			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		+Check_circuit_idle(cic)			
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> &lt;-----setup----- &lt;-----IAM-----                         &lt;-----MXX-----                         -----CFN-----&gt; -----alerting-----&gt; -----ACM-----&gt; .....ringing tone .....&gt; -----connect-----&gt; -----ANM-----&gt; .....communication..... &lt;----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> <p>1. An unknown message without Message compatibility information is sent to the IUT.  2. The Cause value shall be set to 97, "Message type non-existent or not implemented – discarded" and the Diagnostic field shall contain the name of the message.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_1 <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to release the call if indicated in the Parameter compatibility information (bit A=1). <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Release call REFERENCE: 2.9.5.3.2 i)a)/Q.764 2.9.5.3.2 ii)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_PXX_REL_A1(cic,TCV_PXX)		1.
5		LAB? R_REL	REL_AB_C99_PXX(cic,TCV_PXX)	(P)	2.
6		LAB! S_RLC	RLC_BA(cic)		
7		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB <-----IAM----- -----REL-----> <-----RLC-----  1. Any unknown parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=1, C=X, D=X, E=X, F=X, G=X (X=don't care)					

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Test Case Dynamic Behaviour
<b>Detailed Comments :</b> ... 2. The Cause value shall be 99, "Parameter non-existent or not implemented – discarded" and the Diagnostic field shall contain the name of the unknown parameter.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_2_a <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard the message containing an unknown parameter if indicated in the Parameter compatibility information and that a notification is not requested (bit A=1). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Discard message REFERENCE: 2.9.5.3.2 i)a)/Q.764 2.9.5.3.2 ii)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_2_a			
3		(TCV_PXX := get_unknown_par_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
5		LAB! S_ACM	ACM_BA(cic)		
6		+Check_ringing_tone_AB			
7		LAB! S_CPG	CPG_BA_PXX_DISCM(cic,TCV_PXX,'1'B,'0'B)		1.
8		+Delay			
9		LAB! S_ANM	ANM_BA(cic)	(P)	2.
10		+Check_communication			
11		+G_Release_call			
12		+Check_circuit_idle(cic)			

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## Test Case Dynamic Behaviour

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Detailed Comments : SPC          SPA          SPB
-----stimulus----->  -----IAM----->
                        <-----ACM-----
                        .....ringing tone .....
                        <-----CPG-----
                        <-----ANM-----
                        .....communication.....
<-----release-----  <-----REL-----
                        -----RLC----->

```

1. Any unknown parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=0, C=0, D=1, E=X, F=X, G=X (X=don't care)
2. A Confusion message shall not be sent.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_2_b <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard the message containing an unknown parameter and send a notification if indicated in the Parameter compatibility information and that a notification is requested (bit A=1). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Discard message REFERENCE: 2.9.5.3.2 i)a)/Q.764 2.9.5.3.2 ii)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_2_b			
3		(TCV_PXX := get_unknown_par_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
5		LAB! S_ACM	ACM_BA(cic)		
6		+Check_ringing_tone_AB			
7		LAB! S_CPG	CPG_BA_PXX_DISCM(cic,TCV_PXX,'1'B,'1'B)		1.
8		LAB? R_CFN	CFN_AB_C110_CPG_PXX(cic,TCV_PXX)	(P)	2.
9		LAB! S_ANM	ANM_BA(cic)		
10		+Check_communication			
11		+G_Release_call			
12		+Check_circuit_idle(cic)			

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### Test Case Dynamic Behaviour

**Detailed Comments :** SPC                      SPA                      SPB

```

-----stimulus-----> -----IAM----->
                        <-----ACM-----
                        .....ringing tone .....
                        <-----CPG-----
                        -----CFN----->
                        <-----ANM-----
                        .....communication.....
<-----release----- <-----REL-----
                        -----RLC----->

```

- 
1. Any unknown parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=0, C=1, D=1, E=X, F=X, G=X (X=don't care)
  2. The Cause value shall be 110, "Message with unrecognized parameter – discarded" and the Diagnostic field shall contain the name of the CPG message together with the name of the unknown parameter.



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_3_a <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard an unknown parameter and send an notification, if indicated in the Parameter compatibility information (bit A=1). <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Discard parameter REFERENCE: 2.9.5.3.2 i)a)/Q.764 2.9.5.3.2 ii)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_3			
3		(cic:=TSP_CIC_R, TCV_PXX := get_unknown_par_type())			
4		LAB! S_IAM	IAM_BA_PXX_DISCP(cic, TCV_PXX,'1'B,'1'B)		1.
5		LAB? R_CFN	CFN_AB_C99_PXX(cic,T CV_PXX)	(P)	2.
6		LAB? R_ACM	ACM_AB(cic)		
7		+Check_ringing_tone_BA			
8		LAB? R_ANM	ANM_AB(cic)		
9		+Check_communication			
10		+G_Release_call			
11		+Check_circuit_idle(cic)			
12		+G_Verdict_Left_PTC			

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### Test Case Dynamic Behaviour

**Detailed Comments :** SPC                      SPA                      SPB

```

<-----setup----- <-----IAM-----
                        -----CFN----->
-----alerting-----> -----ACM----->
                        .....ringing tone .....
-----connect-----> -----ANM----->
                        .....communication.....
<-----release----- <-----REL-----
                        -----RLC----->

```

- 
1. Any unknown parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=0, C=1, D=0, E=1, F=0, G=0
  2. The Cause value shall be 99, "Parameter non-existent or not implemented – discarded" and the Diagnostic field shall contain the name of the unknown parameter.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_3_b <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard an unknown parameter if indicated in the Parameter compatibility information (bit A=1). <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Discard parameter REFERENCE: 2.9.5.3.2 i)a)/Q.764 2.9.5.3.2 ii)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_3			
3		(cic:=TSP_CIC_R, TCV_PXX := get_unknown_par_type())			
4		LAB! S_IAM	IAM_BA_PXX_DISCP(cic, TCV_PXX, '1'B,'0'B)		1.
5		LAB? R_ACM	ACM_AB(cic)	(P)	2.
6		+Check_ringing_tone_BA			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM----- -----alerting-----> -----ACM----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....ringing tone .....  
-----connect-----> -----ANM----->  
.....communication.....  
<-----release----- <-----REL-----  
-----RLC----->

\_\_\_\_\_1. Any unknown  
parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=0, C=0, D=0, E=1, F=0,  
G=0

2. A CFN shall not be sent.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_1\_7\_2\_4**

Group : CSSV/RU/PA/

<b>Purpose</b>	: To verify that the IUT (type A and B exchanges) is able to pass on an unknown parameter if indicated in the Parameter compatibility information (bit A=1).
----------------	--

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Pass on REFERENCE: 2.9.5.3.2 i)a)/Q.764 2.9.5.3.2 ii)a)/Q.764
-----------------	--

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_4			
3		(TCV_PXX := get_unknown_par_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_PXX_PASS_ON_A1(TCV_PXX)	(P)	1.
5		LAB! S_ACM	ACM_BA(cic)		2.
6		+Check_ringing_tone_AB			
7		LAB! S_ANM	ANM_BA(cic)		
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
<b>Detailed Comments :</b> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <span>SPC</span> <span>SPA</span> <span>SPB</span> </div> <pre> -----stimulus-----&gt;  -----IAM-----&gt;                         &lt;-----ACM----- .....ringing tone ..... </pre>					

*Continued on next page*

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

<-----ANM-----  
.....communication.....  
<-----release----- <-----REL-----  
-----RLC----->

- \_\_\_\_\_1. Any unknown  
parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=0, C=1, D=0, E=0, F=0,  
G=0  
2. The call setup continues.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_1\_7\_2\_5**

**Group** : CSSV/RU/PA/

<b>Purpose</b>	: To verify that the IUT (type A and B exchanges) releases the call if pass on is not possible and if it is indicated in the Parameter compatibility information (bit A=1).
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**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE:     Receipt of unknown parameters SUBTITLE:   Parameter compatibility information: Pass on not possible, release call
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REFERENCE: 2.9.5.3.2 i)a)/Q.764

2.9.5.3.2 ii)a)/Q.764

PRE-TEST CONDITIONS: Arrange that pass on is not possible for the IUT

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_5			1.
3		(cic:=TSP_CIC_R, TCV_PXX := get_unknown_par_type())			
4		LAB! S_IAM	IAM_BA_PXX_NO_PASS _REL_A1(cic,TCV_PXX)		2.
5		LAB? R_REL	REL_AB_C99_PXX(cic,T CV_PXX)	(P)	3.
6		LAB! S_RLC	RLC_BA(cic)		
7		+Check_circuit_idle(cic)			
<b>Detailed Comments :</b> SPC                  SPA                  SPB <-----IAM----- -----REL-----> <-----RLC-----					

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Test Case Dynamic Behaviour
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<b>Detailed Comments : ...</b>
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- |  |
|--|
| <div>_____1. A non ISUP route<br/>has to be used at the left side.<br/>2. Any unknown parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=0, C=1,<br/>D=0, E=0, F=0, G=0<br/>3. The Cause value shall be 99 and the Diagnostic field shall contain the name of the unknown parameter.</div> |
|--|



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_6_a <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard a message containing an unknown parameter and send a notification if pass on is not possible and if indicated in the Parameter compatibility information (bit A=1). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Pass on not possible, discard message REFERENCE: 2.9.5.3.2 i)a)/Q.764 2.9.5.3.2 ii)a)/Q.764 PRE-TEST CONDITIONS: Arrange that pass on is not possible for the IUT					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_6_a			1.
3		(TCV_PXX := get_unknown_par_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
5		LAB! S_ACM	ACM_BA(cic)		
6		+Check_ringing_tone_AB			
7		LAB! S_CPG	CPG_BA_PXX_PASS_DIS CM(cic,TCV_PXX,'1'B,'1' B)		2.
8		LAB? R_CFN	CFN_AB_C110_CPG_PX X(cic,TCV_PXX)	(P)	3.
9		LAB! S_ANM	ANM_BA(cic)		
10		+Check_communication			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
11		+G_Release_call			
12		+Check_circuit_idle(cic)			
13		+G_Verdict_Left_PTC			
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> -----setup-----&gt; -----IAM-----&gt;                         &lt;-----ACM----- .....ringing tone .....                         &lt;-----CPG-----                         -----CFN-----&gt;                         &lt;-----ANM----- .....communication..... &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <p>1. A non ISUP route has to be used at the stimulus side to ensure that pass on is not possible.  2. Any unknown parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=0, C=1, D=0, E=0, F=1, G=0  3. The Cause value shall be 110, "Message with unrecognized parameter – discarded" and the Diagnostic field shall contain the name of the CPG message together with the name of the unknown parameter.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_6_b <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard a message containing an unknown parameter if pass on is not possible and if indicated in the Parameter compatibility information (bit A=1). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Pass on not possible, discard message REFERENCE: 2.9.5.3.2 i)a)/Q.764 2.9.5.3.2 ii)a)/Q.764 PRE-TEST CONDITIONS: Arrange that pass on is not possible for the IUT					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_6_b			1.
3		(TCV_PXX := get_unknown_par_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
5		LAB! S_ACM	ACM_BA(cic)		
6		+Check_ringing_tone_AB			
7		LAB! S_CPG	CPG_BA_PXX_PASS_DIS CM(cic,TCV_PXX,'1'B,'0' B)		2.
8		LAB! S_ANM	ANM_BA(cic)		3.
9		+Check_communication			
10		+G_Release_call			
11		+Check_circuit_idle(cic)			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
12		+G_Verdict_Left_PTC			
<p><b>Detailed Comments :</b></p> <pre> SPC          SPA          SPB -----setup-----&gt; -----IAM-----&gt;           &lt;-----ACM----- .....ringing tone .....           &lt;-----CPG-----           &lt;-----ANM----- .....communication..... &lt;-----release----- &lt;-----REL-----           -----RLC-----&gt; </pre> <hr/> <p>1. A non ISUP route has to be used at the stimulus side to ensure that pass on is not possible.</p> <p>2. Any unknown parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=0, C=0, D=0, E=0, F=1, G=0</p> <p>3. A Confusion message shall not be sent.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_7_a <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard an unknown parameter and send a notification if pass on is not possible and if indicated in the Parameter compatibility information (bit A=1). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Pass on not possible, discard parameter REFERENCE: 2.9.5.3.2 i)a)/Q.764 2.9.5.3.2 ii)a)/Q.764 PRE-TEST CONDITIONS: Arrange that pass on is not possible for the IUT					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_7			1.
3		(TCV_PXX := get_unknown_par_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
5		LAB! S_ACM	ACM_BA(cic)		
6		+Check_ringing_tone_AB			
7		LAB! S_CPG	CPG_BA_PXX_PASS_DIS CP(cic,TCV_PXX,'1'B,'1'B )		2.
8		LAB? R_CFN	CFN_AB_C110_CPG_PX X(cic,TCV_PXX)	(P)	3.
9		LAB! S_ANM	ANM_BA(cic)		
10		+Check_communication			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
11		+G_Release_call			
12		+Check_circuit_idle(cic)			
13		+G_Verdict_Left_PTC			
<b>Detailed Comments :</b> <pre> SPC          SPA          SPB -----setup-----&gt; -----IAM-----&gt;           &lt;-----ACM----- .....ringing tone .....           &lt;-----CPG-----           -----CFN-----&gt;           &lt;-----ANM----- .....communication..... &lt;-----release----- &lt;-----REL-----           -----RLC-----&gt; </pre> <hr/> <ol style="list-style-type: none"> <li>1. A non ISUP route has to be used at the stimulus side to ensure that pass on is not possible.</li> <li>2. Any unknown parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=0, C=1, D=0, E=0, F=0, G=1</li> <li>3. The Cause value shall be 110, "Message with unrecognized parameter – discarded" and the Diagnostic field shall contain the name of the CPG message together with the name of the unknown parameter.</li> </ol>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_7_b <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to discard an unknown parameter if pass on is not possible and if indicated in the Parameter compatibility information (bit A=1). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Pass on not possible, discard parameter REFERENCE: 2.9.5.3.2 i)a)/Q.764 2.9.5.3.2 ii)a)/Q.764 PRE-TEST CONDITIONS: Arrange that pass on is not possible for the IUT					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_7			1.
3		(TCV_PXX := get_unknown_par_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
5		LAB! S_ACM	ACM_BA(cic)		
6		+Check_ringing_tone_AB			
7		LAB! S_CPG	CPG_BA_PXX_PASS_DIS CP(cic,TCV_PXX,'1'B,'0'B )		2.
8		LAB! S_ANM	ANM_BA(cic)		3.
9		+Check_communication			
10		+G_Release_call			
11		+Check_circuit_idle(cic)			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
12		+G_Verdict_Left_PTC			
<p><b>Detailed Comments :</b></p> <pre>       SPC          SPA          SPB -----setup-----&gt; -----IAM-----&gt;       &lt;-----ACM----- .....ringing tone .....       &lt;-----CPG-----       &lt;-----ANM----- .....communication..... &lt;-----release----- &lt;-----REL-----       -----RLC-----&gt; </pre> <hr/> <p>1. A non ISUP route has to be used at the stimulus side to ensure that pass on is not possible.</p> <p>2. Any unknown parameter in the IUT with a parameter compatibility information parameter coded as: A=1, B=0, C=0, D=0, E=0, F=0, G=1</p> <p>3. A Confusion message shall not be sent.</p>					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_8 <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type B exchange) is able to ignore the remaining part of the Instruction indicator if A = 0. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Parameter compatibility information: Transit interpretation REFERENCE: 2.9.5.3.2 ii)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_8			
3		(TCV_PXX := get_unknown_par_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_PXX_TRANSIT(T CV_PXX)	(P)	1.
5		LAB! S_ACM	ACM_BA(cic)		
6		+Check_ringing_tone_AB			
7		LAB! S_ANM	ANM_BA(cic)		
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone ..... <-----ANM----- <-----ANM----- .....Communication.....					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

<-----REL----- <-----REL-----  
-----RLC-----> -----RLC----->

1. Any unknown parameter in the IUT with a parameter compatibility information parameter coded as: A=0, B=0, C=0, D=0, E=1, F=0, G=0 (discard parameter)  
The parameter shall not be discarded.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_7_2_9_a <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To check that the IUT (type A and B exchanges) is able to pass on an unknown parameter if there is no Parameter compatibility information for it. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Unknown parameter without Compatibility information: Pass on REFERENCE: 2.9.5.3.2 i)b)/Q.764 2.9.5.3.2 ii)b)/Q.764 PRE-TEST CONDITIONS: Arrange that the unknown parameter will be passed on by the IUT					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_9			
3		(cic:=TSP_CIC_R, TCV_PXX := get_unknown_par_type())			
4		LAB! S_IAM	IAM_BA_PXX_NO_CINF( cic,TCV_PXX)		
5		LAB? R_ACM	ACM_AB(cic)	(P)	1.
6		+Check_ringing_tone_BA			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
11		+G_Verdict_Left_PTC			2.
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> &lt;-----setup----- &lt;-----IAM----- -----alerting-----&gt; -----ACM-----&gt; .....ringing tone ..... -----connect-----&gt; -----ANM-----&gt; .....communication..... &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <p>_____1. The IUT shall not  send confusion if the parameter was passed on  2. Was the unknown parameter passed on?</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_7_2_9_b <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To check that the IUT (type A and B exchanges) is able to discard an unknown parameter and send a Confusion message if there is no Parameter compatibility information for it. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Unknown parameter without Compatibility information: Discard REFERENCE: 2.9.5.3.2 i)b)/Q.764 2.9.5.3.2 ii)b)/Q.764 PRE-TEST CONDITIONS: Arrange that the unknown parameter will be discarded by the IUT					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_9			
3		(cic:=TSP_CIC_R, TCV_PXX := get_unknown_par_type())			
4		LAB! S_IAM	IAM_BA_PXX_NO_CINF( cic,TCV_PXX)		
5		LAB? R_CFN	CFN_AB_C99_PXX(cic,T CV_PXX)	(P)	
6		LAB? R_ACM	ACM_AB(cic)		
7		+Check_ringing_tone_BA			
8		LAB? R_ANM	ANM_AB(cic)		
9		+Check_communication			
10		+G_Release_call			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
11		+Check_circuit_idle(cic)			
12		+G_Verdict_Left_PTC			
<b>Detailed Comments :</b> <div style="display: flex; justify-content: space-between;"> <div>SPC</div> <div>SPA</div> <div>SPB</div> </div> <pre> &lt;-----setup-----                         -----CFN-----&gt; -----alerting-----&gt; -----ACM-----&gt;                         .....ringing tone ..... -----connect-----&gt; -----ANM-----&gt;                         .....communication..... &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre>					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_I\_1\_7\_2\_10

**Group** : CSSV/RU/PA/

**Purpose** : To check that the IUT (type A and B exchanges) is able to to discard an unknown parameter in a Release message without returning a CFN message.

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Receipt of unknown parameters  
 SUBTITLE: Unknown parameter within a Release message  
 REFERENCE: 2.9.5.3/Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_10			
3		(cic:=TSP_CIC_R, TCV_PXX := get_unknown_par_type())			
4		LAB! S_IAM	IAM_BA(cic)		
5		+Delay			
6		LAB! S_REL	REL_BA_PXX(cic, TCV_PXX)		
7		LAB? R_RLC	RLC_AB(cic)	P	
8		LAB? R_CFN	CFN_AB(cic)	F	1.

**Detailed Comments** : SPC SPA SPB  
 <-----setup----- <-----IAM-----  
 <-----release----- <-----REL-----  
 -----RLC----->

1. No confusion should be observed.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_7_2_11 <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To check that the IUT (type A and B exchanges) is able to discard an unknown parameter within a CFN message without returning a CFN message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Unknown parameter within a Confusion message REFERENCE: 2.9.5.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_11			
3		(TCV_PXX := get_unknown_par_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_PXX_TRANSIT(TCV_PXX)		
5		LAB! S_CFN START T_WAIT	CFN_BA_PXX(cic,TCV_PXX)		
6		LAB? R_CFN	CFN_AB(cic)	(F)	1.
7		+Continue			
8		?TIMEOUT T_WAIT		(P)	
9		+Continue			
		Continue			
10		LAB! S_ACM	ACM_BA(cic)		
11		+Check_ringing_tone_AB			
12		LAB! S_ANM	ANM_BA(cic)		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		+Check_communication			
14		+G_Release_call			
15		+Check_circuit_idle(cic)			
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> -----setup-----&gt; -----IAM-----&gt;                         &lt;-----CFN----- &lt;----alerting----- &lt;-----ACM----- .....ringing tone ..... &lt;----connect----- &lt;-----ANM----- .....communication..... &lt;----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> <p>1. No confusion should be observed as a response to the sending of CFN.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_1_7_2_12 <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To check that the IUT (type A and B exchanges) is able to to discard an unknown parameter in a Release complete message without returning a CFN message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Unknown parameter within a Release complete message REFERENCE: 2.9.5.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_12			
3		(TCV_PXX := get_unknown_par_type())			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
5		LAB? R_REL	REL_AB(cic)		
6		LAB! S_RLC START T_WAIT	RLC_BA_PXX(cic, TCV_PXX)		
7		LAB? R_CFN	CFN_AB(cic)	F	1.
8		?TIMEOUT T_WAIT		P	
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> -----release-----> -----REL-----> <-----RLC-----  <hr/> 1. Confusion shall not be sent					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_13_a <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to discard a CFN message. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Response indicating unrecognized information, discard REFERENCE: 2.9.5.4.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_13			
3		(cic:=TSP_CIC_R, TCV_PXX := get_unknown_par_type())			
4		LAB! S_IAM	IAM_BA_PXX_PASS_DIS CP(cic,TCV_PXX)		1.
5		LAB? R_CFN	CFN_AB(cic)	(F)	2.
6		+Continue			
7		LAB? R_ACM	ACM_AB(cic)	(P)	
8		+Continue			
		Continue			
9		+Check_ringing_tone_BA			
10		LAB? R_ANM	ANM_AB(cic)		
11		+Check_communication			
12		+G_Release_call			
13		+Check_circuit_idle(cic)			

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments :**

SPC	SPA	SPB
<-----IAM-----	<-----IAM-----	
-----CFN----->		
-----ACM----->	-----ACM----->	
.....ringing tone .....		
-----ANM----->	-----ANM----->	
.....communication.....		
<-----REL-----	<-----REL-----	
-----RLC----->	-----RLC----->	

- .....1. Any unknown  
parameter in the IUT with a parameter compatibility information parameter coded as: A=0, B=0, C=0, D=0, E=0, F=1,  
G=0 (pass on parameter, discard it if pass on is not possible)  
2. The IUT shall discard the received CFN.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_1_7_2_13_b <b>Group</b> : CSSV/RU/PA/ <b>Purpose</b> : To verify that the IUT (type B exchange) is able to pass on transparently a CFN message. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameters SUBTITLE: Response indicating unrecognized information, pass on REFERENCE: 2.9.5.4.2 ii)a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_2_13			
3		(cic:=TSP_CIC_R, TCV_PXX := get_unknown_par_type())			
4		LAB! S_IAM	IAM_BA_PXX_PASS_DIS CP(cic,TCV_PXX)	(P)	1.
5		LAB? R_CFN	CFN_AB(cic)		2.
6		LAB? R_ACM	ACM_AB(cic)		
7		+Check_ringing_tone_BA			
8		LAB? R_ANM	ANM_AB(cic)		
9		+Check_communication			
10		+G_Release_call			
11		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----IAM-----<-----IAM----- -----CFN-----> -----CFN-----> -----ACM-----> -----ACM----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....ringing tone .....  
-----ANM-----> -----ANM----->  
.....communication.....  
<-----REL----- <-----REL-----  
-----RLC-----> -----RLC----->

- \_\_\_\_\_1. Any unknown  
parameter in the IUT with a parameter compatibility information parameter coded as: A=0, B=0, C=0, D=0, E=0, F=1,  
G=0 (pass on parameter, discard it if pass on is not possible)  
2. The IUT shall pass on transparently the received CFN.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_9 <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.9 Called party number (CdPN) The Filler in the Address signals shall default to '0'H <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_9			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone ..... <-----ANM-----    <-----ANM----- .....communication..... -----REL----->    -----REL-----> <-----RLC-----    <-----RLC-----  1. The stimulus IAM contains a CdPN having a Filler in the Address signals set to '1'-'F'H. 2. The received IAM contains '0'H in the Filler part of the Address signals.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_10_a <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.10 Calling party number (CgPN) The CgPN parameter shall be discarded if the Nature of address indicator is coded with a spare value. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_10_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NO_CgPN	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <p>_____1. The stimulus IAM contains a CgPN having the Nature of address indicator coded '00' or '05'-'7F'H.</p> <p>2. The IUT shall discard the CgPN.</p>					



### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_S\_1\_7\_3\_1\_a\_10\_b

**Group** : CSSV/RU/PV/FD/

**Purpose** : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763  
 Parameter: 3.10 Calling party number (CgPN)  
 The CgPN parameter shall be discarded if the Numbering plan indicator is coded with a spare value.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Receipt of unknown parameter values  
 SUBTITLE: Receipt of unknown parameter values in the forward direction  
 REFERENCE: 2.9.5.3.3/Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_10_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NO_CgPN	(P)	2.
4		+S_ACM_etc_BA			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
.....ringing tone .....
<-----ANM-----  <-----ANM-----
.....communication.....
-----REL----->  -----REL----->
<-----RLC-----  <-----RLC-----

```

\_\_\_\_\_1. The stimulus IAM contains a CgPN having the Numbering plan indicator coded as 0, 2, 5, 6, 7  
 2. The IUT shall discard the CgPN.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_10_c <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.10 Calling party number (CgPN) The Address presentation restricted indicator shall default to '01'B – presentation restricted <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_10_c			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_CgPN_APRI_01	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone ..... <-----ANM-----    <-----ANM----- .....communication..... -----REL----->    -----REL-----> <-----RLC-----    <-----RLC-----  1. The stimulus IAM contains a CgPN having the Address presentation restricted indicator set to '11'B. 2. The received IAM contains '01'B in the Address presentation restricted indicator.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_10_d <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.10 Calling party number (CgPN) The CgPN parameter shall be discarded if the Screening indicator is coded with a spare value. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_10_d			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NO_CgPN	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a CgPN having the Screening indicator coded as '00'B – user provided, not verified or '10'B – user provided, verified and failed. 2. The IUT shall discard the CgPN.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_10_e <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.10 Calling party number (CgPN) The Filler in the Address signals shall default to '0'H <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_10_e			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_CgPN_Filler_0	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <p>_____1. The stimulus IAM contains a CgPN having a Filler in the Address signals set to '1'-'F'H.  2. The received IAM contains '0'H in the Filler part of the Address signals.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_11 <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.11 Calling party's category (CgPC) The Calling party's category shall default to '0A'H – ordinary calling subscriber <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_11			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_CgPC_0A	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a CdPC coded set to a value in the range '10'-'FF'H. 2. The received IAM contains '0A'H in the Calling party's category.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_23_a <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.23 Forward call indicators (FCI) The End-to-end method indicator shall default to '00'B <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_23_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_FCI	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a FCI having the End-to-end method indicator set to a non-zero value. The non-zero values are not spare. 2. The received IAM contains '00'B in the End-to-end method indicator.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_23_b <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.23 Forward call indicators (FCI) The End to end information indicator shall default to '0'B <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_23_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_FCI	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a FCI having the End to end method indicator set to '1'B. This value is not spare. 2. The received IAM contains '0'B in the EEInfl.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_23_c <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.23 Forward call indicators (FCI) The SCCP method indicator shall default to '00'B <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_23_c			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_FCI	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a FCI having the SCCP method indicator set to a non-zero value. The non-zero values are not spare. 2. The received IAM contains '00'B in the SCCPMI.					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_35_a <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.35 Nature of connection indicators (NatCon) The Satellite indicator set to the spare value ('11'B) shall default to '10'B – two satellites in the connection. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_35_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_Satl('10' B)	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone ..... <-----ANM-----    <-----ANM----- .....communication..... -----REL----->    -----REL-----> <-----RLC-----    <-----RLC-----  <hr/> 1. The stimulus IAM contains a NatCon having the Satellite indicator set to '11'B. 2. The received IAM contains '10'B in the Satl.					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_S\_1\_7\_3\_1\_a\_35\_b

**Group** : CSSV/RU/PV/FD/

**Purpose** : To verify that the IUT (type A and B exchanges) is able to handle unknown parameter values as demanded in Annex A/Q.763  
 Parameter: 3.35 Nature of connection indicators (NatCon)  
 The Continuity check indicator set to the spare value ('11'B) shall default either to '00'B – continuity check not required or '01'B – continuity check required on this circuit and a CFN with cause 110 and diagnostics shall be sent.  
 Note: The sending of the CFN message with cause #110 could be a problem in this case because the parameter to be discarded belongs to the mandatory fixed part of the message.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Receipt of unknown parameter values  
 SUBTITLE: Receipt of unknown parameter values in the forward direction  
 REFERENCE: 2.9.5.3.3/Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_35_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_CntChl_0X	(P)	2.
4		+S_ACM_etc_BA			
5		+G_Verdict_Left_PTC			3.

**Detailed Comments** : SPC SPA SPB  
 -----IAM-----> -----IAM----->  
 <-----CFN-----  
 <-----ACM----- <-----ACM-----  
 .....ringing tone .....  
 <-----ANM----- <-----ANM-----  
 .....communication.....

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----REL-----> -----REL----->  
<-----RLC----- <-----RLC-----

- 
1. The stimulus IAM contains a NatCon having the Continuity check indicator set to '11'B.
  2. The received IAM contains '00' or '01'B in the CntChI.
  3. Check if the Confusion message was received by the "left" tester.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_38 <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.38 Optional forward call indicators (OFCI) The CUG call indicator shall default to '00'B – non-CUG call <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_38			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_OFCI_CUGCI_00	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains an OFCI having the CUG call indicator set to the spare value '10'B. 2. The received IAM contains '00'B in the CUG call indicator.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_39_a <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.39 Original called number (OriCdNb) The OriCdNb parameter shall be discarded if the Nature of address indicator is coded with a spare value. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_39_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a OriCdNb having the Nature of address indicator coded '00' or '05'-'7F'H. 2. The IUT shall discard the OriCdNb.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_39_b <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.39 Original called number (OriCdNb) The OriCdNb parameter shall be discarded if the Numbering plan indicator is coded with a spare value. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_39_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone ..... <-----ANM-----    <-----ANM----- .....communication..... -----REL----->    -----REL-----> <-----RLC-----    <-----RLC-----  1. The stimulus IAM contains a OriCdNb having the Numbering plan indicator coded as 0, 2, 5, 6, 7 2. The IUT shall discard the OriCdNb.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_39_c <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.39 Original called number (OriCdNb) The Address presentation restricted indicator shall default to '01'B – presenation restricted <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_39_c			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_OriCdNb_APRI_01	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone ..... <-----ANM-----    <-----ANM----- .....communication..... -----REL----->    -----REL-----> <-----RLC-----    <-----RLC-----  1. The stimulus IAM contains a OriCdNb having the Address presentation restricted indicator set to '11'B. 2. The received IAM contains '01'B in the Address presentation restricted indicator.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_39_d <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.39 Original called number (OriCdNb) The Filler in the Address signals shall default to '0'H <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_39_d			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_OriCdNb	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a OriCdNb having a Filler in the Address signals set to '1'-'F'H. 2. The received IAM contains '0'H in the Filler part of the Address signals.					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_44_a <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.44 Redirecting number (RgNb) The RgNb parameter shall be discarded if the Nature of address indicator is coded with a spare value. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_44_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> 1. The stimulus IAM contains a RgNb having the Nature of address indicator coded '00' or '05'-'7F'H. 2. The IUT shall discard the RgNb.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_44_b <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.44 Redirecting number (RgNb) The RgNb parameter shall be discarded if the Numbering plan indicator is coded with a spare value. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_44_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NO_RgNb	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone ..... <-----ANM-----    <-----ANM----- .....communication..... -----REL----->    -----REL-----> <-----RLC-----    <-----RLC-----  1. The stimulus IAM contains a RgNb having the Numbering plan indicator coded as 0, 2, 5, 6, 7 2. The IUT shall discard the RgNb.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_44_c <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.44 Redirecting number (RgNb) The Address presentation restricted indicator shall default to '01'B – presentation restricted <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_44_c			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_RgNb_APRI_01	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....,ringing tone ..... <-----ANM-----    <-----ANM----- .....,communication..... -----REL----->    -----REL-----> <-----RLC-----    <-----RLC-----  1. The stimulus IAM contains a RgNb having the Address presentation restricted indicator set to '11'B. 2. The received IAM contains '01'B in the Address presentation restricted indicator.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_44_e <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.44 Redirecting number (RgNb) The Filler in the Address signals shall default to '0'H <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_44_e			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_RgNb_Filler_0	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a RgNb having a Filler in the Address signals set to '1'-'F'H. 2. The received IAM contains '0'H in the Filler part of the Address signals.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_45_a <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.45 Redirection information (RnInf) The spare value of the Redirecting indicator in the Redirection information shall default to '100'B – Call diversion, all redirection information presentation restricted. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_45_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_RnInf_Rglc_100	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone ..... <-----ANM-----    <-----ANM----- .....communication..... -----REL----->    -----REL-----> <-----RLC-----    <-----RLC-----  1. The stimulus IAM contains a RnInf having the Redirecting indicator coded '111'B. 2. The 3-bit Redirecting indicator shall be set to '100'B.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_45_b <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.45 Redirection information (RnInf) The spare values of the Original redirection reason in the Redirection information shall default to '0'H – unknown/not available <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_45_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_RnInf_OriRnReas_0000	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone ..... <-----ANM-----    <-----ANM----- .....communication..... -----REL----->    -----REL-----> <-----RLC-----    <-----RLC-----  <hr/> 1. The stimulus IAM contains a RnInf having the Original redirection reason coded '4'-'F'H. 2. The 4-bit Original redirection reason shall be set to '0'H.					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_S\_1\_7\_3\_1\_a\_45\_c

**Group** : CSSV/RU/PV/FD/

**Purpose** : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763  
 Parameter: 3.45 Redirection information (RnInf)  
 The spare values of the Redirection counter in the Redirection information shall default to 5 forwardings.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Receipt of unknown parameter values  
 SUBTITLE: Receipt of unknown parameter values in the forward direction  
 REFERENCE: 2.9.5.3.3/Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_45_c			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_RnInf_RnCnT_5	(P)	2.
4		+S_ACM_etc_BA			

**Detailed Comments** : SPC SPA SPB

```

-----IAM----->  -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
-----REL----->  -----REL----->
<-----RLC----- <-----RLC-----

```

1. The stimulus IAM contains a RnInf having the Redirection counter coded 6, 7 (or 0?).
2. The 3-bit Redirection counter shall be set to 5 ('101'B).

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_S\_1\_7\_3\_1\_a\_45\_d

**Group** : CSSV/RU/PV/FD/

**Purpose** : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763  
 Parameter: 3.45 Redirection information (RnInf)  
 The spare value of the Redirecting reason in the Redirection information shall default to '0'H – unknown/not available.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Receipt of unknown parameter values  
 SUBTITLE: Receipt of unknown parameter values in the forward direction  
 REFERENCE: 2.9.5.3.3/Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_45_d			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_RnInf_RgReas_000	(P)	2.
4		+S_ACM_etc_BA			

**Detailed Comments** : SPC SPA SPB

```

-----IAM----->  -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
-----REL----->  -----REL----->
<-----RLC----- <-----RLC-----

```

1. The stimulus IAM contains a RnInf having the Redirecting reason coded in the range '7'-'F'H.  
 2. The 4-bit Redirecting reason shall be set to '0'H.



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_51 <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.51 Subsequent number (SubNb) The Filler in the Subsequent number shall default to '0'H <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_51			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_CdPN_PART		
4		LAB? R_SAM	SAM_AB_SubNb_Filler_0(cic)	(P)	2.
5		+S_ACM_etc_BA			
6		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_CdPN_Filler_0	(P)	2.
7		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> -----SAM----->    -----SAM-----> <-----ACM-----    <-----ACM----- .....,ringing tone ..... <-----ANM-----    <-----ANM----- .....,communication.....					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----REL-----> -----REL----->  
<-----RLC----- <-----RLC-----

1. The stimulus IAM contains only a part of (an even number of digits) the Address sigals of the CdPN. The whole number has an odd number of digits. The stimulus SAM contains a Subsequent number having a Filler set to '1'-'F'H.
2. The received SAM (or IAM) contains '0'H in the Filler part of the Subsequent number.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_60_a <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.60 User-to-user indicators (UUInd) The spare value of the Service 1 field in the User-to-user indicators shall default to '00'B – no information. The Type (bit A) is request (0). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_60_a			1.
3		LAB? R_IAM [R_IAM.isup_pdu.UUInd.Serv1='00'B] (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_UUInd	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a UUInd having the Service 1 field coded '01'B. 2. The 2-bit Service 1 field shall be set to '00'B.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_60_b <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.60 User-to-user indicators (UUInd) The spare value of the Service 2 field in the User-to-user indicators shall default to '00'B – no information. The Type (bit A) is request (0). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_60_b			1.
3		LAB? R_IAM [R_IAM.isup_pdu.UUInd.Serv2='00'B] (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_UUInd	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a UUInd having the Service 2 field coded '01'B. 2. The 2-bit Service 2 field shall be set to '00'B.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_a_60_c <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.60 User-to-user indicators (UUInd) The spare value of the Service 3 field in the User-to-user indicators shall default to '00'B – no information. The Type (bit A) is request (0). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_1_a_60_c			1.
3		LAB? R_IAM [R_IAM.isup_pdu.UUInd.Serv3='00'B] (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_UUInd	(P)	2.
4		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt; &lt;-----RLC-----  &lt;-----RLC----- </pre> <hr/> 1. The stimulus IAM contains a UUInd having the Service 3 field coded '01'B. 2. The 2-bit Service 3 field shall be set to '00'B.					

## Test Case Dynamic Behaviour

**Test Case Name** : IBC\_S\_1\_7\_3\_1\_b\_9\_a

**Group** : CSSV/RU/PV/FD/

<b>Purpose</b>	: To verify that the IUT (type A and B exchanges) is able to handle unknown parameter values as demanded in Annex A/Q.763
----------------	---

Parameter: 3.9 Called party number (CdPN)

The call shall be cleared if the Nature of address indicator is coded with a spare value.

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Receipt of unknown parameter values

SUBTITLE: Receipt of unknown parameter values in the forward direction

REFERENCE: 2.9.5.3.3/Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_IAM	IAM_BA_CdPN_NatAdrl_07(cic)		1.
4		LAB? R_REL	REL_AB_C28(cic)	(P)	2.
5		LAB! S_RLC	RLC_BA(cic)		
6		+Check_circuit_idle(cic)			

### Detailed Comments : SPC

SPA

SPB

<-----IAM-----

-----REL----->

<-----RLC----->

1. The IAM contains a spare value ('00', '05'-'7F'H) for the Nature of address indicator in the CdPN, which leads to call clear down.
2. The call is cleared with Cause 28 – Invalid number format (address incomplete).

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_b_9_b <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.9 Called party number (CdPN) The call shall be cleared if the Numbering plan indicator is coded with a spare value. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_IAM	IAM_BA_CdPN_NbPI_111 (cic)		1.
4		LAB? R_REL	REL_AB_C28(cic)	(P)	2.
5		LAB! S_RLC	RLC_BA(cic)		
6		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----IAM----- -----REL-----> <-----RLC-----  1. The IAM contains a spare value (0, 2, 5, 6, 7) for the Numbering plan indicator in the CdPN, which leads to call clear down. 2. The call is cleared with Cause 28 – Invalid number format (address incomplete).					

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_S\_1\_7\_3\_1\_b\_9\_c**

**Group** : CSSV/RU/PV/FD/

<b>Purpose</b>	: To verify that the IUT (type A and B exchanges) is able to handle unknown parameter values as demanded in Annex A/Q.763
----------------	---

Parameter: 3.9 Called party number (CdPN)

The call shall be cleared if a digit in the Address signals is coded with a spare value.

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Receipt of unknown parameter values

SUBTITLE: Receipt of unknown parameter values in the forward direction

REFERENCE: 2.9.5.3.3/Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_IAM	IAM_BA_CdPN_AdSg_A(cic)		1.
4		LAB? R_REL	REL_AB_C28(cic)	(P)	2.
5		LAB! S_RLC	RLC_BA(cic)		
6		+Check_circuit_idle(cic)			

### Detailed Comments : SPC

SPA

SPB

<-----IAM-----

-----REL----->

<-----RLC----->

1. The IAM contains a spare value ('A'H, 'D'H, 'E'H) in a digit for the Address signals in the CdPN, which leads to call clear down.

2. The call is cleared with Cause 28 – Invalid number format (address incomplete).



## Test Case Dynamic Behaviour

**Test Case Name : IBC\_S\_1\_7\_3\_1\_b\_23**

**Group** : CSSV/RU/PV/FD/

<b>Purpose</b>	: To verify that the IUT (type A and B exchanges) is able to handle unknown parameter values as demanded in Annex A/Q.763
----------------	---

Parameter: 3.23 Forward call indicators (FCI)

The call shall be cleared if the ISUP preference indicator is coded with a spare value.

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Receipt of unknown parameter values

SUBTITLE: Receipt of unknown parameter values in the forward direction

REFERENCE: 2.9.5.3.3/Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_IAM	IAM_BA_FCI_IPI_11(cic)		1.
4		LAB? R_REL	REL_AB_C111(cic)	(P)	2.
5		LAB! S_RLC	RLC_BA(cic)		
6		+Check_circuit_idle(cic)			

**Detailed Comments :** SPC SPA SPB

<-----IAM-----

-----REL----->

<-----RLC-----

1. The IAM contains the spare value ('11'B) for the ISUP preference indicator in the FCI, which leads to call clear down.
2. The call is cleared with Cause 111 – Protocol error, unspecified.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_S\_1\_7\_3\_1\_b\_51**

**Group** : CSSV/RU/PV/FD/

<b>Purpose</b>	: To verify that the IUT (type A and B exchanges) is able to handle unknown parameter values as demanded in Annex A/Q.763
----------------	---

Parameter: 3.51 Subsequent number (SubNb)

The call shall be cleared if a digit in the Subsequent number is coded with a spare value.

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Receipt of unknown parameter values

SUBTITLE: Receipt of unknown parameter values in the forward direction

REFERENCE: 2.9.5.3.3/Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_IAM	IAM_BA_CdPN_PART(cic)		1.
4		LAB! S_SAM	SAM_BA_SubNb_D(cic)		
5		LAB? R_REL	REL_AB_C28(cic)	(P)	2.
6		LAB! S_RLC	RLC_BA(cic)		
7		+Check_circuit_idle(cic)			

### Detailed Comments : SPC

SPA

SPB

<-----IAM----->

<-----SAM-----

-----REL----->

<-----RLC-----

1. The SAM contains a spare value ('A'H, 'D'H, 'E'H) in the Subsequent number, which leads to call clear down.
2. The call is cleared with Cause 28 – Invalid number format (address incomplete).

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_1_b_54 <b>Group</b> : CSSV/RU/PV/FD/ <b>Purpose</b> : To verify that the IUT (type A and B exchanges) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.54 Transmission medium requirement (TMR) The call shall be cleared if the Transmission medium requirement is coded with a spare value. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the forward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_IAM	IAM_BA_TMR_0B(cic)		1.
4		LAB? R_REL	REL_AB_C65(cic)	(P)	2.
5		LAB! S_RLC	RLC_BA(cic)		
6		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----IAM----- -----REL-----> <-----RLC-----  1. The IAM contains a spare value ('0B'-'FF'H) for the ISUP preference indicator in the FCI, which leads to call clear down. 2. The call is cleared with Cause 65 – Bearer capability not implemented.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_5_a <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.5 Backward call indicators (BCI) The Charging indicator shall default to '10'B – charge. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_5_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.Chgl:='11'B)	ACM_BA(cic)		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone..... <-----ANM-----    <-----ANM----- .....communication..... <-----REL-----    <-----REL----- -----RLC----->    -----RLC----->					
1. The ACM contains the spare value '11'B in the Charging indicator of the BCI.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_5_b <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.5 Backward call indicators (BCI) The Called party's status indicator shall default to '00'B – no indication. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_5_b			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.CdPSI:='11'B)	ACM_BA(cic)		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC SPA SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone..... <-----ANM----- <-----ANM----- .....communication..... <-----REL----- <-----REL----- -----RLC-----> -----RLC----->  _____ 1. The ACM contains the spare value '11'B in the Called party's status indicator of the BCI.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_5_c <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.5 Backward call indicators (BCI) The Called party's category indicator shall default to '00'B – no indication. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_5_c			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.CdPC:='11'B)	ACM_BA(cic)		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone..... <-----ANM-----    <-----ANM----- .....communication..... <-----REL-----    <-----REL----- -----RLC----->    -----RLC----->  _____ 1. The ACM contains the spare value '11'B in the Called party's category indicator of the BCI.					

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_S\_1\_7\_3\_2\_5\_d**

**Group** : CSSV/RU/PV/BD/

<b>Purpose</b>	: To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.5 Backward call indicators (BCI) The End-to-end method indicator shall default to '00'B – no end-to-end method available.
----------------	---

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE:     Receipt of unknown parameter values SUBTITLE:   Receipt of unknown parameter values in the backward direction REFERENCE:   2.9.5.3.3/Q.764
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Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_5_d			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.EEMthI:=’11’B)	ACM_BA(cic)		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			

**Detailed Comments :** SPC SPA SPB

-----|AM----->    -----|AM----->

<-----ACM----- <-----ACM-----

.....ringing tone.....

<-----ANM-----<-----ANM-----

.....communication.....

<-----REL----- <-----REL-----

-----RLC-----> -----RLC----->

1. The ACM contains a BCI having the End-to-end method indicator set to a non-zero value. The non-zero values are not spare.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_5_e <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.5 Backward call indicators (BCI) The End-to-end information indicator shall default to '0'B – no end-to-end information available. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_5_e			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.EEInfl:='1'B)	ACM_BA(cic)		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone..... <-----ANM-----    <-----ANM----- .....communication..... <-----REL-----    <-----REL----- -----RLC----->    -----RLC----->  _____1. The ACM contains a BCI having the End-to-end information indicator set to a non-zero value. The non-zero value is not spare.					



## Test Case Dynamic Behaviour

**Test Case Name : IBC\_S\_1\_7\_3\_2\_5\_f**

**Group** : CSSV/RU/PV/BD/

<b>Purpose</b>	: To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.5 Backward call indicators (BCI) The Holding indicator shall default to '0'B – holding not requested
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**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764
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Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_5_f			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.HoldI:=’1’B)	ACM_BA(cic)	(P)	1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			

**Detailed Comments :** SPC SPA SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
.....ringing tone.....
<-----ANM-----  <-----ANM-----
.....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

1. The ACM contains a BCI having the Holding indicator set to a non-zero value. The non-zero value is not spare.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_5_g <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.5 Backward call indicators (BCI) The SCCP method indicator shall default to '00'B – no indication. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_5_g			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.SCCPMI:='01'B)	ACM_BA(cic)		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone..... <-----ANM----- <-----ANM----- .....communication..... <-----REL----- <-----REL----- -----RLC-----> -----RLC----->  1. The ACM contains a BCI having the SCCP method indicator set to a non-zero value. The non-zero values are not spare.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_16_a <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.16 Connected number (ConNb) The Connected number parameter shall be discarded if the Nature of address indicator is coded with a spare value. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_16_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM (S_ANM.isup_pdu.ConNb.NatAdrl:='0000101'B)	ANM_BA_ConNb(cic)		1.
7		+R_REL_etc_AB			
8		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone..... <-----ANM-----    <-----ANM----- .....communication..... <-----REL-----    <-----REL----- -----RLC----->    -----RLC----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

\_\_\_\_\_ 1. The ANM contains  
a spare value '00', '05'–'7F'H) in the Nature of address indicator of the ConNb.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_16_b <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.16 Connected number (ConNb) The Connected number parameter shall be discarded if the Numbering plan indicator is coded with a spare value. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_16_b			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM (S_ANM.isup_pdu.ConNb.NbPI:='101'B)	ANM_BA_ConNb(cic)		1.
7		+R_REL_etc_AB			
8		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC SPA SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone..... <-----ANM----- <-----ANM----- .....communication..... <-----REL----- <-----REL----- -----RLC-----> -----RLC----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

\_\_\_\_\_ 1. The ANM contains  
the spare value (0, 2, 5, 6, 7) in the Numbering plan indicator of the ConNb.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_16_c <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.16 Connected number (ConNb) The Address presentation restricted indicator shall default to '01'B – presentation restricted <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_16_c			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM (S_ANM.isup_pdu.ConNb.APRI:='11'B)	ANM_BA_ConNb(cic)		1.
7		+R_REL_etc_AB			
8		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone..... <-----ANM-----    <-----ANM----- .....communication..... <-----REL-----    <-----REL----- -----RLC----->    -----RLC----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

\_\_\_\_\_ 1. The ANM contains  
the spare value '11'B in the Address presentation restricted indicator of the BCI.



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_16_d <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.16 Connected number (ConNb) The Connected number parameter shall be discarded if the Screening indicator is coded with a spare value. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_16_d			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM (S_ANM.isup_pdu.ConNb.Scr!:= '10'B)	ANM_BA_ConNb(cic)		1.
7		+R_REL_etc_AB			
8		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC SPA SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone..... <-----ANM----- <-----ANM----- .....communication..... <-----REL----- <-----REL----- -----RLC-----> -----RLC----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

\_\_\_\_\_ 1. The ANM contains  
the value '10' (user provided, verified and failed) in the Screening indicator of the ConNb.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_16_e <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.16 Connected number (ConNb) The Filler in the Address signals shall default to '0'H <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_16_e			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM (S_ANM.isup_pdu.ConNb.Filler:='F'H)	ANM_BA_ConNb_Filler(cic)		1.
7		+R_REL_etc_AB			
8		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC SPA SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone..... <-----ANM----- <-----ANM----- .....communication..... <-----REL----- <-----REL-----					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----> -----RLC----->

\_\_\_\_\_1. The ANM contains a  
ConNb having a Filler field in the Address signals set to a value from the range '1'-'F'H.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_21 <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.21 Event information (EvInf) The CPG message shall be discarded if the Event information is not recognized. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_21			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.CdPSI:=NoInd)	ACM_BA(cic)		
5		+Delay			
6		LAB! S_CPG (S_CPG.isup_pdu.EvInf.EventI:='0000111'B)	CPG_BA(cic)		1.
7		+S_ANM_etc_BA			
8		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- <-----CPG----- .....ringing tone..... <-----ANM-----    <-----ANM----- .....communication..... <-----REL-----    <-----REL-----					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt; -----RLC-----&gt;

\_\_\_\_\_ 1. The CPG contains  
a spare value ('00', '07'-'7F'H) in the Event information parameter.

## Test Case Dynamic Behaviour

**Test Case Name** : IBC S 1 7 3 2 46 a

**Group** : CSSV/RU/PV/BD/

<b>Purpose</b>	: To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.46 Redirection number (RnNb) The Redirection number parameter shall be discarded if the Nature of address indicator is coded with a spare value.
----------------	--

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_46_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.RnNb.NatAdrl:='0000110'B)	ACM_BA_RnNb(cic)		
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			
<b>Detailed Comments :</b> SPC                      SPA                      SPB <pre> -----IAM-----&gt;   -----IAM-----&gt; &lt;-----ACM-----   &lt;-----ACM-----       .....ringing tone..... &lt;-----ANM-----   &lt;-----ANM-----       .....communication..... &lt;-----REL-----   &lt;-----REL----- -----RLC-----&gt;   -----RLC-----&gt;</pre> <p>_____1. The ACM contains a spare value in the range ('00', '05'-'7F'H) in the Nature of address indicator of the RnNb.</p>					

## Test Case Dynamic Behaviour

**Test Case Name** : IBC S 1 7 3 2 46 b

**Group** : CSSV/RU/PV/BD/

<b>Purpose</b>	: To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.46 Redirection number (RnNb) The Redirection number parameter shall be discarded if the Numbering plan indicator is coded with a spare value.
----------------	---

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_46_b			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.RnNb.NbPl:='101'B)	ACM_BA_RnNb(cic)		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			

**Detailed Comments :** SPC SPA SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
.....ringing tone.....
<-----ANM-----  <-----ANM-----
.....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

1. The ACM contains the spare value 7 from the spare range (0, 2, 5, 6, 7) in the Numbering plan indicator of the RnNb.



## Test Case Dynamic Behaviour

**Test Case Name** : IBC S 1 7 3 2 46 c

**Group** : CSSV/RU/PV/BD/

<b>Purpose</b>	: To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.46 Redirection number (RnNb) The Filler in the Address signals shall default to '0'H
----------------	--

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE:     Receipt of unknown parameter values SUBTITLE:   Receipt of unknown parameter values in the backward direction REFERENCE:   2.9.5.3.3/Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_46_c			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.RnNb.Filler:='F'H)	ACM_BA_RnNb_Filler(cic )		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			

**Detailed Comments :** SPC SPA SPB

```

-----IAM----->  -----IAM----->
<-----ACM----->  <-----ACM----->
.....ringing tone.....
<-----ANM----->  <-----ANM----->
.....communication.....
<-----REL----->  <-----REL----->
-----RLC----->  -----RLC----->

```

1. The ACM contains a RnNb having a Filler field in the Address signals set to a value in the spare range '1'-'F'H.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_60_a <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.60 User-to-user indicators (UUInd) The spare value of the Service 1 field in the User-to-user indicators shall default to '00'B – no information. The Type (bit A) is response (1). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_60_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.UUInd.Serv1:='11'B)	ACM_BA_UUInd(cic)		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone..... <-----ANM----- <-----ANM----- .....communication..... <-----REL----- <-----REL----- -----RLC-----> -----RLC----->  _____. 1. The ACM contains a UUInd having the Service 1 field coded '11'B.					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_S\_1\_7\_3\_2\_60\_b

**Group** : CSSV/RU/PV/BD/

**Purpose** : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763  
 Parameter: 3.60 User-to-user indicators (UUInd)  
 The spare value of the Service 2 field in the User-to-user indicators shall default to '00'B – no information. The Type (bit A) is response (1).

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Receipt of unknown parameter values  
 SUBTITLE: Receipt of unknown parameter values in the backward direction  
 REFERENCE: 2.9.5.3.3/Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_60_b			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.UUInd.Serv2:='11'B)	ACM_BA_UUInd(cic)		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			

**Detailed Comments** : SPC SPA SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone.....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

\_\_\_\_\_1. The ACM contains a  
 UUInd having the Service 2 field coded '11'B.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_2_60_c <b>Group</b> : CSSV/RU/PV/BD/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.60 User-to-user indicators (UUInd) The spare value of the Service 3 field in the User-to-user indicators shall default to '00'B – no information. The Type (bit A) is response (1). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the backward direction REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_2_60_c			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.UUInd.Serv3:='11'B)	ACM_BA_UUInd(cic)		1.
5		+S_ANM_etc_BA			
6		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone..... <-----ANM----- <-----ANM----- .....communication..... <-----REL----- <-----REL----- -----RLC-----> -----RLC----->  _____1. The ACM contains a UUInd having the Service 3 field coded '11'B.					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_I\_1\_7\_3\_3

**Group** : CSSV/RU/PV/

**Purpose** : To verify the IUT is able to discard a Circuit group blocking message and sends a Confusion message if the Type indicator field of the Circuit group supervision message type indicator is set to an illegal value.

**Configuration** : Default

**Default** : AnyOtherEventUnexpectedGroup

**Comments** : TITLE: Circuit group blocking/unblocking  
 SUBTITLE: Illegal value in the Type indicator of the Circuit group blocking message  
 REFERENCE: Table A.2 / Q.763  
 Table A.3 / Q.763

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAB! S_CGB	CGB_BA_UNKNOWN		
4		LAB? R_CFN	CFN_AB_C110_CGB_CIC Grp(cic)	(P)	
5		+Check_all_circuits_idle			1.

**Detailed Comments** : SPC

SPA

SPB

<-----CGB-----

-----CFN----->

1. A Circuit group blocking acknowledge message shall not be sent by the IUT.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_4_a_12_a <b>Group</b> : CSSV/RU/PV/RM/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.12 Cause indicators (Cause) The Coding standard of the Cause indicators shall default to '00'B – CCITT <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the Release message REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_4_a_12_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB? R_REL	REL_AB(cic)	(P)	2.
6		LAB! S_RLC	RLC_BA(cic)		
7		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... -----REL-----&gt;  -----REL-----&gt;                    &lt;-----RLC----- </pre>					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The stimulus REL contains Cause indicators with the Coding standard set to a spare value ('01', '10' or '11'B).
2. The received REL contains '00'B in the Coding standard field (1st octet bits 7,6) of the Cause indicators.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_4_a_12_b_1 <b>Group</b> : CSSV/RU/PV/RM/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.12 Cause indicators (Cause) The Location in the Cause indicators shall default to '7'H – international network <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in Release message REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_4_a_12_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB? R_REL	REL_AB_Cause_Loc_011 1(cic)	(P)	2.
6		LAB! S_RLC	RLC_BA(cic)		
7		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB <pre> -----IAM-----&gt; -----IAM-----&gt; &lt;-----ACM----- &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM----- &lt;-----ANM----- .....communication..... -----REL-----&gt; -----REL-----&gt;                         &lt;-----RLC----- </pre>					

Continued on next page



*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The stimulus REL contains Cause indicators with the Location set to a spare value ('8'-'F'H).
2. The received REL contains '7'H in the Location field (1st octet bits 4-1) of the Cause indicators.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_4_a_12_b_2 <b>Group</b> : CSSV/RU/PV/RM/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.12 Cause indicators (Cause) The Location in the Cause indicators shall default to 'A'H – network beyond interworking point <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the Release message REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_4_a_12_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB? R_REL	REL_AB_Cause_Loc_101 0(cic)	(P)	2.
6		LAB! S_RLC	RLC_BA(cic)		
7		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....ringing tone ..... <-----ANM-----    <-----ANM----- .....communication..... -----REL----->    -----REL-----> <-----RLC-----					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The stimulus REL contains Cause indicators with the Location set to a spare value ('8'-'F'H).
2. The received REL contains 'A'H in the Location field (1st octet bits 4-1) of the Cause indicators.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_S_1_7_3_4_a_12_c <b>Group</b> : CSSV/RU/PV/RM/ <b>Purpose</b> : To verify that the IUT (type A exchange) is able to handle unknown parameter values as demanded in Annex A/Q.763 Parameter: 3.12 Cause indicators (Cause) The spare Cause value of the Cause indicators shall default to: 31 – Normal event, unspecified (classes 000 and 001) 47 – Resource unavailable, unspecified (class 010) 63 – Service/option not available, unspecified (class 011) 79 – Service/option not implemented, unspecified (class 100) 95 – Invalid message, unspecified (class 101) 111 – Protocol error, unspecified (class 110) 127 – Interworking, unspecified (class 111) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Receipt of unknown parameter values SUBTITLE: Receipt of unknown parameter values in the Release message REFERENCE: 2.9.5.3.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_1_7_3_4_a_12_c			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB? R_REL	REL_AB_C31(cic)	(P)	2.
6		LAB! S_RLC	RLC_BA(cic)		
7		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB -----IAM-----> -----IAM----->					

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### Test Case Dynamic Behaviour

#### Detailed Comments : ...

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<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
-----REL-----> -----REL----->
                      <-----RLC-----

```

1. The stimulus REL contains Cause indicators with the Cause value set to a spare value:

classes 000,001: 0, 10–15, 24–25  
 class 010: 32–33, 35–37, 45  
 class 011: 48, 51–52, 54, 56, 59–61  
 class 100: 64, 67–68, 71–78  
 class 101: 80, 89, 92–94  
 class 110: 104–109  
 class 111: 112–126

2. The received REL contains in the Cause value field of the Cause indicators:

classes 000,001: 31  
 class 010: 47  
 class 011: 63  
 class 100: 79  
 class 101: 95  
 class 110: 111  
 class 111: 127

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_1_1 <b>Group</b> : NCS/BWCS/ <b>Purpose</b> : To verify that the IUT can initiate an outgoing call on a circuit capable of bothway operation when the IUT is the controlling SP. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Both way circuit selection SUBTITLE: IAM sent by controlling SP REFERENCE: 2.1/Q.764 2.9.1.4 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		+Verify_Controlling_IUT			2.
5		LAB! S_ACM	ACM_BA(cic)		
6		+Check_ringing_tone_BA			
7		LAB! S_ANM	ANM_BA(cic)		
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
11		Verify_Controlling_IUT (TCV_cic:=BIT_TO_INT(cic))			
12		(TCV_A:=BIT_TO_INT(TSP_SPA_R))			
13		(TCV_B:=BIT_TO_INT(TSP_SPB))			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		[TCV_A>TCV_B]			
15		[TCV_cic MOD 2=0]		(P)	2.
16		[TCV_cic MOD 2=1]		(I)	
17		[TCV_A<TCV_B]			
18		[TCV_cic MOD 2=0]		(I)	2.
19		[TCV_cic MOD 2=1]		(P)	
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> -----setup-----&gt; -----IAM-----&gt; &lt;-----alerting ----- &lt;-----ACM----- .....ringing tone ..... &lt;----answer----- &lt;-----ANM----- .....communication..... &lt;----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> <p>1. The left side will initiate call setup.  2. Pass when normal behaviour is observed and it is verified that the IUT is the controlling exchange of this CIC.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_1_2 <b>Group</b> : NCS/BWCS/ <b>Purpose</b> : To verify that IUT can initiate an outgoing call on a circuit capable of bothway operation when the IUT is the non-controlling SP. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Both way circuit selection SUBTITLE: IAM sent by non-controlling SP REFERENCE: 2.1/Q.764 2.9.1.4 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Block_non_controlling			1.
3		+G_initiate_setup			
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		2.
5		+Verify_non_Controlling_IUT			3.
6		+S_ACM_etc_BA			
7		+Unblock_non_controlling			4.
8		Block_non_controlling (cic:=TSP_GrpCIC)			5.
9		LAB! S_CGB (S_CGB.isup_pdu.RngSts.Range:= TSP_GrpRange_non_cont, S_CGB.isup_pdu.RngSts.Status:= TSP_Status_non_cont)	CGB_BA_MO(cic)		
10		LAB? R_CGBA	CGBA_AB_MO(cic)		
11		MNT? MNT_IND	ALERT_MNT		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
12		Unblock_non_controlling			
13		(cic:=TSP_GrpCIC)			
14		LAB! S_CGU (S_CGU.isup_pdu.RngSts.Range:=	CGU_BA_MO(cic)		
15		TSP_GrpRange_non_cont, S_CGU.isup_pdu.RngSts.Status:=			
16		TSP_Status_non_cont)			
17		LAB? R_CGUA	CGUA_AB_MO(cic)		
18		MNT? MNT_IND	ALERT_MNT		
19		Verify_non_Controlling_IUT			
20		(TCV_cic:=BIT_TO_INT(cic))			
21		(TCV_A:=BIT_TO_INT(TSP_SPA_R))			
22		(TCV_B:=BIT_TO_INT(TSP_SPB))			
23		[TCV_A>TCV_B]			
24		[TCV_cic MOD 2=0]		(I)	
		[TCV_cic MOD 2=1]		(P)	
		[TCV_A<TCV_B]			
		[TCV_cic MOD 2=0]		(P)	
		[TCV_cic MOD 2=1]		(I)	
<b>Detailed Comments :</b> SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting -----<-----ACM----- .....ringing tone ..... <-----answer-----<-----ANM----- .....communication..... <-----release-----<-----REL-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

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1. Perform preamble so that the IUT is forced to use non-controlling cic.
  2. The IUT is capable of two-way operation when IAM has been received on the expected circuit.
  3. Verify that the IUT is the non-controlling SP.
  4. Remove enforced pre-test condition.
  5. TSP\_GrpCIC has to be 1.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_2_1_a <b>Group</b> : NCS/CAS/ <b>Purpose</b> : To verify that a call can be successfully established (all digits included in the outgoing IAM) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Called address sending SUBTITLE: "en bloc" operation REFERENCE: 2.1.1, 2.1.4, 2.1.7, 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		2.
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			
8		+G_Release_call			
9		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM----- .....ringing tone ..... <-----answer----- <-----ANM----- .....communication..... <-----release----- <-----REL----- -----RLC----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The left side will initiate a call setup.
2. All digits are included in the IAM.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_2_1_b <b>Group</b> : NCS/CAS/ <b>Purpose</b> : To verify that a call can be successfully established (all digits included in the incoming IAM) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Called address sending SUBTITLE: "en bloc" operation REFERENCE: 2.1.1, 2.1.4, 2.1.7, 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_assist_setup			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)	(P)	1.
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone ..... -----answer-----> -----ANM-----> .....communication..... <-----release-----<-----REL-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

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1. The IUT receives all digits "en bloc" in the IAM.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_2_2_a <b>Group</b> : NCS/CAS/ <b>Purpose</b> : To verify that the IUT can initiate a call using an IAM followed by a SAM <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Called address sending SUBTITLE: overlap operation (with SAM) REFERENCE: 2.1.1, 2.1.4, 2.1.7, 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_2_2_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_CdPN_PART		
4		LAB? R_SAM	SAM_AB(cic)	(P)	1.
5		+S_ACM_etc_BA			
6		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_CdPN_COMPL		2.
7		+S_ACM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> -----setup-----> -----SAM-----> <-----alerting ----- <-----ACM----- .....ringing tone ..... <-----answer----- <-----ANM----- .....communication..... <-----release----- <-----REL----- -----RLC----->					
1. Additional digits sent by IUT in SAM. Where SP A is in a position to know by digit analysis that the final digit has					

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Test Case Dynamic Behaviour
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<b>Detailed Comments :</b> ...
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been sent, an end-of-pulsing (ST) signal may be included in the last address message. 2. The IUT may collect the digit in the SAM in one IAM.
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Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_2_2_b <b>Group</b> : NCS/CAS/ <b>Purpose</b> : To verify that the IUT can receive a call using an IAM followed by a SAM <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Called address sending SUBTITLE: overlap operation (with SAM) REFERENCE: 2.1.1, 2.1.4, 2.1.7, 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_2_2_b			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_CdPN_PART(cic )		
5		LAB! S_SAM	SAM_BA(cic)		1.
6		LAB? R_ACM	ACM_AB(cic)	(P)	2.
7		+R_ANM_etc_AB			
<b>Detailed Comments :</b> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: left;"> SPC  &lt;-----setup-----  -----alerting-----&gt;  .....ringing tone .....  -----answer-----&gt;  .....communication.....  &lt;-----release----- </div> <div style="text-align: left;"> SPA  &lt;-----IAM-----  &lt;-----SAM-----  -----ACM-----&gt;  -----ANM-----&gt;  &lt;-----REL-----  -----RLC-----&gt; </div> <div style="text-align: left;"> SPB  </div> </div>					

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Test Case Dynamic Behaviour
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<b>Detailed Comments :</b> ...
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- |  |
|--|
| <ul style="list-style-type: none"><li>1. Additional digits received by IUT in SAM. Where SP A is in a position to know by digit analysis that the final digit has been sent, an end-of-pulsing (ST) signal may be included in the last address message.</li><li>2. Confirmation that all digits have been received by IUT.</li></ul> |
|--|

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_1_a <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using various indications in the address complete message. (Subscr free & ISDN) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with various indications in ACM) REFERENCE: 2.1.4.1 2) b)/ Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_1_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA_BCI(cic,'01'B, '1'B)		2.
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----setup-----&gt; -----IAM-----&gt; &lt;-----alerting ----- &lt;-----ACM----- .....ringing tone ..... &lt;----answer----- &lt;-----ANM----- .....communication..... &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> 1. The left side will initiate a call setup. 2. An ACM with the following BCI indicators is sent to the IUT : Called Party status : FREE '01'B					

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Test Case Dynamic Behaviour	
<b>Detailed Comments :</b> ...	ISDN access indicator : ISDN '1'B

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_1_b <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using various indications in the address complete message. (Subscr free & non-ISDN) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with various indications in ACM) REFERENCE: 2.1.4.1 1) a)/ Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_1_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA_BCI(cic,'01'B, '0'B)		2.
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM----- .....ringing tone ..... <----answer----- <-----ANM----- .....communication..... <-----release----- <-----REL----- -----RLC----->					
1. The stimulus is created generating an outgoing call 2. An ACM with the following indicators is sent to the IUT : Called Party status : FREE '01'B					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments :** ...

ISDN access indicator : Non-ISDN '0'B

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_1_c <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using various indications in the address complete message. (No indication & ISDN) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with various indications in ACM) REFERENCE: 2.1.4.1 2) a)/ Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_1_c			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA_BCI(cic,'01'B, '1'B)		2.
5		+Delay			
6		LAB! S_ANM	ANM_BA(cic)		
7		+S_REL_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM----- .....ringing tone ..... <----answer----- <-----ANM----- .....communication..... <-----release----- <-----REL----- -----RLC----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The stimulus is created generating an outgoing call
2. An ACM with the following BCI indicators is sent to the IUT :
  - Called Party status : No Indication '00'B
  - ISDN access indicator : ISDN '1'B



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_1_d <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using various indications in the address complete message. (No indication & non-ISDN) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with various indications in ACM) REFERENCE: 2.1.4.1 2) a)/ Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_1_d			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA_BCI(cic,'00'B, '0'B)		2.
5		+Delay			
6		LAB! S_ANM	ANM_BA(cic)		
7		+S_REL_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM----- .....ringing tone ..... <----answer----- <-----ANM----- .....communication..... <-----release----- <-----REL----- -----RLC----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The stimulus is created generating an outgoing call
2. An ACM with the following BCI indicators is sent to the IUT :
  - Called Party status : No Indication '00'B
  - ISDN access indicator : Non-ISDN '0'B

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_1_e <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using various indications in the address complete message. (subscr free & ISDN) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with various indications in ACM) REFERENCE: 2.1.4.1 2) b)/ Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_1_e			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB_BCI(cic,'01'B, '1'B)	(P)	2.
6		+R_ANM_etc_AB			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup----- <-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone ..... -----answer-----> -----ANM-----> .....communication..... <-----release----- <-----REL----- -----RLC----->					
<hr/> 1. The left side will assist the call setup.					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

2. An ACM with the following BCI indicators is received from the IUT :  
    Called Party status : FREE '01'B  
    ISDN access indicator : ISDN '1'B

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_1_f <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using various indications in the address complete message. (subscr free & non-ISDN) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with various indications in ACM) REFERENCE: 2.1.4.1 1) a)/ Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_1_f			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB_BCI(cic,'01'B, '0'B)	(P)	2.
6		+R_ANM_etc_AB			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone ..... -----answer-----> -----ANM-----> .....communication..... <-----release-----<-----REL----- -----RLC----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The left side expecting an incoming call is created
2. An ACM with the following BCI indicators is received from the IUT :  
    Called Party status : FREE '01'B  
    ISDN access indicator : Non-ISDN '0'B

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_1_g <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using various indications in the address complete message. (No indication & ISDN) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with various indications in ACM) REFERENCE: 2.1.4.1 2) a)/ Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_1_g			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB_BCI(cic,'00'B, '1'B)	(P)	2.
6		LAB? R_ANM	ANM_AB(cic)		
7		+S_REL_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone ..... -----answer-----> -----ANM-----> .....communication..... <-----release-----<-----REL----- -----RLC----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The left side expecting an incoming call is created
2. An ACM with the following BCI indicators is received from the IUT :  
    Called Party status : No Indication '00'B  
    ISDN access indicator : ISDN '1'B



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_1_h <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using various indications in the address complete message. (No indication & non_ISDN) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with various indications in ACM) REFERENCE: 2.1.4.1 1) b)/ Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_1_h			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB_BCI(cic,'00'B, '0'B)	(P)	2.
6		LAB? R_ANM	ANM_AB(cic)		
7		+S_REL_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone ..... -----answer-----> -----ANM-----> .....communication..... <-----release-----<-----REL----- -----RLC----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The left side expecting an incoming call is created
2. An ACM with the following BCI indicators is received from the IUT :  
    Called Party status : No Indication '00'B  
    ISDN access indicator : Non-ISDN '0'B

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_2\_3\_2\_a

**Group** : NCS/SCS/

**Purpose** : To verify that a call can be successfully completed using an address complete message, a call progress message, and an answer message. (CPG alerting)

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Successful Call setup  
 SUBTITLE: Ordinary call (with ACM, CPG, and ANM)  
 REFERENCE: 2.1.5 / Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_2_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.CdPSI:=NoInd)	ACM_BA(cic)		2.
5		LAB! S_CPG	CPG_BA(cic)		3.
6		+S_ANM_etc_BA			

**Detailed Comments** : SPC SPA SPB

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-----setup-----> -----IAM----->
<-----alerting ----- <-----ACM-----
      (no ringing tone)
<----progress ---- <-----CPG-----
      .....ringing tone .....
<----answer----- <-----ANM-----
      .....communication.....
<-----release----- <-----REL-----
                          -----RLC----->

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The stimulus is created generating an outgoing call
2. An ACM with the following BCI indicators is sent to the IUT :  
    Called Party status : No indication
3. A CPG with the Event Indicator = "alerting"

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_2_b <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using an address complete message, a call progress message, and an answer message. (CPG progress) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with ACM, CPG, and ANM) REFERENCE: 2.1.5 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_2_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.CdPSI:=NoInd)	ACM_BA(cic)		2.
5		LAB! S_CPG (S_CPG.isup_pdu.EvInf.EventI:=progress)	CPG_BA(cic)		3.
6		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----setup-----&gt; -----IAM-----&gt; &lt;-----alerting ---- &lt;-----ACM-----                     (no ringing tone) &lt;----progress ---- &lt;-----CPG----- &lt;----answer----- &lt;-----ANM-----                     .....communication..... &lt;----release----- &lt;-----REL-----                     -----RLC-----&gt; </pre> <hr/> 1. The stimulus is created generating an outgoing call					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

2. An ACM with the following BCI indicators is sent to the IUT :  
    Called Party status : No indication
3. A CPG with the Event Indicator = "progress"

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_2_c <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using an address complete message, a call progress message, and an answer message. (CPG in-band info) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with ACM, CPG, and ANM) REFERENCE: 2.1.5 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_2_c			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM (S_ACM.isup_pdu.BCI.CdPSI:=NoInd)	ACM_BA(cic)		2.
5		LAB! S_CPG (S_CPG.isup_pdu.EvInf.EventI:=in_band)	CPG_BA(cic)		3.
6		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----setup-----&gt; -----IAM-----&gt; &lt;-----alerting ---- &lt;-----ACM-----                     (no ringing tone) &lt;----progress ---- &lt;-----CPG----- &lt;----answer----- &lt;-----ANM-----                     .....communication..... &lt;----release----- &lt;-----REL-----                     -----RLC-----&gt; </pre> <hr/> 1. The stimulus is created generating an outgoing call					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

2. An ACM with the following BCI indicators is sent to the IUT :  
    Called Party status : No indication
3. A CPG with the Event Indicator = "In-band information or an appropriate pattern is now available"



## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_2\_3\_2\_d**

Group : NCS/SCS/

<b>Purpose</b>	: To verify that a call can be successfully completed using an address complete message, a call progress message, and an answer message. (CPG alerting)
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**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Successful Call setup SUBTITLE: Ordinary call (with ACM, CPG, and ANM) REFERENCE: 2.1.5 / Q.764
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Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_2_d			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB_BCI(cic,NoInd, TSP_Dest_ISDN_access)		
6		LAB? R_CPG	CPG_AB(cic)	(P)	
7		+R_ANM_etc_AB			
<b>Detailed Comments :</b> SPC                      SPA                      SPB <-----setup----->    <-----IAM-----> -----alerting----->    -----ACM-----> (No ringing tone) ----progress ---->    -----CPG-----> .....ringing tone ..... ----answer----->    -----ANM-----> .....communication..... <-----release----->    <-----REL----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

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1. The left side expecting an incoming call is created
  2. An ACM with the following BCI indicators is received from the IUT :  
    Called Party status : No indication
  3. The CPG with Event Indicator = "alerting" should be received.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_2\_3\_2\_e**

**Group** : NCS/SCS/

<b>Purpose</b>	: To verify that a call can be successfully completed using an address complete message, a call progress message, and an answer message. (CPG progress)
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**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Successful Call setup SUBTITLE: Ordinary call (with ACM, CPG, and ANM) REFERENCE: 2.1.5 / Q.764
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Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_2_e			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB_BCI(cic,NoInd, TSP_Dest_ISDN_access)		
6		LAB? R_CPG [R_CPG.isup_pdu.EvInf.EventI=progress]	CPG_AB(cic)	(P)	3.
7		+R_ANM_etc_AB			

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Detailed Comments :   SPC                      SPA                      SPB
<-----setup-----<-----IAM-----
-----alerting---->-----ACM----->
                    (No ringing tone)
-----progress---->-----CPG----->
-----answer----->-----ANM----->
                .....communication.....
<-----release-----<-----REL-----
                    -----RLC----->

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The left side expecting an incoming call is created
2. An ACM with the following BCI indicators is received from the IUT :  
    Called Party status : No indication
3. The CPG with Event Indicator = "progress" should be received.

## Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_2\_3\_2\_f

**Group** : NCS/SCS/

<b>Purpose</b>	: To verify that a call can be successfully completed using an address complete message, a call progress message, and an answer message. (CPG in-band info)
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**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Successful Call setup SUBTITLE: Ordinary call (with ACM, CPG, and ANM) REFERENCE: 2.1.5 / Q.764
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Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+S_2_3_2_f			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB_BCI(cic,NoInd, TSP_Dest_ISDN_access)		
6		LAB? R_CPG [R_CPG.isup_pdu.EvInf.EventI=in_band]	CPG_AB(cic)	(P)	
7		+R_ANM_etc_AB			
<b>Detailed Comments :</b> SPC                      SPA                      SPB <-----setup----->    <-----IAM-----> -----alerting----->    -----ACM-----> (No ringing tone) -----progress ---->    -----CPG-----> -----answer----->    -----ANM-----> .....communication..... <-----release----->    <-----REL-----> -----RLC----->					

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Test Case Dynamic Behaviour
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<b>Detailed Comments : ...</b>
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| <div><hr/><ol style="list-style-type: none"><li>1. The left side expecting an incoming call is created</li><li>2. An ACM with the following BCI indicators is received from the IUT :<br/>    Called Party status : No indication</li><li>3. The CPG with Event Indicator = "in-band information or an appropriate pattern is now available" should be received.</li></ol></div> |
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Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_3 <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that a call can be successfully completed using the connect message. (indication: subscr free & ISDN) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Ordinary call (with CON) REFERENCE: 2.1.4.1 ii)/ Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_3			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_CON	CON_BA(cic)		2.
5		+S_REL_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----setup-----&gt; -----IAM-----&gt; &lt;----connect ---- &lt;-----CON----- .....communication..... &lt;----release----- &lt;-----REL-----                       -----RLC-----&gt; </pre> <hr/> 1. The stimulus is created generating an outgoing call 2. An CON with the following BCI indicators is sent to the IUT : Called Party status : FREE ISDN access indicator : ISDN					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_4_a <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that the satellite indicator in the initial address message is correctly set. (No satellite already in the connection) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Call switched via satellite. REFERENCE: 2.1.1.2 b)/Q.764 PRE-TEST CONDITIONS: The signalling point data is arranged such that the call is switched via satellite connection.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_4_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_Satl('01' B)	(P)	1.
4		LAB! S_ACM	ACM_BA(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC SPA SPB <pre> -----IAM-----&gt; -----IAM-----&gt; &lt;-----ACM----- &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM----- &lt;-----ANM----- .....communication..... &lt;-----REL----- &lt;-----REL----- -----RLC-----&gt; -----RLC-----&gt; </pre> <hr/> 1. The stimulus is created generating an outgoing call with the Satellite indicator = '00'B.					

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Test Case Dynamic Behaviour
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<b>Detailed Comments :</b> ...
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2. The IUT should increase the satellite indicator to Satellite indicator = '01'B.
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Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_4_b <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that the satellite indicator in the initial address message is correctly set. (1 satellite already in the connection) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Call switched via satellite. REFERENCE: 2.1.1.2 b)/Q.764 PRE-TEST CONDITIONS: The signalling point data is arranged such that the call is switched via satellite connection.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_4_b			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_Satl('10' B)	(P)	1.
4		LAB! S_ACM	ACM_BA(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone ..... <-----ANM----- <-----ANM----- .....communication..... <-----REL----- <-----REL----- -----RLC-----> -----RLC----->					
1. The stimulus is created generating an outgoing call with the Satellite indicator = '01'B. 2. The IUT should increase the satellite indicator to Satellite indicator = '10'B.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_4_c					
<b>Group</b> : NCS/SCS/					
<b>Purpose</b> : To verify that the satellite indicator in the initial address message is correctly set. (2 satellites already in the connection)					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Call switched via satellite. REFERENCE: 2.1.1.2 b)/Q.764 PRE-TEST CONDITIONS: The signalling point data is arranged such that the call is switched via satellite connection.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+S_2_3_4_c			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_Satl('10' B)	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC SPA SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone ..... <-----ANM----- <-----ANM----- .....communication..... <-----REL----- <-----REL----- -----RLC-----> -----RLC----->  <hr/> 1. The stimulus is created generating an outgoing call with the Satellite indicator = '10'B					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

2. The IUT should not increase the satellite indicator to spare value '11'B

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_5_a <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that the circuit blocking and unblocking procedure can be correctly initiated during a call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Blocking and unblocking during a call (initiated) REFERENCE: 2.8.2.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		MNT! MNT_REQ	TRIGGER_BLO(cic)		
8		LAB? R_BLO	BLO_AB(cic)		
9		LAB! S_BLA	BLA_BA(cic)		
10		+Check_communication			
11		+G_Release_call			
12		MNT! MNT_REQ	TRIGGER_UBL(cic)		
13		LAB? R_UBL	UBL_AB(cic)		
14		LAB! S_UBA	UBA_BA(cic)		
15		+Check_circuit_idle(cic)			

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour**

**Detailed Comments :** SPC SPA SPB

```
-----setup-----> -----IAM----->
<-----alerting ----- <-----ACM-----
.....ringing tone .....
<-----answer----- <-----ANM-----
      BLOCK: -----BLO----->
              <-----BLA-----
.....communication.....
<-----release----- <-----REL-----
                      -----RLC----->
      UNBLOCK: -----UBL----->
                  <-----UBA-----
```

---

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_5_b <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that the circuit blocking and unblocking procedure can be correctly initiated after ACM. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Blocking and unblocking during a call (initiated) REFERENCE: 2.8.2.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		MNT! MNT_REQ	TRIGGER_BLO(cic)		
6		LAB? R_BLO	BLO_AB(cic)		
7		LAB! S_BLA	BLA_BA(cic)		
8		+Check_ringing_tone_BA			
9		LAB! S_ANM	ANM_BA(cic)		
10		+Check_communication			
11		+G_Release_call			
12		MNT! MNT_REQ	TRIGGER_UBL(cic)		
13		LAB? R_UBL	UBL_AB(cic)		
14		LAB! S_UBA	UBA_BA(cic)		
15		+Check_circuit_idle(cic)			

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour**

**Detailed Comments :** SPC SPA SPB

```
-----setup-----> -----IAM----->
<-----alerting ----- <-----ACM-----
.....ringing tone .....
      BLOCK: -----BLO----->
              <-----BLA-----
<-----answer----- <-----ANM-----
.....communication.....
<-----release----- <-----REL-----
              -----RLC----->
      UNBLOCK: -----UBL----->
              <-----UBA-----
```

---



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_5_c <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that the circuit blocking and unblocking procedure can be correctly initiated during a call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Blocking and unblocking during a call (initiated) REFERENCE: 2.8.2.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_assist_setup			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)	(P)	2.
8		MNT! MNT_REQ	TRIGGER_BLO(cic)		
9		LAB? R_BLO	BLO_AB(cic)		
10		LAB! S_BLA	BLA_BA(cic)		
11		+Check_communication			
12		+G_Release_call			
13		MNT! MNT_REQ	TRIGGER_UBL(cic)		
14		LAB? R_UBL	UBL_AB(cic)		
15		LAB! S_UBA	UBA_BA(cic)		
16		+Check_circuit_idle(cic)			

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour**

**Detailed Comments :** SPC                      SPA                      SPB

<-----setup----- <-----IAM-----

-----alerting-----> -----ACM----->

.....ringing tone .....

-----answer-----> -----ANM----->

                    BLOCK: -----BLO----->

                                    <-----BLA-----

                    .....communication.....

<-----release----- <-----REL-----

                                    -----RLC----->

                    UNBLOCK: -----UBL----->

                                    <-----UBA-----

---

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_5_d <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that the circuit blocking and unblocking procedure can be correctly initiated after ACM. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Blocking and unblocking during a call (initiated) REFERENCE: 2.8.2.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_assist_setup			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		MNT! MNT_REQ	TRIGGER_BLO(cic)		
7		LAB? R_BLO	BLO_AB(cic)		
8		LAB! S_BLA	BLA_BA(cic)		
9		+do_sync			
10		LAB? R_ANM	ANM_AB(cic)	(P)	2.
11		+Check_communication			
12		+G_Release_call			
13		MNT! MNT_REQ	TRIGGER_UBL(cic)		
14		LAB? R_UBL	UBL_AB(cic)		
15		LAB! S_UBA	UBA_BA(cic)		
16		+Check_circuit_idle(cic)			

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Continued from previous page

Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
17		do_sync			
18		[Interm]			
19		I_CP! CM_GO_AHEAD	CM_go_ahead		
20		[Local]			
		A_CP! CM_GO_AHEAD	CM_go_ahead		
<b>Detailed Comments :</b> SPC                      SPA                      SPB <-----setup----- <-----IAM----- -----alerting-----> -----ACM-----> BLOCK: -----BLO-----> <-----BLA----- .....ringing tone ..... -----answer-----> -----ANM-----> .....communication..... <-----release----- <-----REL----- -----RLC-----> UNBLOCK: -----UBL-----> <-----UBA-----					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_6_a <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that the circuit blocking and unblocking procedure can be correctly received during a call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Blocking and unblocking during a call (received) REFERENCE: 2.8.2.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		LAB! S_BLO	BLO_BA(cic)		
8		LAB? R_BLA	BLA_AB(cic)		
9		+Check_communication			
10		+G_Release_call			
11		LAB! S_UBL	UBL_BA(cic)		
12		LAB? R_UBA	UBA_AB(cic)		
13		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM-----					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```
.....ringing tone .....  
<----answer----- <-----ANM-----  
                        <-----BLO-----  
                        -----BLA----->  
.....communication.....  
<----release----- <-----REL-----  
                        -----RLC----->  
                        <-----UBL-----  
                        -----UBA----->
```

---

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_6_b <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that the circuit blocking and unblocking procedure can be correctly initiated during a call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Blocking and unblocking during a call (received) REFERENCE: 2.8.2.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_BLO	BLO_BA(cic)		
6		LAB? R_BLA	BLA_AB(cic)		
7		+Check_ringing_tone_BA			
8		LAB! S_ANM	ANM_BA(cic)		
9		+Check_communication			
10		+G_Release_call			
11		LAB! S_UBL	UBL_BA(cic)		
12		LAB? R_UBA	UBA_AB(cic)		
13		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```
                <-----BLO-----  
                -----BLA----->  
                .....ringing tone .....  
        <----answer----- <-----ANM-----  
                .....communication.....  
        <----release----- <-----REL-----  
                -----RLC----->  
                <-----UBL-----  
                -----UBA----->
```

---



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_6_c <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that the circuit blocking and unblocking procedure can be correctly initiated during a call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Blocking and unblocking during a call (received) REFERENCE: 2.8.2.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_assist_setup			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		LAB! S_BLO	BLO_BA(cic)		
9		LAB? R_BLA	BLA_AB(cic)		
10		+Check_communication			
11		+G_Release_call			
12		LAB! S_UBL	UBL_BA(cic)		
13		LAB? R_UBA	UBA_AB(cic)		
14		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup----- <-----IAM-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```
-----alerting-----> -----ACM----->
.....ringing tone .....
-----answer-----> -----ANM----->
                        <-----BLO-----
                        -----BLA----->
.....communication.....
<-----release----- <-----REL-----
                        -----RLC----->
                        <-----UBL-----
                        -----UBA----->
```

---

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_3_6_d <b>Group</b> : NCS/SCS/ <b>Purpose</b> : To verify that the circuit blocking and unblocking procedure can be correctly initiated during a call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Blocking and unblocking during a call (received) REFERENCE: 2.8.2.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_3_6			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		LAB! S_BLO	BLO_BA(cic)		
7		LAB? R_BLA	BLA_AB(cic)		1.
8		LAB? R_ANM	ANM_AB(cic)	(P)	
9		+Check_communication			
10		+G_Release_call			
11		LAB! S_UBL	UBL_BA(cic)		
12		LAB? R_UBA	UBA_AB(cic)		
13		+Check_circuit_idle(cic)			
14		LAB? R_ANM	ANM_AB(cic)		1.
15		LAB? R_BLA	BLA_AB(cic)	(P)	
16		+Check_communication			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
17		+G_Release_call			
18		LAB! S_UBL	UBL_BA(cic)		
19		LAB? R_UBA	UBA_AB(cic)		
20		+Check_circuit_idle(cic)			
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> &lt;-----setup----- &lt;-----IAM----- -----alerting----&gt; -----ACM-----&gt;                         &lt;-----BLO-----                         -----BLA-----&gt; .....ringing tone ..... -----answer----&gt; -----ANM-----&gt; .....communication..... &lt;-----release---- &lt;-----REL-----                         -----RLC-----&gt;                         &lt;-----UBL-----                         -----UBA-----&gt; </pre> <hr/> <p>1. Note: BLA and ANM may arrive in any order.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_4_1 <b>Group</b> : NCS/PDDP/ <b>Purpose</b> : To verify that the IUT is able to increase the PDC by the delay value of the outgoing route (D ms). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Propagation delay determination procedure SUBTITLE: IAM sent containing the PDC REFERENCE: 2.6/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_4_1			
3		LAB? R_IAM [R_IAM.isup_pdu.PDC.PDC_field=TSO_INT_TO_OCT(TSP_PDC_X+ TSP_PDC_D)] (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_PDC	(P)	1.
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA_CHInf(cic, TCV_PDC)		
7		+S_REL_etc_BA			
<b>Detailed Comments</b> : SPC SPA SPB <pre> -----IAM-----&gt; -----IAM-----&gt; &lt;-----ACM----- &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM----- &lt;-----ANM----- .....communication..... &lt;-----REL----- &lt;-----REL----- -----RLC-----&gt; -----RLC-----&gt; </pre>					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The stimulus IAM contains an initial propagation delay value of X ms.
2. The received IAM should contain a propagation delay value increased by D ms.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_4_2 <b>Group</b> : NCS/PDDP/ <b>Purpose</b> : To verify that a call can be successfully completed and the value of the CHInf is higher than the value of the PDC <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Propagation delay determination procedure SUBTITLE: SP supporting the procedure to SP supporting the procedure. Sending of call history information REFERENCE: 2.6/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_4_2			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC, TCV_PDC:=R_IAM.isup_pdu.PDC.PDC_field)	IAM_AB_PDC		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_AB			
6		LAB! S_ANM	ANM_BA_CHInf(cic, TCV_PDC)		2.
7		+S_REL_etc_BA			
8		+G_Verdict_Left_PTC			3.
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone ..... <-----ANM----- <-----ANM----- .....communication..... <-----REL----- <-----REL-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----> -----RLC----->

- 
1. Initiate call setup
  2. Sends Answer message with a propagation delay counter given from a Test Suite Parameter and sends this to the IUT. The corresponding parameter compatability information for the Call History Information is also included in the ANM.
  3. Was the behaviour at the stimulus side as expected?



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_4_3_a <b>Group</b> : NCS/PDDP/ <b>Purpose</b> : To verify that a call can be successfully completed and the PDC is generated in the IUT. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Propagation delay determination procedure SUBTITLE: Abnormal procedures, PDC not received REFERENCE: 2.6/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_4_3_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_PDC	(P)	2.
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_AB			
6		LAB! S_ANM	ANM_BA_CHInf(cic, TSO_INT_TO_OCT(TSP_P DC_D))		
7		+R_REL_etc_AC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting -----<-----ACM----- .....ringing tone ..... <-----answer-----<-----ANM----- .....communication..... <-----release-----<-----REL----- -----RLC----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The IUT is expected NOT to receive any propagation delay information from the stimulus.
2. A PDC has to be generated on the outgoing route.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_2_4_3_b <b>Group</b> : NCS/PDDP/ <b>Purpose</b> : Check that the IUT conveys the Call history information correctly. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Propagation delay determination procedure SUBTITLE: Abnormal procedures, CHInf not received REFERENCE: 2.6/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_2_4_3_b			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_AB			
6		LAB! S_ANM	ANM_BA(cic)		1.
7		+S_REL_etc_BA			
8		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM----- .....ringing tone ..... <-----answer----- <-----ANM----- .....communication..... <-----release----- <-----REL----- -----RLC----->					
<hr/> 1. The IUT shall NOT send the call history information.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_3_1_a <b>Group</b> : NCR/ <b>Purpose</b> : To verify that the calling party can successfully release a call prior to receipt of any backward message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Calling party clears before address complete, outgoing call REFERENCE: 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_3_1_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB? R_REL	REL_AB(cic)		2.
5		LAB! S_RLC	RLC_BA(cic)		
6		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----setup-----&gt; -----IAM-----&gt; -----release-----&gt; -----REL-----&gt;                         &lt;-----RLC----- </pre> <hr/> 1. The left side will initiate a call setup. 2. The calling party will release the call.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_3_1_b <b>Group</b> : NCR/ <b>Purpose</b> : To verify that the calling party can successfully release a call prior to receipt of any backward message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Calling party clears before address complete, incoming call REFERENCE: 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_3_1_b			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		+Delay			
6		LAB! S_REL	REL_BA(cic)		2.
7		LAB? R_RLC	RLC_AB(cic)		
8		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <----setup----- <----IAM----- <----release----- <----REL----- -----RLC----->					
<hr/> 1. The left side will assist the call setup. 2. The calling party releases the call.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_3_2_a <b>Group</b> : NCR/ <b>Purpose</b> : To verify that the calling party can successfully release a call prior to receipt of answer. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Calling party clears before answer, outgoing call REFERENCE: 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_3_2_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB? R_REL	REL_AB(cic)		2.
7		LAB! S_RLC	RLC_BA(cic)		
8		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----setup-----&gt; -----IAM-----&gt; &lt;-----alerting ----- &lt;-----ACM----- .....ringing tone ..... -----release-----&gt; -----REL-----&gt;                         &lt;-----RLC----- </pre> <hr/> 1. The left side will initiate a call setup. 2. The calling party will release the call.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_3_2_b <b>Group</b> : NCR/ <b>Purpose</b> : To verify that the calling party can successfully release a call prior to receipt of answer. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Calling party clears before answer, incoming call REFERENCE: 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_3_2_b			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB! S_REL	REL_BA(cic)		2.
8		LAB? R_RLC	RLC_AB(cic)		
9		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup----- <-----IAM-----> -----alerting -----> -----ACM-----> .....ringing tone ..... <-----release----- <-----REL----- -----RLC----->					
1. The left side will assist the call setup. 2. The calling party releases the call.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_3_3_a <b>Group</b> : NCR/ <b>Purpose</b> : To verify that the calling party can successfully release a call after answer. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Calling party clears after answer, outgoing call REFERENCE: 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_3_3_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			
8		LAB? R_REL	REL_AB(cic)		2.
9		LAB! S_RLC	RLC_BA(cic)		
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM----- .....ringing tone ..... <-----answer----- <-----ANM----- .....communication..... -----release-----> -----REL----->					

Continued on next page



*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

&lt;-----RLC-----

- 
1. The left side will initiate a call setup.
  2. The calling party will release the call.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_3_3_b <b>Group</b> : NCR/ <b>Purpose</b> : To verify that the calling party can successfully release a call after answer. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Calling party clears after answer, incoming call REFERENCE: 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_3_3_b			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		LAB! S_REL	REL_BA(cic)		2.
10		LAB? R_RLC	RLC_AB(cic)		
11		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM-----> -----alerting-----> -----ACM-----> .....ringing tone ..... -----answer-----> -----ANM-----> .....communication.....					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

<-----release----- <-----REL-----  
-----RLC----->

- 
1. The left side will assist the call setup.
  2. The calling party releases the call.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_3_4_a <b>Group</b> : NCR/ <b>Purpose</b> : To verify that a call can be successfully released in the backward direction. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Called party clears after answer, outgoing call REFERENCE: 2.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_3_4_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			
8		LAB! S_REL	REL_BA(cic)		2.
9		LAB? R_RLC	RLC_AB(cic)		
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB -----setup-----> -----IAM-----> <----alerting ----<-----ACM----- .....ringing tone ..... <----answer-----<-----ANM----- .....communication..... <----release-----<-----REL-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

- 
1. The left side will initiate a call setup.
  2. The called party will release the call.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_3\_4\_b**

Group : NCR/

**Purpose** : To verify that a call can be successfully released in the backward direction.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Normal call release SUBTITLE: Called party clears after answer, incoming call REFERENCE: 2.3 / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_3_4_b			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		LAB? R_REL	REL_AB(cic)		2.
10		LAB! S_RLC	RLC_BA(cic)		
11		+Check_circuit_idle(cic)			
<b>Detailed Comments :</b> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div>SPC</div> <div>SPA</div> <div>SPB</div> </div> <pre> &lt;-----setup-----&lt;-----IAM-----&gt; -----alerting-----&gt; -----ACM-----&gt; .....ringing tone ..... -----answer-----&gt; -----ANM-----&gt; .....communication..... </pre>					

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## Test Case Dynamic Behaviour

**Detailed Comments : ...**

```

-----release-----> -----REL----->
                        <-----RLC-----

```

1. The left side will assist the call setup.
2. The called party releases the call.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_3_5_a <b>Group</b> : NCR/ <b>Purpose</b> : To verify that the called subscriber can successfully clear back and reanswer the call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Suspend initiated by the network, outgoing call REFERENCE: 2.4 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_3_5_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			
8		LAB! S_SUS	SUS_BA(cic)		2.
9		LAB! S_RES	RES_BA(cic)		3.
10		+Check_communication			
11		LAB? R_REL	REL_AB(cic)		4.
12		LAB! S_RLC	RLC_BA(cic)		
13		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : access SPA SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```
.....ringing tone .....  
<-----answer----- <-----ANM-----  
.....communication.....  
<----suspend----- <-----SUS-----  
<-----resume----- <-----RES-----  
.....communication.....  
-----release-----> -----REL----->  
                        <-----RLC-----
```

- 
1. The left side will initiate a call setup.
  2. Communication is cleared by network provided SUS.
  3. Communication will be resumed by network provided RES.
  4. The calling party will release the call.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_3_5_b <b>Group</b> : NCR/ <b>Purpose</b> : To verify that the called subscriber can successfully clear back and reanswer the call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Suspend initiated by the network, incoming call REFERENCE: 2.4 / Q.764 PRE-TEST CONDITIONS: Arrange the data in the IUT such that a network initiated Suspend message can be triggered by SPC.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_3_5_b			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			
8		LAB! S_SUS	SUS_BA(cic)		2.
9		LAB! S_RES	RES_BA(cic)		3.
10		+Check_communication			
11		LAB? R_REL	REL_AB(cic)		4.
12		LAB! S_RLC	RLC_BA(cic)		
13		+Check_circuit_idle(cic)			

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### Test Case Dynamic Behaviour

**Detailed Comments :** SPC SPA SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----SUS----- <-----SUS-----
<-----RES----- <-----RES-----
.....communication.....
-----REL-----> -----REL----->
<-----RLC----- <-----RLC-----

```

- 
1. The left side will initiate the call setup.
  2. Communication is cleared back by network provided SUS.
  3. Communication is resumed by network provided RES.
  4. The calling party releases the call.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_3_8					
<b>Group</b> : NCR/					
<b>Purpose</b> : To verify that a release message may be received at an exchange from a succeeding or preceding exchange after the release of the switch path is initiated.					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: Normal call release SUBTITLE: Collision of REL messages REFERENCE: 2.3.1 e) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+S_3_8			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		2.
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			
8		LAB? R_REL	REL_AB(cic)		
9		LAB! S_REL	REL_BA(cic)		
10		LAB? R_RLC	RLC_AB(cic)		
11		LAB! S_RLC	RLC_BA(cic)		
12		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM----- .....ringing tone .....					

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### Test Case Dynamic Behaviour

**Detailed Comments : ...**

```
<----answer----- <-----ANM-----  
.....communication.....  
-----release----> -----REL----->  
                    <-----REL-----  
                    -----RLC----->  
                    <-----RLC-----
```

- 
1. The left side will initiate a call setup.
  2. The calling and called parties will release the call at the same time.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_4_1_a <b>Group</b> : UCS/ <b>Purpose</b> : To verify that the call will be immediately released by the outgoing signalling point, if a release message with a given cause is received and the correct indication is given to the calling party. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Validate a set of known causes for release REFERENCE: 2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_CauseV:=TSO_INT_TO_BIT_7(28))			
3		+S_4_1_a			1.
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
5		LAB! S_REL	REL_BA_Cause_xx(cic, TCV_CauseV)		2.
6		LAB? R_RLC	RLC_AB(cic)		
7		+Check_circuit_idle(cic)			
8		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----setup-----&gt; -----IAM-----&gt; &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> 1. The left side will initiate a call setup. 2. The outgoing SP B will release the call with a given cause.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_4_1_b <b>Group</b> : UCS/ <b>Purpose</b> : To verify that the call will be immediately released by the outgoing signalling point, if a release message with a given cause is received and the correct indication is given to the calling party. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Normal call release SUBTITLE: Validate a set of known causes for release REFERENCE: 2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_CauseV:=TSO_INT_TO_BIT_7(28))			
3		+S_4_1_b			1.
4		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
5		LAB! S_ACM	ACM_BA(cic)		
6		+Delay			
7		LAB! S_REL	REL_BA_Cause_xx(cic, TCV_CauseV)		2.
8		LAB? R_RLC	RLC_AB(cic)		
9		+Check_circuit_idle(cic)			
10		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM----- <-----release----- <-----REL----- -----RLC----->					

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Test Case Dynamic Behaviour
<b>Detailed Comments :</b> ... <hr/> <ul style="list-style-type: none"><li>1. The left side will initiate a call setup.</li><li>2. The outgoing SP B will release the call with a given cause.</li></ul>



## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_5\_1**

**Group** : AS/

<b>Purpose</b>	: To verify that, if the SP is unable to return a circuit to the idle condition in response to a release message, the circuit will be blocked.
----------------	--

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Abnormal situations during a call SUBTITLE: Inability to release in response to a REL after ANM REFERENCE: 2.9.8.1 / Q.764 PRE-TEST CONDITIONS: Arrange the data in SP A such that it is unable to return the circuit to the idle condition in response to a release message.
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_5_1			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		LAB! S_REL	REL_BA(cic)		
10		LAB? R_BLO	BLO_AB(cic)		2.
11		MNT? MNT_IND	ALERT_MNT	(P)	3.
12		+Send_BLA_and_rcv_RLC			
		Send_BLA_and_rcv_RLC			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		LAB! S_BLA	BLA_BA(cic)		
14		LAB? R_RLC	RLC_AB(cic)		
15		+Check_circuit_blocked_BA(cic)			
16		+Unblock_circuit_AB(cic)			
17		+Check_circuit_idle(cic)			
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> &lt;-----setup----- &lt;-----IAM----- -----alerting ----&gt; -----ACM-----&gt; .....ringing tone ..... -----answer-----&gt; -----ANM-----&gt; .....communication..... &lt;-----release----- &lt;-----REL-----                         -----BLO-----&gt;                         &lt;-----BLA-----                         -----RLC-----&gt; </pre> <hr/> <p>1. The left side will assist the call setup.  2. The circuit is locally blocked by the IUT.  3. Maintenance should be informed of the inability to return the circuit to the idle condition.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_5_2_1 <b>Group</b> : AS/T/ <b>Purpose</b> : To check that at the expiry of T7 the circuit will be released <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Timers SUBTITLE: T7: waiting for ACM or CON REFERENCE: 2.9.8.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_7		(P)	
2		+S_5_2_1			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC) START T7min, START T7max	IAM_AB		
4		+Receive_REL			
5		+Check_circuit_idle(cic)			
		Receive_REL			
6		?TIMEOUT T7min			
7		LAB? R_REL CANCEL T7max	REL_AB(cic)		
8		LAB! S_RLC	RLC_BA(cic)		
9		+G_Verdict_Left_PTC			1.
10		?TIMEOUT T7max			
11		LAB! S_REL	REL_BA(cic)		
12		LAB? R_RLC	RLC_AB(cic)	(F)	

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		LAB? R_REL CANCEL T7min, CANCEL T7max	REL_AB(cic)		
14		LAB! S_RLC	RLC_BA(cic)	(F)	
<p><b>Detailed Comments :</b> SPC SPA SPB</p> <pre>       stimulus-----&gt; -----IAM-----&gt;                 T7               &lt;-----release-----REL-----&gt;                         &lt;-----RLC----- </pre> <p>1. Waits for the "left"</p> <p>PTC to complete and gets the verdict from it.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_5_2_2 <b>Group</b> : AS/T/ <b>Purpose</b> : To verify that, if an answer message is not received within T9 after receiving an address complete message, the connection is released by the outgoing signalling point. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Timers SUBTITLE: T9: waiting for ANM REFERENCE: 2.9.8.3 a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_9		(P)	1.
2		+S_5_2_2			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM START T9min, START T9max	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		+Receive_REL			
7		+Check_circuit_idle(cic)			
		Receive_REL			
8		?TIMEOUT T9min			
9		LAB? R_REL CANCEL T9max	REL_AB(cic)		
10		LAB! S_RLC	RLC_BA(cic)		
11		+G_Verdict_Left_PTC			
12		?TIMEOUT T9max			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		LAB! S_REL	REL_BA(cic)		
14		LAB? R_RLC	RLC_AB(cic)	(F)	
15		LAB? R_REL CANCEL T9min, CANCEL T9max	REL_AB(cic)		
16		LAB! S_RLC	RLC_BA(cic)	(F)	
<p><b>Detailed Comments :</b> SPC SPA SPB</p> <pre>       stimulus-----&gt; -----IAM-----&gt;       &lt;-----alerting----- &lt;-----ACM-----       ..... .Ringing tone.....                               T9                       &lt;-----release-----REL-----&gt;                       &lt;-----RLC----- </pre> <hr/> <p>1. Waits for the "left" PTC to complete and gets the verdict from it.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_5_2_3 <b>Group</b> : AS/T/ <b>Purpose</b> : To verify that appropriate actions take place at the expiry of timers T1 and T5. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Timers SUBTITLE: T1 and T5: failure to receive a RLC REFERENCE: 2.2 and 2.9.6/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_5		(P)	1.
2		+S_5_2_3			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		LAB? R_REL (OVER:=FALSE) START T5min, START T5max, START T1min, START T1max	REL_AB(cic)		
10		REPEAT Receive_REL UNTIL [OVER]			
11		LAB! S_RLC	RLC_BA(cic)		
12		+G_Verdict_Left_PTC			
13		+Check_circuit_idle(cic)			
		Receive_REL			

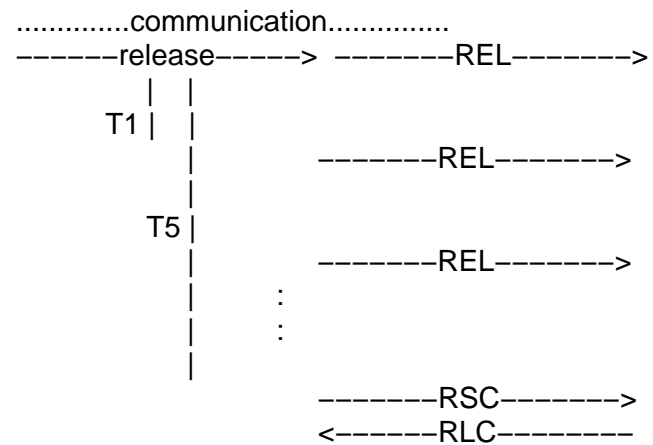
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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		?TIMEOUT T1min	REL_AB(cic)	(F)	
15		LAB? R_REL CANCEL T1max, START T1min, START T1max			
16		?TIMEOUT T1max (OVER:=TRUE) CANCEL T5min, CANCEL T5max			
17		?TIMEOUT T5min (OVER:=TRUE) CANCEL T1min, CANCEL T1max			
18		+Receive_RSC			
19		?TIMEOUT T5min (OVER:=TRUE) CANCEL T1min, CANCEL T1max	RSC_AB(cic)	(P)	2.
20		+Receive_RSC Receive_RSC			
21		LAB? R_RSC CANCEL T5max			
22		MNT? MNT_IND			
23		MNT? MNT_IND CANCEL T5max			
24		LAB? R_RSC	RSC_AB(cic)	(P)	2.
25		?TIMEOUT T5max		(F)	
<div>Detailed Comments : SPC SPA SPB</div> <div>&lt;-----stimulus----- &lt;-----IAM-----</div> <div>-----alerting-----&gt; -----ACM-----&gt;</div> <div>.....ringing tone.....</div> <div>-----answer-----&gt; -----ANM-----&gt;</div>					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1.  $T1_{max} > T1_{min}$  and  $T5_{max} > T5_{min}$ .
2. The IUT resets the circuit.
3. Maintenance is alerted.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_5_2_4 <b>Group</b> : AS/T/ <b>Purpose</b> : To verify that the call is released at the expiry of timer T6. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Timers SUBTITLE: T6: waiting for RES (network) REFERENCE: 2.4.1.3, 2.4.2.3, 2.4.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_6		(P)	
2		+S_5_2_4			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			
8		LAB! S_SUS START T6min, START T6max	SUS_BA(cic)		
9		+Receive_REL			
10		+Check_circuit_idle(cic)			
		Receive_REL			
11		?TIMEOUT T6min			
12		LAB? R_REL CANCEL T6max	REL_AB(cic)		
13		LAB! S_RLC	RLC_BA(cic)		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		+G_Verdict_Left_PTC			1.
15		?TIMEOUT T6max			
16		LAB! S_REL	REL_BA(cic)		
17		LAB? R_RLC	RLC_AB(cic)	(F)	
18		LAB? R_REL	REL_AB(cic)		
		CANCEL T6min, CANCEL T6max			
19		LAB! S_RLC	RLC_BA(cic)	(F)	
<p><b>Detailed Comments :</b> SPC SPA SPB</p> <pre> -----stimulus-----&gt; -----IAM-----&gt; &lt;-----alerting-----&lt;-----ACM----- .....ringing tone..... &lt;-----answer-----&lt;-----ANM----- .....communication..... &lt;-----suspen-----&lt;-----SUS-----                 T6         &lt;-----release-----&lt;-----REL-----&gt;                         &lt;-----RLC----- </pre> <hr/> <p>1. Waits for the "left" PTC to complete and gets the verdict from it.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_5_2_5 <b>Group</b> : AS/T/ <b>Purpose</b> : To verify that when the IAM indicates that the continuity check is required or performed on a previous circuit and the COT message is not received within T8, the connection is released by the incoming signalling point. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Timers SUBTITLE: T8: waiting for COT message if applicable REFERENCE: 2.9.8.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_8		(P)	1.
2		+S_5_2_5			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM START T8min, START T8max	IAM_BA_NatCon_CntChl_01(cic)		
5		+Receive_REL			
6		+Check_circuit_idle(cic)			
		Receive_REL			
7		?TIMEOUT T8min			
8		LAB? R_REL CANCEL T8max	REL_AB(cic)		
9		LAB! S_RLC	RLC_BA(cic)		
10		+G_Verdict_Left_PTC			
11		?TIMEOUT T8max			
12		LAB! S_REL	REL_BA(cic)		2.

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		LAB? R_RLC	RLC_AB(cic)	(F)	
14		LAB? R_REL CANCEL T8min, CANCEL T8max	REL_AB(cic)		
15		LAB! S_RLC	RLC_BA(cic)	(F)	
<p><b>Detailed Comments :</b> SPC SPA SPB</p> <pre> &lt;----stimulus----- &lt;-----IAM-----                 T8         &lt;-----release----- &lt;-----REL-----&gt;                         &lt;-----RLC----- </pre> <hr/> <p>1. The IAM states that continuity check is required on this circuit.  2. Waits for the "left" PTC to complete and gets the verdict from it.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_5_2_6 <b>Group</b> : AS/T/ <b>Purpose</b> : To verify that appropriate actions take place at the expiry of timers T12 and T13. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Timers SUBTITLE: T12 and T13: failure to receive a BLA REFERENCE: 2.9.4/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_13		(P)	1.
2		(cic:=TSP_CIC_R)			
3		MNT! MNT_REQ	TRIGGER_BLO(cic)		
4		LAB? R_BLO (OVER:=FALSE) START T12min, START T12max, START T13min, START T13max	BLO_AB(cic)		
5		REPEAT Receive_BLO UNTIL [OVER]			
6		LAB! S_BLA	BLA_BA(cic)		
7		MNT! MNT_REQ	TRIGGER_UBL(cic)		
8		LAB? R_UBL	UBL_AB(cic)		
9		LAB! S_UBA	UBA_BA(cic)		
10		+Check_circuit_idle(cic)			
11		Receive_BLO ?TIMEOUT T12min			
12		LAB? R_BLO CANCEL T12max, START T12min, START T12max	BLO_AB(cic)		

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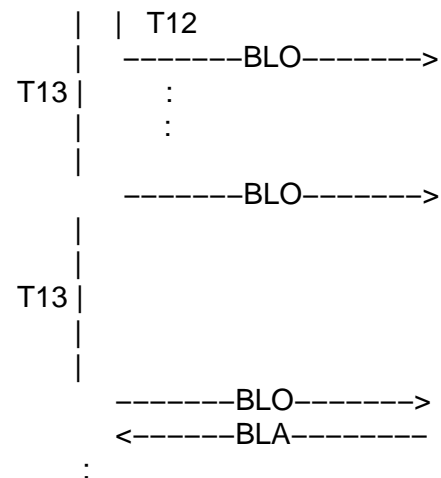
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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		?TIMEOUT T12max (OVER:=TRUE) CANCEL T13min, CANCEL T13max		(F)	
14		?TIMEOUT T13min CANCEL T12min, CANCEL T12max			
15		+Receive_BLO_T13			
16		START T13min, START T13max			
17		?TIMEOUT T13min (OVER:=TRUE)			
18		+Receive_BLO_T13			
19		?TIMEOUT T13min CANCEL T12min, CANCEL T12max			
20		+Receive_BLO_T13			
21		START T13min, START T13max			
22		?TIMEOUT T13min (OVER:=TRUE)			
23		+Receive_BLO_T13 Receive_BLO_T13			
24		LAB? R_BLO CANCEL T13max	BLO_AB(cic)		2.
25		MNT? MNT_IND	ALERT_MNT	(P)	3.
26		MNT? MNT_IND CANCEL T13max	ALERT_MNT		3.
27		LAB? R_BLO	BLO_AB(cic)	(P)	2.
28		?TIMEOUT T13max		(F)	

**Detailed Comments :** SPC SPA SPB

-----BLO----->

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1.  $T12_{max} > T12_{min}$  and  $T13_{max} > T13_{min}$ .
2. The IUT blocks the circuit.
3. Maintenance is alerted.



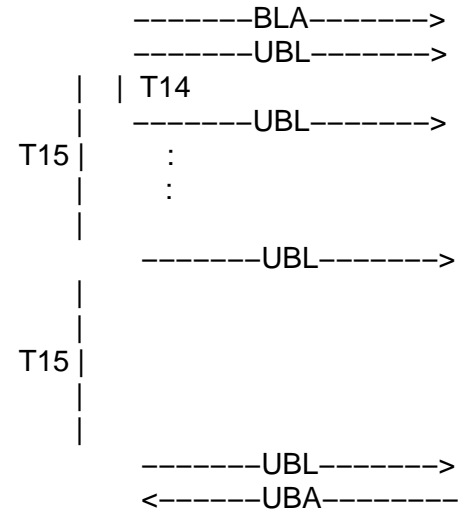
Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_5_2_7 <b>Group</b> : AS/T/ <b>Purpose</b> : To verify that appropriate actions take place at the expiry of timers T14 and T15. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Timers SUBTITLE: T14 and T15: failure to receive a UBA REFERENCE: 2.9.4/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_15		(P)	1.
2		(cic:=TSP_CIC_R)			
3		MNT! MNT_REQ	TRIGGER_BLO(cic)		
4		LAB? R_BLO	BLO_AB(cic)		
5		LAB! S_BLA	BLA_BA(cic)		
6		MNT! MNT_REQ	TRIGGER_UBL(cic)		
7		LAB? R_UBL (OVER:=FALSE) START T14min, START T14max, START T15min, START T15max	UBL_AB(cic)		
8		REPEAT Receive_UBL UNTIL [OVER]			
9		LAB! S_UBA	UBA_BA(cic)		
10		+Check_circuit_idle(cic)			
11		Receive_UBL ?TIMEOUT T14min			
12		LAB? R_UBL CANCEL T14max, START T14min, START T14max	UBL_AB(cic)		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		?TIMEOUT T14max (OVER:=TRUE) CANCEL T15min, CANCEL T15max		(F)	
14		?TIMEOUT T15min CANCEL T14min, CANCEL T14max			
15		+Receive_UBL_T15			
16		START T15min, START T15max			
17		?TIMEOUT T15min (OVER:=TRUE)			
18		+Receive_UBL_T15			
19		?TIMEOUT T15min CANCEL T14min, CANCEL T14max			
20		+Receive_UBL_T15			
21		START T15min, START T15max			
22		?TIMEOUT T15min (OVER:=TRUE)			
23		+Receive_UBL_T15 Receive_UBL_T15			
24		LAB? R_UBL CANCEL T15max	UBL_AB(cic)		2.
25		MNT? MNT_IND	ALERT_MNT	(P)	3.
26		MNT? MNT_IND CANCEL T15max	ALERT_MNT		3.
27		LAB? R_UBL	UBL_AB(cic)	(P)	2.
28		?TIMEOUT T15max		(F)	
<b>Detailed Comments :</b> SPC                      SPA                      SPB -----BLO----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1.  $T14_{max} > T14_{min}$  and  $T15_{max} > T15_{min}$ .
2. The IUT unblocks the circuit.
3. Maintenance is alerted.

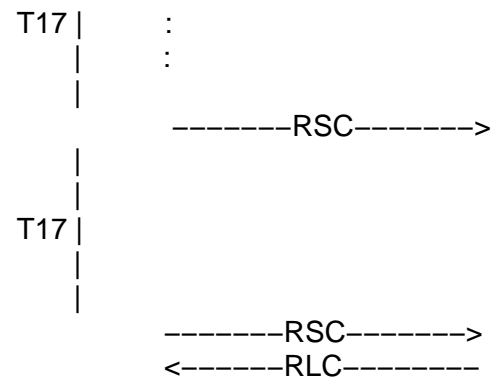
Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_5_2_8 <b>Group</b> : AS/T/ <b>Purpose</b> : To verify that appropriate actions take place at the expiry of timers T16 and T17. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Timers SUBTITLE: T16 and T17: failure to receive a RLC REFERENCE: 2.9.3.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_17		(P)	1.
2		(cic:=TSP_CIC_R)			
3		MNT! MNT_REQ	TRIGGER_RSC(cic)		
4		LAB? R_RSC (OVER:=FALSE) START T16min, START T16max, START T17min, START T17max	RSC_AB(cic)		
5		REPEAT Receive_RSC UNTIL [OVER]			
6		LAB! S_RLC	RLC_BA(cic)		
7		+Check_circuit_idle(cic)			
		Receive_RSC			
8		?TIMEOUT T16min			
9		LAB? R_RSC CANCEL T16max, START T16min, START T16max	RSC_AB(cic)		
10		?TIMEOUT T16max (OVER:=TRUE) CANCEL T17min, CANCEL T17max		(F)	

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
11		?TIMEOUT T17min CANCEL T16min, CANCEL T16max			
12		+Receive_RSC_T17			
13		START T17min, START T17max			
14		?TIMEOUT T17min (OVER:=TRUE)			
15		+Receive_RSC_T17			
16		?TIMEOUT T17min CANCEL T16min, CANCEL T16max			
17		+Receive_RSC_T17			
18		START T17min, START T17max			
19		?TIMEOUT T17min (OVER:=TRUE)			
20		+Receive_RSC_T17			
		Receive_RSC_T17			
21		LAB? R_RSC CANCEL T17max	RSC_AB(cic)		2.
22		MNT? MNT_IND	ALERT_MNT	(P)	3.
23		MNT? MNT_IND CANCEL T17max	ALERT_MNT		3.
24		LAB? R_RSC	RSC_AB(cic)	(P)	2.
25		?TIMEOUT T17max		(F)	
<b>Detailed Comments :</b> SPC                      SPA                      SPB <div style="text-align: center;">       -----RSC-----&gt;              T16            -----RSC-----&gt; </div>					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1.  $T16_{max} > T16_{min}$  and  $T17_{max} > T17_{min}$
2. The IUT resets the circuit.
3. Maintenance is alerted.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_5_2_9 <b>Group</b> : AS/T/ <b>Purpose</b> : To verify that appropriate actions take place at the expiry of timers T18 and T19. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Timers SUBTITLE: T18 and T19: failure to receive a CGBA REFERENCE: 2.9.4/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_19		(P)	1.
2		(cic:=TSP_GrpCIC)			
3		MNT! MNT_REQ	TRIGGER_CGB_MO		
4		LAB? R_CGB (OVER:=FALSE) START T18min, START T18max, START T19min, START T19max	CGB_AB_MO(cic)		
5		REPEAT Receive_CGB UNTIL [OVER]			
6		LAB! S_CGBA	CGBA_BA_MO(cic)		
7		MNT! MNT_REQ	TRIGGER_CGU_MO		
8		LAB? R_CGU	CGU_AB_MO(cic)		
9		LAB! S_CGUA	CGUA_BA_MO(cic)		
10		+Check_all_circuits_idle			
		Receive_CGB			
11		?TIMEOUT T18min			
12		LAB? R_CGB CANCEL T18max, START T18min, START T18max	CGB_AB_MO(cic)		

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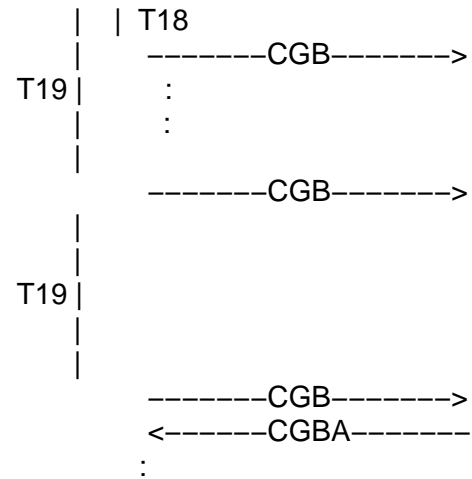
Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		?TIMEOUT T18max (OVER:=TRUE) CANCEL T19min, CANCEL T19max		(F)	
14		?TIMEOUT T19min CANCEL T18min, CANCEL T18max			
15		+Receive_CGB_T19			
16		START T19min, START T19max			
17		?TIMEOUT T19min (OVER:=TRUE)			
18		+Receive_CGB_T19			
19		?TIMEOUT T19min CANCEL T18min, CANCEL T18max			
20		+Receive_CGB_T19			
21		START T19min, START T19max			
22		?TIMEOUT T19min (OVER:=TRUE)			
23		+Receive_CGB_T19 Receive_CGB_T19			
24		LAB? R_CGB CANCEL T19max	CGB_AB_MO(cic)		2.
25		MNT? MNT_IND	ALERT_MNT	(P)	3.
26		MNT? MNT_IND CANCEL T19max	ALERT_MNT		3.
27		LAB? R_CGB	CGB_AB_MO(cic)	(P)	2.
28		?TIMEOUT T19max		(F)	

**Detailed Comments :** SPC SPA SPB

-----CGB----->

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1.  $T18_{max} > T18_{min}$  and  $T19_{max} > T19_{min}$
2. The IUT blocks the circuit group.
3. Maintenance is alerted.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_5_2_10 <b>Group</b> : AS/T/ <b>Purpose</b> : To verify that appropriate actions take place at the expiry of timers T20 and T21. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Timers SUBTITLE: T20 and T21: failure to receive a CGUA REFERENCE: 2.9.4/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_21		(P)	
2		(cic:=TSP_GrpCIC)			
3		MNT! MNT_REQ	TRIGGER_CGB_MO		
4		LAB? R_CGB	CGB_AB_MO(cic)		1.
5		LAB! S_CGBA	CGBA_BA_MO(cic)	(P)	
6		MNT! MNT_REQ	TRIGGER_CGU_MO		
7		LAB? R_CGU (OVER:=FALSE) START T20min, START T20max, START T21min, START T21max	CGU_AB_MO(cic)		1.
8		REPEAT Receive_CGU UNTIL [OVER]			
9		LAB! S_CGUA	CGUA_BA_MO(cic)		
10		+Check_all_circuits_idle			
		Receive_CGU			
11		?TIMEOUT T20min			
12		LAB? R_CGU CANCEL T20max, START T20min, START T20max	CGU_AB_MO(cic)		

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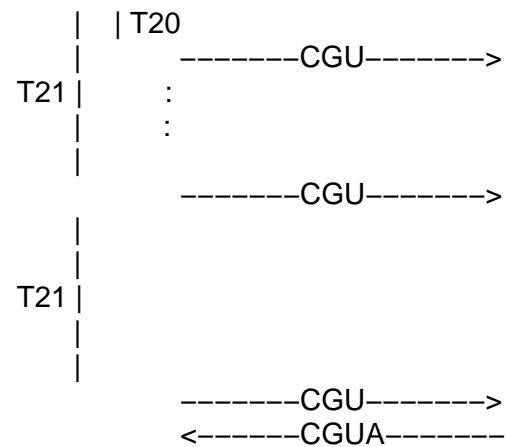
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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		?TIMEOUT T20max (OVER:=TRUE) CANCEL T21min, CANCEL T21max		(F)	
14		?TIMEOUT T21min CANCEL T20min, CANCEL T20max			
15		+Receive_CGU_T21			
16		START T21min, START T21max			
17		?TIMEOUT T21min (OVER:=TRUE)			
18		+Receive_CGU_T21			
19		?TIMEOUT T21min CANCEL T20min, CANCEL T20max			
20		+Receive_CGU_T21			
21		START T21min, START T21max			
22		?TIMEOUT T21min (OVER:=TRUE)			
23		+Receive_CGU_T21			
		Receive_CGU_T21			
24		LAB? R_CGU CANCEL T21max	CGU_AB_MO(cic)		2.
25		MNT? MNT_IND	ALERT_MNT	(P)	3.
26		MNT? MNT_IND CANCEL T21max	ALERT_MNT		3.
27		LAB? R_CGU	CGU_AB_MO(cic)	(P)	2.
28		?TIMEOUT T21max		(F)	

**Detailed Comments :** SPC SPA SPB

-----CGU----->

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1.  $T20_{max} > T20_{min}$  and  $T21_{max} > T21_{min}$
2. The IUT unblocks the circuit group.
3. Maintenance is alerted.

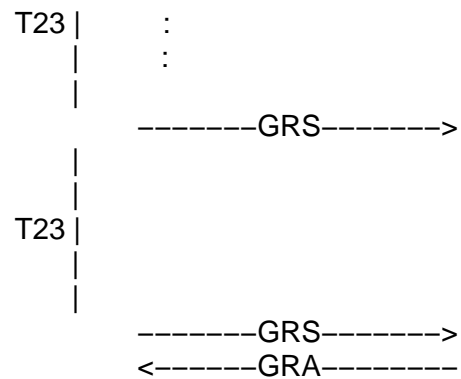
Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_5_2_11 <b>Group</b> : AS/T/ <b>Purpose</b> : To verify that appropriate actions take place at the expiry of timers T22 and T23. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : TITLE: Timers SUBTITLE: T22 and T23: failure to receive a GRA REFERENCE: 2.9.3.2/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_23		(P)	1.
2		(cic:=TSP_GrpCIC)			
3		MNT! MNT_REQ	TRIGGER_GRS		
4		LAB? R_GRS (OVER:=FALSE) START T22min, START T22max, START T23min, START T23max	GRS_AB(cic)		
5		REPEAT Receive_GRS UNTIL [OVER]			
6		LAB! S_GRA	GRA_BA(cic)		
7		+Check_all_circuits_idle			
8		Receive_GRS			
9		?TIMEOUT T22min			
10		LAB? R_GRS CANCEL T22max, START T22min, START T22max ?TIMEOUT T22max (OVER:=TRUE) CANCEL T23min, CANCEL T23max	GRS_AB(cic)	(F)	

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
11		?TIMEOUT T23min CANCEL T22min, CANCEL T22max			
12		+Receive_GRS_T23			
13		START T23min, START T23max			
14		?TIMEOUT T23min (OVER:=TRUE)			
15		+Receive_GRS_T23			
16		?TIMEOUT T23min CANCEL T22min, CANCEL T22max			
17		+Receive_GRS_T23			
18		START T23min, START T23max			
19		?TIMEOUT T23min (OVER:=TRUE)			
20		+Receive_GRS_T23			
		Receive_GRS_T23			
21		LAB? R_GRS CANCEL T23max	GRS_AB(cic)		2.
22		MNT? MNT_IND	ALERT_MNT	(P)	3.
23		MNT? MNT_IND CANCEL T23max	ALERT_MNT		3.
24		LAB? R_GRS	GRS_AB(cic)	(P)	2.
25		?TIMEOUT T23max		(F)	
<b>Detailed Comments :</b> SPC                  SPA                  SPB -----GRS----->     T22   -----GRS----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. T22max > T22min and T23max > T23min
2. The IUT resets the circuit group.
3. Maintenance is alerted.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_5_3_1 <b>Group</b> : AS/RCDC/ <b>Purpose</b> : To verify that on receipt of a RSC message the call is immediately released. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Reset of circuits during a call SUBTITLE: Of an outgoing circuit REFERENCE: 2.9.3.1 a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			
8		LAB! S_RSC	RSC_BA(cic)		2.
9		LAB? R_RLC	RLC_AB(cic)	(P)	
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM----- .....ringing tone ..... <-----answer----- <-----ANM----- .....communication..... <-----release----- <-----RSC-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

- 
1. The left side will initiate a call setup.
  2. The circuit is reset during the call.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_5_3_2 <b>Group</b> : AS/RCDC/ <b>Purpose</b> : To verify that on receipt of a RSC message the call is immediately released. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Reset of circuits during a call SUBTITLE: Of an incoming circuit REFERENCE: 2.9.3.1 a)/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_assist_setup			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		LAB! S_RSC	RSC_BA(cic)		2.
10		LAB? R_RLC	RLC_AB(cic)	(P)	
11		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM-----> -----alerting ----> -----ACM-----> .....ringing tone ..... -----answer-----> -----ANM-----> .....communication.....					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

<-----release----- <-----RSC-----  
-----RLC----->

- 
1. The left side will assist the call setup.
  2. The circuit is reset during the call.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_1_1_a <b>Group</b> : SCS/CCC/ <b>Purpose</b> : To verify that a call can be set up on a circuit requiring a continuity check – outgoing call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Continuity check call SUBTITLE: Continuity check required REFERENCE: 2.1.8 / Q.764 PRE-TEST CONDITIONS: The data in the IUT is arranged so that a continuity check is required on the outgoing circuit.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_CntChl_01		2.
4		(TCV_Close_test_loop := TSO_Close_test_loop(cic))			
5		LAB? R_COT	COT_AB(cic)	(P)	
6		(TCV_Remove_test_loop := TSO_Remove_test_loop(cic))			
7		LAB! S_ACM	ACM_BA(cic)		
8		+Check_ringing_tone_BA			
9		LAB! S_ANM	ANM_BA(cic)		
10		+Check_communication			
11		+G_Release_call			
12		+Check_circuit_idle(cic)			

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Continued from previous page

### Test Case Dynamic Behaviour

Detailed Comments :	SPC	SPA	SPB
	-----setup----->	-----IAM----->	
		-----	
		loop	
		-----	
		-----COT----->	(success)
<-----alerting -----		<-----ACM-----	
.....ringing tone .....			
<-----answer-----		<-----ANM-----	
.....communication.....			
<-----release-----		<-----REL-----	
		-----RLC----->	

- 
1. The left side will initiate a call setup.
  2. Continuity required on this circuit. IAM with Continuity check indicator bits "DC" in Nature of Connection set to "01".(ref Q.762 2.36).

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_6\_1\_1\_b**

**Group** : SCS/CCC/

**Purpose** : To verify that a call can be set up on a circuit requiring a continuity check – incoming call.

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Continuity check call SUBTITLE: Continuity check required REFERENCE: 2.1.8 / Q.764
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_assist_setup_CCR_previous			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_NatCon_CntChl_01(cic)		
5		+Check_COT_tone			1.
6		LAB! S_COT	COT_BA(cic)		
7		LAB? R_ACM	ACM_AB(cic)	(P)	2.
8		+Check_ringing_tone_AB			
9		LAB? R_ANM	ANM_AB(cic)		
10		+Check_communication			3.
11		+G_Release_call			
12		+Check_circuit_idle(cic)			

**Detailed Comments :** SPC SPA SPB  
 <-----setup----- <-----IAM-----  
 .....check tone.....

*Continued on next page*

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```

.....
<-----COT----- <-----COT----- (success)
-----alerting ---> -----ACM----->
.....ringing tone .....
-----answer-----> -----ANM----->
.....communication.....
<-----release----- <-----REL-----
                      -----RLC----->
```

- 
1. The IUT should create a loop.
  2. The IUT received the COT correctly, and sends backward message.
  3. Call is successfully established.

## Test Case Dynamic Behaviour

**Test Case Name : IBC\_V\_6\_1\_2**

**Group** : SCS/CCC/

<b>Purpose</b>	: To verify if a continuity check is being performed on a previous circuit, a backward message is delayed until receipt of the COT message.
----------------	---

**Configuration** : Reversed

**Default** : AnyOtherEventUnexpected

<b>Comments</b>	: TITLE: Continuity check call SUBTITLE: COT applied on a previous circuit REFERENCE: 2.1.8/Q.764 7/Q.724
-----------------	---

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_8			
2		+G_assist_setup_CCR_previous			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM START Twait_less_T8	IAM_BA_NatCon_CntChl_10(cic)		1 2
5		?TIMEOUT Twait_less_T8			
6		LAB! S_COT	COT_BA(cic)		
7		LAB? R_ACM	ACM_AB(cic)	(P)	3.
8		+Check_ringing_tone_AB			
9		LAB? R_ANM	ANM_AB(cic)		
10		+Check_communication			
11		+G_Release_call			
12		+Check_circuit_idle(cic)			
<b>Detailed Comments :</b> SPC                      SPA                      SPB <-----setup-----<-----IAM----- wait					

*Continued on next page*



*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```
<-----COT----- <-----COT----- (success)
-----alerting ---> -----ACM----->
.....ringing tone .....
-----answer----> -----ANM----->
.....communication.....
<-----release----- <-----REL-----
                        -----RLC----->
```

1. Continuity check performed on previous circuit. IAM with Continuity Check Indicator bits "DC" in Nature of Connection set to "10" (ref Q.762 2.36)
2. Wait a time  $T_{wait\_less\_T8}$  which is less than  $T8\_min$  before sending the COT.
3. The IUT should send the ACM only after the COT has been received.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_6\_1\_3\_a

**Group** : SCS/CCC/

**Purpose** : To verify that the calling party can successfully clear the call during the continuity check phase – outgoing call

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Continuity check call  
 SUBTITLE: Calling party clears during a COT  
 REFERENCE: 2.3; 2.1.8 / Q.764  
 PRE-TEST CONDITIONS: Arrange the data in signalling point A such that a continuity check is applied on this call.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_24			
2		+S_6_1_3_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_CntChl_01		2.
4		LAB? R_REL	REL_AB(cic)	(P)	3.
5		LAB! S_RLC	RLC_BA(cic)		
6		+Check_circuit_idle(cic)			

**Detailed Comments** : SPC SPA SPB

```

-----setup-----> -----IAM----->
      ----check tone-----
-----release-----> -----REL----->
                        <-----RLC-----

```

1. The left side will initiate a call setup.

2. Continuity required on this circuit. IAM with Continuity check indicator bits "DC" in Nature of Connection set to "01"(ref Q.762 2.36).

3. The call is released during continuity check phase (before T24 timeout).

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_1_3_b <b>Group</b> : SCS/CCC/ <b>Purpose</b> : To verify that the calling party can successfully clear the call during the continuity check phase – incoming call. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Continuity check call SUBTITLE: Calling party clears during a COT REFERENCE: 2.3; 2.1.8 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_24			
2		+S_6_1_3_b			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM START Twait_less_T24	IAM_BA_NatCon_CntChl_01(cic)		1.
5		?TIMEOUT Twait_less_T24			2.
6		LAB! S_REL	REL_BA(cic)		
7		I_CP! CM_GO_AHEAD	CM_go_ahead		3.
8		LAB? R_RLC	RLC_AB(cic)	(P)	
9		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM----- <-----release-----<-----REL----- -----RLC----->					
1. A call indicating continuity check required is received by the IUT. 2. The call is released from B before T24. 3. In the case the PTC didn't receive any IAM, assure that it ends properly.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_1_4_a <b>Group</b> : SCS/CCC/ <b>Purpose</b> : To verify that the completion of the speech path is delayed until the residual check-tone has propagated through the return of the speech path. Outgoing Call <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Continuity check call SUBTITLE: Delay of through connect REFERENCE: 2.1.8 / Q.764 PRE-TEST CONDITIONS: The data in the IUT is arranged so that a continuity check is required on the outgoing circuit.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_1_4_a			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_CntChl_01		
4		(TCV_Close_test_loop := TSO_Close_test_loop(cic))			
5		+Check_No_ThroughConnection_BA			2.
6		LAB? R_COT	COT_AB(cic)	(P)	
7		(TCV_Remove_test_loop := TSO_Remove_test_loop(cic))			
8		LAB! S_ACM	ACM_BA(cic)		
9		+Check_ringing_tone_BA			
10		LAB! S_ANM	ANM_BA(cic)		
11		+Check_communication			
12		+G_Release_call			
13		+Check_circuit_idle(cic)			

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### Test Case Dynamic Behaviour

Detailed Comments : SPC	SPA	SPB
-----setup----->	-----IAM----->	
	-----	
	loop	
	-----	
	-----COT----->	
<-----alerting -----	<-----ACM-----	
.....ringing tone .....		
<-----answer-----	<-----ANM-----	
.....communication.....		
<-----release-----	<-----REL-----	
	-----RLC----->	

- 
1. The left side will initiate a call setup.
  2. Start listening to the speech circuits to verify that the speech path is not throughconnected in the forward direction before the reception of COT.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_1_4_b <b>Group</b> : SCS/CCC/ <b>Purpose</b> : To verify that the completion of the speech path is delayed until the residual check-tone has propagated through the return of the speech path. Incoming Call <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Continuity check call SUBTITLE: Delay of through-connect REFERENCE: 2.1.8 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_1_4_b			1
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_NatCon_CntChl_01(cic)		
5		+Check_COT_tone			
6		LAB! S_COT	COT_BA(cic)		3.
7		LAB? R_ACM	ACM_AB(cic)	(P)	.
8		+Check_ringing_tone_AB			
9		LAB? R_ANM	ANM_AB(cic)		
10		+Check_communication			
11		+G_Release_call			
12		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup----- <-----IAM----- (nothing to be heard) <---send comm					

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### Test Case Dynamic Behaviour

#### Detailed Comments : ...

```

.....check tone.....
.
.....
<-----COT----- <-----COT----- (success)
-----alerting ----> -----ACM----->
.....ringing tone .....
-----answer-----> -----ANM----->
.....communication.....
<-----release----- <-----REL-----
-----RLC----->

```

- 
1. The left side will expect a call setup.
  2. Start listening to the speech circuits to verify that the speech path is not throughconnected in the forward direction before the reception of COT
  3. COT indicating successful continuity check

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_1_5 <b>Group</b> : SCS/CCC/ <b>Purpose</b> : To verify that a repeat attempt of the continuity check is made on the failed circuit <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Continuity check call SUBTITLE: COT unsuccessful (Continuity check required) REFERENCE: 2.1.8; 2.8.1 iv); Table A.1 / Q.764 PRE-TEST CONDITIONS: The data in the IUT is arranged so that a continuity check is required on the outgoing circuit.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_25			
2		+G_initiate_setup			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_CntChl_01		
4		+Expect_COT_and_IAM_any_order			2.
5		LAB! S_REL	REL_BA(cic2)		
6		LAB? R_RLC	RLC_AB(cic2)	(P)	
7		+C_Await_CCR(cic)			3.
		Expect_COT_and_IAM_any_order			
8		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC)	IAM_AB		
9		LAB? R_COT	COT_AB_FAILED(cic)		
10		LAB? R_COT	COT_AB_FAILED(cic)		
11		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC)	IAM_AB		

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### Test Case Dynamic Behaviour

Detailed Comments : SPC	SPA	SPB	
-----setup-----	> -----IAM-----	> (cic)	
	.....check tone.....		
	T24 <2 seconds		
	-----IAM-----	> (cic2)	See Note 2
	-----COT-----	> (cic) (failed)	See Note 2
<-----release-----	<-----REL-----	(cic2)	
	-----RLC-----	> (cic2)	
	T25 (1..10 secs)		
CCR procedure	-----CCR-----	> (cic)	
	.....check tone.....		
	-----COT-----	> (failed)	
	T24 (2 seconds)		
	-----CCR-----	>	
	.....check tone.....		
	-----COT-----	> (failed)	
	T26 (1..3 min)		
	-----CCR-----	>	
	.....check tone.....		
	-----COT-----	> (failed)	

- 
1. The left side will initiate a call setup.
  2. The repeat attempt IAM may occur before or after the receipt of the COT
  3. For simplicity it is assumed that the repeat attempt occurs and can be released before the IUT sends the CCR. However, this is not a requirement.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_2_1 <b>Group</b> : SCS/ARA/ <b>Purpose</b> : To verify that an automatic repeat attempt will be made on detection of a dual seizure. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Automatic repeat attempt SUBTITLE: Dual seizure for non-controlling SP REFERENCE: 2.8.1 i); 2.9.1.4 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Block_non_controlling			1.
3		+S_6_2_1			2.
4		LAB? R_IAM (cic1:=R_IAM.isup_pdu.CIC, cic:=cic1)	IAM_AB		
5		LAB! S_IAM	IAM_BA(cic1)		3.
6		+Expect_ACM_and_IAM_any_order			4.
7		+Check_ringing_tone_AB			
8		LAB? R_ANM	ANM_AB(cic1)		
9		(cic:=cic2)			
10		LAB! S_ACM	ACM_BA(cic2)		
11		+Check_ringing_tone_BA			
12		LAB! S_ANM	ANM_BA(cic2)		
13		+Continue			
		Continue			
14		+Check_communication			
15		(cic:=cic1)			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
16		+Check_communication			
17		LAB? R_REL	REL_AB(cic)		
18		LAB! S_RLC	RLC_BA(cic)		
19		(cic:=cic2)			
20		LAB? R_REL	REL_AB(cic)		
21		LAB! S_RLC	RLC_BA(cic)		
22		+Check_circuit_idle(cic1)			
23		+Check_circuit_idle(cic2)			
24		+Unblock_non_controlling			
		Block_non_controlling			
25		(cic:=TSP_GrpCIC)			5.
26		LAB! S_CGB (S_CGB.isup_pdu.RngSts.Range:= TSP_GrpRange_non_cont, S_CGB.isup_pdu.RngSts.Status:= TSP_Status_non_cont)	CGB_BA_MO(cic)		
27		LAB? R_CGBA	CGBA_AB_MO(cic)		
28		MNT? MNT_IND	ALERT_MNT		
		Unblock_non_controlling			
29		(cic:=TSP_GrpCIC)			
30		LAB! S_CGU (S_CGU.isup_pdu.RngSts.Range:= TSP_GrpRange_non_cont, S_CGU.isup_pdu.RngSts.Status:= TSP_Status_non_cont)	CGU_BA_MO(cic)		
31		LAB? R_CGUA	CGUA_AB_MO(cic)		
32		MNT? MNT_IND	ALERT_MNT		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
33		Expect_ACM_and_IAM_any_order			
34		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC)	IAM_AB		
35		LAB? R_ACM	ACM_AB(cic1)		
36		LAB? R_ACM	ACM_AB(cic1)		
		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC)	IAM_AB		
<b>Detailed Comments :</b> SPC                      SPA                      SPB -----setup-----> -----IAM-----> (cic1) <-----setup----- <-----IAM----- (cic1) -----IAM*-----> (cic2) See Note 4 -----alerting -----> -----ACM-----> (cic1) See Note 4 .....ringing tone ..... (cic1) -----answer-----> -----ANM-----> (cic1) <-----alerting----- <-----ACM----- (cic2) .....ringing tone ..... (cic2) <-----answer----- <-----ANM----- (cic2) .....communication..... (cic1) .....communication..... (cic2) <-----release----- <-----REL----- (cic1) -----RLC-----> (cic1) <-----release----- <-----REL----- (cic2) -----RLC-----> (cic2)					
<hr/> 1. Preamble to force IUT to use non-controlling CIC. 2. The left side initiates a call setup. 3. Dual seizure simulated by sending IAM on same cic 4. ACM (cic1) or the repeat attempt IAM (cic2) may be received in any order.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_2_2 <b>Group</b> : SCS/ARA/ <b>Purpose</b> : To verify that an automatic repeat attempt will be made on receipt of the blocking message after sending an initial address message and before any backward messages have been received. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Automatic repeat attempt SUBTITLE: Blocking of a circuit REFERENCE: 2.8.1 ii):2.8.2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			1.
3		LAB? R_IAM (cic1:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_BLO	BLO_BA(cic1)		2.
5		+Expect_BLA_IAM_REL_any_order			3.
6		LAB! S_ACM	ACM_BA(cic2)		
7		+Check_ringing_tone_BA			
8		LAB! S_ANM	ANM_BA(cic2)		
9		+Check_communication			
10		+G_Release_call			
11		+Check_circuit_idle(cic2)			
12		+Unblock_circuit_BA(cic1)			
		Expect_BLA_IAM_REL_any_order			
13		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB		
14		LAB? R_BLA	BLA_AB(cic1)		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
15		LAB? R_REL	REL_AB(cic1)	(P)	
16		LAB! S_RLC	RLC_BA(cic1)		
17		LAB? R_REL	REL_AB(cic1)		
18		LAB! S_RLC	RLC_BA(cic1)		
19		LAB? R_BLA	BLA_AB(cic1)	(P)	
20		LAB? R_BLA	BLA_AB(cic1)		
21		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB		
22		LAB? R_REL	REL_AB(cic1)	(P)	
23		LAB! S_RLC	RLC_BA(cic1)		
24		LAB? R_REL	REL_AB(cic1)		
25		LAB! S_RLC	RLC_BA(cic1)		
26		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB	(P)	
27		LAB? R_REL	REL_AB(cic1)		
28		LAB! S_RLC	RLC_BA(cic1)		
29		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB		
30		LAB? R_BLA	BLA_AB(cic1)	(P)	
31		LAB? R_BLA	BLA_AB(cic1)		
32		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB	(P)	
<b>Detailed Comments :</b> SPC                      SPA                      SPB -----setup-----> -----IAM-----> (cic) <-----BLO----- (cic)  -----IAM*-----> (cic2) See Note 3 -----BLA-----> (cic)     See Note 3					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----REL-----> (cic) See Note 3  
<-----RLC----- (cic)

<-----alerting ---- <-----ACM----- (cic2)  
.....ringing tone ..... (cic2)  
<-----answer----- <-----ANM----- (cic2)  
.....communication..... (cic2)  
<-----release----- <-----REL----- (cic2)  
-----RLC-----> (cic2)

- 
1. The left side initiates a call setup.
  2. Automatic repeat attempt forced by sending IAM on same cic
  3. BLA (cic) or the REL (cic) or the repeat attempt IAM (cic2) may be received in any order.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_2_3 <b>Group</b> : SCS/ARA/ <b>Purpose</b> : To verify that an automatic repeat attempt will be made on receipt of the reset circuit message after sending an initial address message and before any backward messages have been received. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Automatic repeat attempt SUBTITLE: Circuit reset REFERENCE: 2.8.1 iii) / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			2.
3		LAB? R_IAM (cic1:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_RSC	RSC_BA(cic1)		3.
5		+Expect_RLC_and_IAM_any_order			4.
6		LAB! S_ACM	ACM_BA(cic2)		
7		+Check_ringing_tone_BA			
8		LAB! S_ANM	ANM_BA(cic2)		
9		+Check_communication			
10		+G_Release_call			
11		+Check_circuit_idle(cic2)			
		Expect_RLC_and_IAM_any_order			
12		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB		
13		LAB? R_RLC	RLC_AB(cic1)		
14		LAB? R_RLC	RLC_AB(cic1)		

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Test Case Dynamic Behaviour				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
15		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB	
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> -----setup-----&gt; -----IAM-----&gt; (cic1)                         &lt;-----RSC----- (cic1)                          -----IAM*-----&gt; (cic2) See Note 4                         -----RLC-----&gt; (cic1) See Note 4 &lt;-----alerting----- &lt;-----ACM----- (cic2)       .....ringing tone ..... (cic2) &lt;-----answer----- &lt;-----ANM----- (cic2)       .....communication..... (cic2) &lt;-----release----- &lt;-----REL----- (cic2)                         -----RLC-----&gt; (cic2) </pre> <hr/> <p>1. Preamble to force IUT to use non-controlling CIC.  2. The left side initiates a call setup.  3. Automatic repeat attempt enforced by sending RSC on same cic  4. RLC or the repeat attempt IAM (cic2) may be received in any order.</p>				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_2_4 <b>Group</b> : SCS/ARA/ <b>Purpose</b> : To verify that an automatic repeat attempt will be made on continuity check failure <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Automatic Repeat attempt SUBTITLE: Continuity check required REFERENCE: 2.1.8; 2.8.1 iv); Table A.1 / Q.764 PRE-TEST CONDITIONS: The data in the IUT is arranged so that a continuity check is required on the outgoing circuit.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_26			
2		+G_initiate_setup			
3		LAB? R_IAM (cic1:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_CntChl_01		1.
4		+Expect_COT_and_IAM_any_order			2.
5		LAB! S_ACM	ACM_BA(cic2)		
6		+Check_ringing_tone_BA			
7		LAB! S_ANM	ANM_BA(cic2)		
8		+Check_communication			
9		+G_Release_call			
10		+C_Await_CCR(cic1)			4.
11		Expect_COT_and_IAM_any_order LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB_NatCon_CntChl_01		3. Ch. req
12		(TCV_Close_test_loop := TSO_Close_test_loop(cic2))			

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Continued from previous page

Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		LAB? R_COT	COT_AB_FAILED(cic1)		
14		LAB? R_COT	COT_AB(cic2)		
15		(TCV_Remove_test_loop := TSO_Remove_test_loop(cic2))			
16		LAB? R_COT	COT_AB(cic2)		
17		(TCV_Remove_test_loop := TSO_Remove_test_loop(cic))			
18		LAB? R_COT	COT_AB_FAILED(cic1)		
19		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB		3. Not req
20		LAB? R_COT	COT_AB_FAILED(cic1)		
21		LAB? R_COT	COT_AB_FAILED(cic1)		
22		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB_NatCon_CntChl_01		3. Ch. req
23		(TCV_Close_test_loop := TSO_Close_test_loop(cic2))			
24		LAB? R_COT	COT_AB(cic2)		
25		(TCV_Remove_test_loop := TSO_Remove_test_loop(cic))			
26		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB		3. Not req

**Detailed Comments :** SPC SPA SPB

```

-----setup-----> -----IAM-----> (cic1)
          .....check tone.....
          |
          | T24 <2 seconds
          | -----IAM-----> (cic2)          See Note 2
          | -----COT-----> (cic1) (failed) See Note 2
          |
          | <-----alerting ----- <-----ACM----- (cic2)
          | .....ringing tone ..... (cic2)

```

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### Test Case Dynamic Behaviour

#### Detailed Comments : ...

```

<-----answer----- <-----ANM----- (cic2)
.....communication..... (cic2)
<-----release----- <-----REL----- (cic2)
                        -----RLC-----> (cic2)

|
| T25 (1..10 secs)
CCR procedure  -----CCR-----> (cic1)      See Note 4
                .....check tone.....
                -----COT-----> (failed)

|
| T24 (2 seconds)
                -----CCR----->
                .....check tone.....
                -----COT-----> (failed)

|
| T26 (1..3 min)
                -----CCR----->
                .....check tone.....
                -----COT-----> (failed)

```

1. The IAM sent by the IUT should contain a request for Continuity check. No test loop is created by SPB, causing a Continuity check failure and repeat attempt..
2. The repeat attempt IAM may occur before or after the receipt of the COT
3. The repeat attempt call may or may not require continuity check to be performed. Both cases are covered
4. In this test case, for simplicity reasons, it is assumed that the CCR is received after the repeat attempt call has been processed and released.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_I_6_2_5 <b>Group</b> : SCS/ARA/ <b>Purpose</b> : To verify that an automatic repeat attempt will be made on receipt of unreasonable signalling information after sending an initial address message and before receiving any backward messages. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Automatic repeat attempt SUBTITLE: Receipt of unreasonable signalling information REFERENCE: 2.8.1 iv):2.9.5.1 d)/ Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			1.
3		LAB? R_IAM (cic1:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_SUS	SUS_BA(cic1)		2.
5		+Expect_RSC_and_IAM_any_order			3.
6		LAB! S_ACM	ACM_BA(cic2)		
7		+Check_ringing_tone_BA			
8		LAB! S_ANM	ANM_BA(cic2)		
9		+Check_communication			
10		+G_Release_call			
11		+Check_circuit_idle(cic2)			
		Expect_RSC_and_IAM_any_order			
12		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB		
13		LAB? R_RSC	RSC_AB(cic1)		
14		LAB! S_RLC	RLC_BA(cic1)		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
15		LAB? R_RSC	RSC_AB(cic1)		
16		LAB! S_RLC	RLC_BA(cic1)		
17		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AB		
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> -----setup-----&gt; -----IAM-----&gt; (cic1)                       &lt;-----Mxx----- (cic1)                        -----IAM*-----&gt; (cic2) See Note 3                       -----RSC-----&gt; (cic1) See Note 3                       &lt;-----RLC----- (cic1)  &lt;-----alerting ----- &lt;-----ACM----- (cic2) .....ringing tone ..... (cic2) &lt;-----answer----- &lt;-----ANM----- (cic2) .....communication..... (cic2) &lt;-----release----- &lt;-----REL----- (cic2)                       -----RLC-----&gt; (cic2) </pre> <hr/> <p>1. The left side initiates a call setup.  2. Automatic repeat attempt forced by sending IAM on same cic  3. BLA or the repeat attempt IAM (cic2) may be received in any order.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_3_1 <b>Group</b> : SCS/DS/ <b>Purpose</b> : To verify that on detection of dual seizure, the call initiated by the controlling signalling point is completed and the non-controlling signalling point is backed off. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Dual seizure SUBTITLE: Dual seizure for controlling SP REFERENCE: 2.8.1 i); 2.9.1.4 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+G_initiate_setup			2.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_IAM	IAM_BA(cic)		3.
5		LAB! S_ACM	ACM_BA(cic)		
6		+Check_ringing_tone_BA			
7		LAB! S_ANM	ANM_BA(cic)		
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB -----setup-----> -----IAM-----> <-----IAM----- <-----alerting ----- <-----ACM----- .....ringing tone ..... <-----answer ----- <-----ANM-----					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....communication.....

&lt;-----release----- &lt;-----REL-----

-----RLC-----&gt;

&lt;-----release----- &lt;-----REL-----

-----RLC-----&gt;

---

1. The left side initiates a call setup.

2. Dual seizure simulated by sending IAM on same cic



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_4_1 <b>Group</b> : SCS/SAO/ <b>Purpose</b> : To verify that the FOT is correctly sent. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Semi-automatic operation SUBTITLE: FOT sent following a call to a subscriber REFERENCE: 2.1.10, 2.1.1.7.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_4_1			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			2.
8		LAB? R_FOT	FOT_AB(cic)		
9		+Check_communication			3.
10		+G_Release_call			
11		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting ----- <-----ACM----- .....ringing tone ..... <-----answer----- <-----ANM----- .....communication.....					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

---forward tranf---> -----FOT----->  
.....communication.....  
<-----release----- <-----REL-----  
-----RLC----->

- 
1. The left side will initiate a call setup.
  2. Communication between controlling operator and subscriber at B
  3. Communication between controlling operator and assistance operator  
(Same link between A & B as in 2.)

NOTE. The FOT may be sent between ACM and REL.

NOTE The support of the FOT message in the international interface does not impose that the related functions are implemented in each gateway (e.g. language assistance).

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_4_2 <b>Group</b> : SCS/SAO/ <b>Purpose</b> : To verify that the FOT is correctly received. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Semi-automatic operation SUBTITLE: FOT received following a call to a subscriber REFERENCE: 2.1.10 2.1.1.7.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_4_2			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			2.
9		LAB! S_FOT	FOT_BA(cic)		
10		+Check_communication			3.
11		+G_Release_call			
12		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM----- -----alerting----->-----ACM-----> .....ringing tone ..... -----answer----->-----ANM----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```
.....communication.....  
<--forward tranf----- <-----FOT-----  
.....communication.....  
<-----release----- <-----REL-----  
                        -----RLC----->
```

- 
1. The left side will assist the call setup
  2. Communication checked between controlling operator (B) and subscriber (C)
  3. Communication checked between controlling operator and assistance operator

Note 1: FOT may bereceived between ACM and REL.

Note 2: The support of the FOT message in the international interface does not impose that the related functions are implemented in each gateway.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_4_3 <b>Group</b> : SCS/SAO/ <b>Purpose</b> : To verify that the FOT is correctly sent. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Semi-automatic operation SUBTITLE: FOT sent following a call via codes 11 and 12 REFERENCE: 2.1.10, 2.1.1.7.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_4_3			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_OPR		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			2.
8		+Check_communication			3.
9		LAB? R_FOT	FOT_AB(cic)		
10		+Check_communication			4.
11		+G_Release_call			
12		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting----- <-----ACM----- .....ringing tone ..... <-----answer----- <-----ANM-----					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```
.....communication.....  
.....communication.....  
---forward tranf---> -----FOT----->  
.....communication.....  
<-----release----- <-----REL-----  
-----RLC----->
```

- 
1. The left side will initiate a call setup.
  2. Communication between controlling operator and incoming operator
  3. Communication between controlling operator and subscriber  
(Same link between A & B as in 2.)
  4. Communication between controlling operator and incoming operator  
(Same link between A & B as in 2.)

NOTE. The FOT may be sent between ACM and REL.

NOTE The support of the FOT message in the international interface does not impose that the related functions are implemented in each gateway (e.g. language assistance).

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_4_4 <b>Group</b> : SCS/SAO/ <b>Purpose</b> : To verify that the FOT is correctly received. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Semi-automatic operation SUBTITLE: FOT received following a call via codes 11 and 12 REFERENCE: 2.1.10, 2.1.1.7.1/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_4_4			1.
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			2.
9		+Check_communication			3b.
10		LAB! S_FOT	FOT_BA(cic)		
11		+Check_communication			4.
12		+G_Release_call			
13		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM----- -----alerting----->-----ACM----->					

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### Test Case Dynamic Behaviour

#### Detailed Comments : ...

```

.....ringing tone .....
-----answer-----> -----ANM----->
.....communication..... See note 2.
<----note 3a -----
.....communication..... See note 3b.
<--forward transf----- <-----FOT-----
.....communication..... See note 4.
<-----release----- <-----REL-----
                        -----RLC----->

```

- 
1. The left side will assist the call setup
  2. Communication between controlling operator at SP B and incoming operator.
  - 3a If the incoming operator operator is located in the IUT, then a call from A would be setup to a subscriber at C. The subscriber would then be connected to the controlling operator.
  - 3b. Communication between controlling operator and subscriber  
(Same link between A & B as in 2.)
  4. Communication between controlling operator and incoming operator  
(Same link between A & B as in 2.)
- NOTE FOT may be received between ACM and REL.
- NOTE The support of the FOT message in the international interface does not impose that the related functions are implemented in each gateway.



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_5_1					
<b>Group</b> : SCS/SGM/					
<b>Purpose</b> : Verify that a call can be successfully completed if segmentation applies					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: Simple segmentation SUBTITLE: Sending of SGM REFERENCE: 2.1.12/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+S_6_5_1			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		
4		LAB? R_SGM	SGM_AB(cic)		
5		LAB! S_ACM	ACM_BA(cic)		
6		LAB! S_ANM	ANM_BA(cic)		
7		LAB? R_REL	REL_AB(cic)		
8		LAB! S_RLC	RLC_BA(cic)	(P)	
<b>Detailed Comments</b> : SPC SPA SPB -----stimulus-----> -----IAM-----> -----SGM-----> -----ACM-----< .....ringing tone ..... -----ANM-----< .....communication..... -----release-----> -----REL-----> -----RLC-----<					
1. The SGM should include UUI and ATP.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_5_2 <b>Group</b> : SCS/SGM/ <b>Purpose</b> : Verify that a call can be successfully completed if segmentation applies <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Simple segmentation SUBTITLE: Receipt of SGM REFERENCE: 2.6/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_5_2			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_COT_SGM(cic)		1.
5		+Delay			
6		LAB! S_COT	COT_BA(cic)		
7		LAB! S_SGM	SGM_BA(cic)		2.
8		LAB? R_ACM	ACM_AB(cic)		
9		+Check_ringing_tone_BA			
10		LAB! S_ANM	ANM_BA(cic)		
11		+Check_communication			
12		+G_Release_call			
<b>Detailed Comments</b> : SPC SPA SPB <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">&lt;-----reaction-----&lt;</div> <div style="width: 30%;">&lt;-----IAM-----&lt;</div> <div style="width: 30%;">&lt;-----COT-----&lt;</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"></div> <div style="width: 30%;">&lt;-----SGM-----&lt;</div> <div style="width: 30%;">-----ACM-----&gt;</div> </div>					

*Continued on next page*

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....ringing tone .....  
-----ANM----->  
.....communication.....  
<-----release----- <-----REL-----  
-----RLC----->

- 
1. The IAM contains a Continuity check indicator set to '01'B – continuity check requested.
  2. The SGM should include the UUI and ATP.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_5_3 <b>Group</b> : SCS/SGM/ <b>Purpose</b> : Verify that a call can be successfully completed if segmentation applies and that the SGM message will be discarded if the IUT receives it after T34 expires. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Simple segmentation SUBTITLE: Receipt of SGM after timer T34 expired REFERENCE: 2.1.12/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_34			
2		+S_6_5_3			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_SGM(cic)		
5		START T34max			
6		?TIMEOUT T34max			
7		LAB! S_SGM	SGM_BA(cic)		1.
8		LAB? R_ACM	ACM_AB(cic)		
9		+Check_ringing_tone_AB			
10		LAB? R_ANM	ANM_AB(cic)		
11		+Check_communication			
12		+G_Release_call			
13		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB <-----reaction----- <-----IAM-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```

|
| T34
|
| <-----SGM-----
| -----ACM----->
| .....ringing tone .....
| -----ANM----->
| .....communication.....
| <-----release----- <-----REL-----
| -----RLC----->
```

---

1. The SGM should include UUI.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_6_1 <b>Group</b> : SCS/FB/ <b>Purpose</b> : To verify that a call can be successfully completed if fallback does not occur <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Fallback SUBTITLE: Fallback does not occur REFERENCE: 2.5.2/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_6_1			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_2TMR_2USI(cic)		1.
5		LAB? R_ACM	ACM_AB(cic)		2.
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)	(P)	2.
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
11		+G_Verdict_Left_PTC			3.
<b>Detailed Comments</b> : SPC                      SPA                      SPB <----reaction----- <-----IAM----- -----ACM-----> .....ringing tone ..... -----ANM-----> .....communication.....					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

<-----release----- <-----REL-----  
-----RLC----->

- 
1. IAM with TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz
  2. The received ACM and ANM should not contain the TMU parameter
  3. Was the behaviour on the stimulus side as expected?

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_6_2_a <b>Group</b> : SCS/FB/ <b>Purpose</b> : To verify that a call can be successfully completed if fallback occurs behind the IUT and it is indicated in the ACM <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Fallback SUBTITLE: Fallback occurs behind the IUT REFERENCE: 2.5.2. /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_6_2_a			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_2TMR_2USI(cic)	(P)	1.
5		LAB? R_ACM	ACM_AB_TMU_SPEECH(cic)		2.
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
11		+G_Verdict_Left_PTC			3.
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup----- <-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone ..... -----answer-----> -----ANM----->					

Continued on next page



*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....communication.....  
<-----release----- <-----REL-----  
-----RLC----->

- 
1. IAM with TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz
  2. The received ACM should contain TMU='speech'
  3. Was the behaviour on the stimulus side as expected?

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_6_2_b <b>Group</b> : SCS/FB/ <b>Purpose</b> : To verify that a call can be successfully completed if fallback occurs behind the IUT and it is indicated in the CPG <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Fallback SUBTITLE: Fallback occurs behind the IUT REFERENCE: 2.5.2/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_6_2_b			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_2TMR_2USI(cic)		1.
5		LAB? R_ACM	ACM_AB(cic)		
6		LAB? R_CPG	CPG_AB_TMU_SPEECH(cic)	(P)	2.
7		+Check_ringing_tone_AB			
8		LAB? R_ANM	ANM_AB(cic)		
9		+Check_communication			
10		+G_Release_call			
11		+Check_circuit_idle(cic)			
12		+G_Verdict_Left_PTC			3.
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup----- <-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone .....					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----answer-----> -----ANM----->  
.....communication.....  
<-----release----- <-----REL-----  
-----RLC----->

- 
1. IAM with TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz
  2. The received CPG should contain TMU='speech'
  3. Was the behaviour on the stimulus side as expected?

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_6_2_c <b>Group</b> : SCS/FB/ <b>Purpose</b> : To verify that a call can be successfully completed if fallback occurs behind the IUT and it is indicated in the ANM. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Fallback SUBTITLE: Fallback occurs behind the IUT REFERENCE: 2.5.2/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_6_2_c			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_2TMR_2USI(cic)		1.
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB_TMU_SPEECH(cic)	(P)	2.
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
11		+G_Verdict_Left_PTC			3.
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup----- <-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone ..... -----answer-----> -----ANM----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....communication.....  
<-----release----- <-----REL-----  
-----RLC----->

- 
1. IAM with TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz
  2. The received ACM should contain TMU='speech'
  3. Was the behaviour on the stimulus side as expected?

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_6_2_d <b>Group</b> : SCS/FB/ <b>Purpose</b> : To verify that a call can be successfully completed if fallback occurs behind the IUT and it is indicated in the CON. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Fallback SUBTITLE: Fallback occurs behind the IUT REFERENCE: 2.5.2/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_6_2_d			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_2TMR_2USI(cic)		1.
5		LAB? R_CON	CON_AB_TMU_SPEECH(cic)	(P)	2.
6		+Check_communication			
7		+G_Release_call			
8		+Check_circuit_idle(cic)			
9		+G_Verdict_Left_PTC			3.
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup----- <-----IAM----- -----connect-----> -----CON-----> .....communication..... <-----release----- <-----REL----- -----RLC----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. IAM with TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz.
2. The received CON should contain TMU='speech'.
3. Was the behaviour on the stimulus side as expected?

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_6_3_a <b>Group</b> : SCS/FB/ <b>Purpose</b> : To verify that the IUT is able to perform Fallback (indication in ACM). <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Fallback SUBTITLE: Fallback occurs in the IUT REFERENCE: 2.5.1.2.2 ; 2.5.1.3 /Q.764 PRE-TEST CONDITIONS: Arrange the data such that Fallback occurs in the IUT					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_6_3_a			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_2TMR_2USI(cic)	(P)	1.
5		LAB? R_ACM	ACM_AB_TMU_SPEECH(cic)		2.
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
11		+G_Verdict_Left_PTC			3.
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM----- -----alerting-----> -----ACM----->					

Continued on next page



*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....ringing tone .....  
-----answer-----> -----ANM----->  
.....communication.....  
<-----release----- <-----REL-----  
-----RLC----->

1. IAM with

TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz

2. The received ACM should contain TMU='speech'

3. Was the behaviour on the stimulus side as expected?

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_6_3_b <b>Group</b> : SCS/FB/ <b>Purpose</b> : To verify that the IUT is able to perform Fallback (indication in CPG) <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Fallback SUBTITLE: Fallback occurs in the IUT REFERENCE: 2.5.1; 2.5.1.2; 2.5.2.2.2; 2 2.5.1.3 /Q.764 PRE-TEST CONDITIONS: Arrange the data such that Fallback occurs in the IUT					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_6_3_b_c			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_2TMR_2USI(cic)		1.
5		LAB? R_ACM	ACM_AB(cic)		
6		LAB? R_CPG	CPG_AB_TMU_SPEECH(cic)	(P)	2.
7		+Check_ringing_tone_AB			
8		LAB? R_ANM	ANM_AB(cic)		
9		+Check_communication			
10		+G_Release_call			
11		+Check_circuit_idle(cic)			
12		+G_Verdict_Left_PTC			3.

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour**

**Detailed Comments :** SPC                      SPA                      SPB

<-----setup----- <-----IAM-----

-----alerting-----> -----ACM----->

.....ringing tone .....

-----answer-----> -----ANM----->

.....communication.....

<-----release----- <-----REL-----

-----RLC----->

- 
1. IAM with TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz
  2. The received CPG should contain TMU='speech'
  3. Was the behaviour on the stimulus side as expected?

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_6_3_c <b>Group</b> : SCS/FB/ <b>Purpose</b> : To verify that the IUT is able to perform Fallback (indication in ANM). <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Fallback SUBTITLE: Fallback occurs in the IUT REFERENCE: 2.5.3/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_6_6_3_b_c			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_2TMR_2USI(cic)		1.
5		LAB? R_ACM	ACM_AB(cic)		
6		+Check_ringing_tone_AB			
7		LAB? R_ANM	ANM_AB_TMU_SPEECH(cic)	(P)	2.
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
11		+G_Verdict_Left_PTC			3.
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup----- <-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone ..... -----answer-----> -----ANM----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....communication.....  
<-----release----- <-----REL-----  
-----RLC----->

- 
1. IAM with TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz
  2. The received ACM should contain TMU='speech'
  3. Was the behaviour on the stimulus side as expected?

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_6_6_3_d					
<b>Group</b> : SCS/FB/					
<b>Purpose</b> : To verify that the IUT is able to perform fallback (indication in CON).					
<b>Configuration</b> : Reversed					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: Fallback					
SUBTITLE: Fallback occurs in the IUT					
REFERENCE: 2.5.3 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_BA_2TMR_2USI(cic) CON_AB_TMU_SPEECH(cic)	(P)	1. 2.      3.
2		+S_6_6_3_d			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM			
5		LAB? R_CON			
6		+Check_communication			
7		+G_Release_call			
8		+Check_circuit_idle(cic)			
9		+G_Verdict_Left_PTC			
<b>Detailed Comments</b> : SPC SPA SPB					
<-----setup----- <-----IAM-----					
-----connect-----> -----CON----->					
.....communication.....					
<-----release----- <-----REL-----					
-----RLC----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. IAM with TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz.
2. The received CON should contain TMU='speech'.
3. Was the behaviour on the stimulus side as expected?

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_7\_1\_1\_a

**Group** : BS/UNR/

**Purpose** : To verify that a 64 kbit/s call can be successfully completed using appropriate transmission medium requirement and user service information parameters (outgoing call, 2.4 kbit/s)

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: 64 kbit/s unrestricted  
 SUBTITLE: Successful call setup  
 REFERENCE: 2.1 / Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+S_7_1_1_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('00011'B)		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication			
7		+G_Release_call			
8		+Check_circuit_idle(cic)			

**Detailed Comments** :

SPC	SPA	SPB
-----setup----->		-----IAM----->
<-----alerting-----		<-----ACM-----
<-----answer-----		<-----ANM-----
.....communication.....		
<-----release-----		<-----REL-----
		-----RLC----->

1. The left side will initiate a call setup with user rate equal to 2.4 kbps.



### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_7\_1\_1\_b

**Group** : BS/UNR/

**Purpose** : To verify that a 64 kbit/s call can be successfully completed using appropriate transmission medium requirement and user service information parameters (outgoing call, 4.8 kbit/s)

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: 64 kbit/s unrestricted  
 SUBTITLE: Successful call setup  
 REFERENCE: 2.1 / Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+S_7_1_1_b			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('00101'B)		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication			
7		+G_Release_call			
8		+Check_circuit_idle(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----setup-----> -----IAM----->
<-----alerting ----- <-----ACM-----
<-----answer----- <-----ANM-----
.....communication.....
<-----release----- <-----REL-----
                        -----RLC----->

```

1. The left side will initiate a call setup with user rate equal to 4.8 kbps.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_7\_1\_1\_c

**Group** : BS/UNR/

**Purpose** : To verify that a 64 kbit/s call can be successfully completed using appropriate transmission medium requirement and user service information parameters (outgoing call, 9.6 kbit/s)

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: 64 kbit/s unrestricted  
SUBTITLE: Successful call setup  
REFERENCE: 2.1 / Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+S_7_1_1_c			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('01000'B)		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication			
7		+G_Release_call			
8		+Check_circuit_idle(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----setup-----> -----IAM----->
<-----alerting ----- <-----ACM-----
<-----answer----- <-----ANM-----
.....communication.....
<-----release----- <-----REL-----
                        -----RLC----->

```

1. The left side will initiate a call setup with user rate equal to 9.6 kbps.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_7\_1\_1\_d

**Group** : BS/UNR/

**Purpose** : To verify that a 64 kbit/s call can be successfully completed using appropriate transmission medium requirement and user service information parameters (outgoing call, 19.2 kbit/s)

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: 64 kbit/s unrestricted  
SUBTITLE: Successful call setup  
REFERENCE: 2.1 / Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_1_d			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('01011'B)		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication			
7		+G_Release_call			
8		+Check_circuit_idle(cic)			

**Detailed Comments** : SPC SPA SPB

```

-----setup-----> -----IAM----->
<-----alerting ----- <-----ACM-----
<-----answer----- <-----ANM-----
.....communication.....
<-----release----- <-----REL-----
                        -----RLC----->

```

\_\_\_\_\_1. The left side will  
initiate a call setup with user rate equal to 19.2 kbps.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_7\_1\_1\_e

**Group** : BS/UNR/

**Purpose** : To verify that a 64 kbit/s call can be successfully completed using appropriate transmission medium requirement and user service information parameters (outgoing call, 64 kbit/s)

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: 64 kbit/s unrestricted  
 SUBTITLE: Successful call setup  
 REFERENCE: 2.1 / Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_1_e			1.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('10000'B)		
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication			
7		+G_Release_call			
8		+Check_circuit_idle(cic)			

**Detailed Comments** : SPC SPA SPB

```

-----setup-----> -----IAM----->
<-----alerting ----- <-----ACM-----
<-----answer----- <-----ANM-----
.....communication.....
<-----release----- <-----REL-----
                        -----RLC----->

```

1. The left side will initiate a call setup with user rate equal to 64 kbps.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_1_1_f <b>Group</b> : BS/UNR/ <b>Purpose</b> : To verify that a 64 kbit/s call can be successfully completed using appropriate transmission medium requirement and user service information parameters (incoming call, 2.4 kbit/s) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: 64 kbit/s unrestricted SUBTITLE: Successful call setup REFERENCE: 2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_1_f			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_64kbps(cic, '00011'B)		
5		LAB? R_ACM	ACM_AB(cic)	(P)	1.
6		LAB? R_ANM	ANM_AB(cic)		
7		+Check_communication			
8		+G_Release_call			
9		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM-----> -----alerting---->-----ACM-----> -----answer----->-----ANM-----> .....communication..... -----release----->-----REL----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

&lt;-----RLC-----

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1. The left side will assist a call setup with user rate equal to 2.4 kbps.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_1_1_g <b>Group</b> : BS/UNR/ <b>Purpose</b> : To verify that a 64 kbit/s call can be successfully completed using appropriate transmission medium requirement and user service information parameters (incoming call, 4.8 kbit/s) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: 64 kbit/s unrestricted SUBTITLE: Successful call setup REFERENCE: 2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_1_g			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_64kbps(cic, '00101'B)		
5		LAB? R_ACM	ACM_AB(cic)	(P)	1.
6		LAB? R_ANM	ANM_AB(cic)		
7		+Check_communication			
8		+G_Release_call			
9		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM-----> -----alerting---->-----ACM-----> -----answer----->-----ANM-----> .....communication..... -----release----->-----REL----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

&lt;-----RLC-----

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1. The left side will assist a call setup with user rate equal to 4.8 kbps.



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_1_1_h <b>Group</b> : BS/UNR/ <b>Purpose</b> : To verify that a 64 kbit/s call can be successfully completed using appropriate transmission medium requirement and user service information parameters (incoming call, 9.6 kbit/s) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: 64 kbit/s unrestricted SUBTITLE: Successful call setup REFERENCE: 2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_1_h			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_64kbps(cic, '01000'B)		
5		LAB? R_ACM	ACM_AB(cic)	(P)	1.
6		LAB? R_ANM	ANM_AB(cic)		
7		+Check_communication			
8		+G_Release_call			
9		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM-----> -----alerting---->-----ACM-----> -----answer----->-----ANM-----> .....communication..... -----release----->-----REL----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

&lt;-----RLC-----

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1. The left side will assist a call setup with user rate equal to 9.6 kbps.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_1_1_i <b>Group</b> : BS/UNR/ <b>Purpose</b> : To verify that a 64 kbit/s call can be successfully completed using appropriate transmission medium requirement and user service information parameters (incoming call, 19.2 kbit/s) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: 64 kbit/s unrestricted SUBTITLE: Successful call setup REFERENCE: 2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_1_i			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_64kbps(cic, '01011'B)		
5		LAB? R_ACM	ACM_AB(cic)	(P)	1.
6		LAB? R_ANM	ANM_AB(cic)		
7		+Check_communication			
8		+G_Release_call			
9		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup-----<-----IAM-----> -----alerting---->-----ACM-----> -----answer----->-----ANM-----> .....communication..... -----release----->-----REL----->					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

&lt;-----RLC-----

---

1. The left side will assist a call setup with user rate equal to 19.2 kbps.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_1_1_j					
<b>Group</b> : BS/UNR/					
<b>Purpose</b> : To verify that a 64 kbit/s call can be successfully completed using appropriate transmission medium requirement and user service information parameters (incoming call, 64 kbit/s)					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: 64 kbit/s unrestricted SUBTITLE: Successful call setup REFERENCE: 2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+S_7_1_1_j			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_64kbps(cic, '10000'B)	(P)	
5		LAB? R_ACM	ACM_AB(cic)		
6		LAB? R_ANM	ANM_AB(cic)		
7		+Check_communication			
8		+G_Release_call			
9		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB <-----setup----- <-----IAM-----> -----alerting ----> -----ACM-----> -----answer-----> -----ANM-----> .....communication..... -----release-----> -----REL----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

&lt;-----RLC-----

---

1. The left side will assist a call setup with user rate equal to 64 kbps.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_7\_1\_2\_a

**Group** : BS/UNR/

**Purpose** : To verify that the call will be immediately released by the outgoing signalling point, if a release message with a given cause is received and for circuits equipped with echo control, the echo control device is enabled. (Cause: unallocated number)

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: 64 kbit/s unrestricted  
SUBTITLE: Unsuccessful call setup  
REFERENCE: 2.2 / Q.764

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_2_a			2.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('10000'B)		3.
4		LAB! S_REL	REL_BA_Cause_xx(cic, '0000001'B)		4.
5		LAB? R_RLC	RLC_AB(cic)		
6		+Check_circuit_idle(cic)			

**Detailed Comments** :

```

      SPC          SPA          SPB
      -----setup-----> -----IAM----->
      <-----release-----<-----REL-----
                          -----RLC----->

```

---

1. Cause value: unallocated number
2. The left side will initiate a call setup.
3. Call with subrate 64 kbit/s.
4. The outgoing SP B will release the call with a given cause.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_1_2_b <b>Group</b> : BS/UNR/ <b>Purpose</b> : To verify that the call will be immediately released by the outgoing signalling point, if a release message with a given cause is received and for circuits equipped with echo control, the echo control device is enabled. (Cause: no circuit available) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: 64 kbit/s unrestricted SUBTITLE: Unsuccessful call setup REFERENCE: 2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_2_b			2.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('10000'B)		3.
4		LAB! S_REL	REL_BA_Cause_xx(cic, '0100010'B)		4.
5		LAB? R_RLC	RLC_AB(cic)		
6		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----setup-----&gt; -----IAM-----&gt; &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> 1. Cause value: no circuit available 2. The left side will initiate a call setup. 3. Call with subrate 64 kbit/s. 4. The outgoing SP B will release the call with a given cause.					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_1_2_c <b>Group</b> : BS/UNR/ <b>Purpose</b> : To verify that the call will be immediately released by the outgoing signalling point, if a release message with a given cause is received and for circuits equipped with echo control, the echo control device is enabled. (Cause: BC not authorized) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: 64 kbit/s unrestricted SUBTITLE: Unsuccessful call setup REFERENCE: 2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_2_c			2.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('10000'B)		3.
4		LAB! S_REL	REL_BA_Cause_xx(cic, '0111001'B)		4.
5		LAB? R_RLC	RLC_AB(cic)		
6		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----setup-----&gt; -----IAM-----&gt; &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> 1. Cause value: BC not authorized 2. The left side will initiate a call setup. 3. Call with subrate 64 kbit/s. 4. The outgoing SP B will release the call with a given cause.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_1_2_d <b>Group</b> : BS/UNR/ <b>Purpose</b> : To verify that the call will be immediately released by the outgoing signalling point, if a release message with a given cause is received and for circuits equipped with echo control, the echo control device is enabled. (Cause: BC not presently available) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: 64 kbit/s unrestricted SUBTITLE: Unsuccessful call setup REFERENCE: 2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_2_d			2.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('10000'B)		3.
4		LAB! S_REL	REL_BA_Cause_xx(cic, '0111010'B)		4.
5		LAB? R_RLC	RLC_AB(cic)		
6		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB <pre> -----setup-----&gt; -----IAM-----&gt; &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> 1. Cause value: BC not presently available 2. The left side will initiate a call setup. 3. Call with subrate 64 kbit/s. 4. The outgoing SP B will release the call with a given cause.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_1_2_e <b>Group</b> : BS/UNR/ <b>Purpose</b> : To verify that the call will be immediately released by the outgoing signalling point, if a release message with a given cause is received and for circuits equipped with echo control, the echo control device is enabled. (Cause: BC not implemented) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: 64 kbit/s unrestricted SUBTITLE: Unsuccessful call setup REFERENCE: 2.2 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_1_2_e			2.
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('10000'B)		3.
4		LAB! S_REL	REL_BA_Cause_xx(cic, '1000001'B)		4.
5		LAB? R_RLC	RLC_AB(cic)		
6		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----setup-----&gt; -----IAM-----&gt; &lt;-----release----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> 1. Cause value: BC not implemented 2. The left side will initiate a call setup. 3. Call with subrate 64 kbit/s. 4. The outgoing SP B will release the call with a given cause.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_1_3 <b>Group</b> : BS/UNR/ <b>Purpose</b> : To verify that an automatic repeat attempt will be made on detection of a dual seizure with two 64 kbit/s calls. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: 64 kbit/s unrestricted SUBTITLE: Dual seizure REFERENCE: 2.8.1 i); 2.9.1.4 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Block_non_controlling			1.
3		+S_7_1_3			2.
4		LAB? R_IAM (cic1:=R_IAM.isup_pdu.CIC, cic:=cic1)	IAM_AB_64kbps('10000'B)		
5		LAB! S_IAM	IAM_BA_64kbps(cic1, '10000'B)		3.
6		+Expect_ACM_and_IAM_any_order			4.
7		LAB? R_ANM	ANM_AB(cic1)		
8		(cic:=cic2)			
9		LAB! S_ACM	ACM_BA(cic2)		
10		LAB! S_ANM	ANM_BA(cic2)		
11		+Continue			
		Continue			
12		+Check_communication			
13		(cic:=cic1)			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		+Check_communication			
15		LAB? R_REL	REL_AB(cic)		
16		LAB! S_RLC	RLC_BA(cic)		
17		(cic:=cic2)			
18		LAB? R_REL	REL_AB(cic)		
19		LAB! S_RLC	RLC_BA(cic)		
20		+Check_circuit_idle(cic1)			
21		+Check_circuit_idle(cic2)			
22		+Unblock_non_controlling			
		Block_non_controlling			
23		(cic:=TSP_GrpCIC)			5.
24		LAB! S_CGB (S_CGB.isup_pdu.RngSts.Range:= TSP_GrpRange_non_cont, S_CGB.isup_pdu.RngSts.Status:= TSP_Status_non_cont)	CGB_BA_MO(cic)		
25		LAB? R_CGBA	CGBA_AB_MO(cic)		
26		MNT? MNT_IND	ALERT_MNT		
		Unblock_non_controlling			
27		(cic:=TSP_GrpCIC)			
28		LAB! S_CGU (S_CGU.isup_pdu.RngSts.Range:= TSP_GrpRange_non_cont, S_CGU.isup_pdu.RngSts.Status:= TSP_Status_non_cont)	CGU_BA_MO(cic)		
29		LAB? R_CGUA	CGUA_AB_MO(cic)		
30		MNT? MNT_IND	ALERT_MNT		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
31		Expect_ACM_and_IAM_any_order LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('10000'B )		
32		LAB? R_ACM	ACM_AB(cic1)		
33		LAB? R_ACM	ACM_AB(cic1)		
34		LAB? R_IAM (cic2:=R_IAM.isup_pdu.CIC)	IAM_AB_64kbps('10000'B )		
<b>Detailed Comments :</b> SPC                      SPA                      SPB -----setup-----> -----IAM-----> (cic1) <-----setup----- <-----IAM----- (cic1)  -----IAM*-----> (cic2) See Note 4 -----alerting -----> -----ACM-----> (cic1) See Note 4 .....ringing tone ..... (cic1) -----answer-----> -----ANM-----> (cic1) <-----alerting ----- <-----ACM----- (cic2) .....ringing tone ..... (cic2) <-----answer----- <-----ANM----- (cic2) .....communication..... (cic1) .....communication..... (cic2) <-----release----- <-----REL----- (cic1) -----RLC-----> (cic1) <-----release----- <-----REL----- (cic2) -----RLC-----> (cic2)  <hr/> 1. Preamble to force IUT to use non-controlling CIC. 2. The left side initiates a call setup.					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

3. Dual seizure simulated by sending IAM on same cic
4. ACM (cic1) or the repeat attempt IAM (cic2) may be received in any order.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_2_1_a					
<b>Group</b> : BS/AUD/					
<b>Purpose</b> : To verify that a 3.1 kHz audio call can be successfully completed using appropriate transmission medium requirement and user service information parameters (outgoing call).					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: 3.1 kHz audio SUBTITLE: Successful call setup REFERENCE: 2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+G_initiate_setup_3_1kHz			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_3_1kHz		
4		LAB! S_ACM	ACM_BA(cic)		
5		+Check_ringing_tone_BA			
6		LAB! S_ANM	ANM_BA(cic)		
7		+Check_communication			
8		+G_Release_call			
9		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB -----setup-----> -----IAM-----> <-----alerting----- <-----ACM----- .....ringing tone ..... <-----connect----- <-----ANM----- .....communication..... <-----release----- <-----REL-----					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

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1. The left side will initiate a call setup with 3.1 kHz audio.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_2_1_b					
<b>Group</b> : BS/AUD/					
<b>Purpose</b> : To verify that a 3.1 kHz audio call can be successfully completed using appropriate transmission medium requirement and user service information parameters (incoming call)					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: 3.1 kHz audio SUBTITLE: Successful call setup REFERENCE: 2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+G_assist_setup_3_1kHz			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_3_1kHz(cic)		
5		+Check_ringing_tone_AB			
6		LAB? R_ACM	ACM_AB(cic)	(P)	
7		LAB? R_ANM	ANM_AB(cic)		
8		+Check_communication			
9		+G_Release_call			
10		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> : SPC SPA SPB <-----setup----- <-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone ..... -----connect-----> -----ANM-----> .....communication.....					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

<-----release----- <-----REL-----  
-----RLC----->

---

1. The left side will assist a call setup with 3.1 kHz audio.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_3_1_a <b>Group</b> : BS/MCT/ <b>Purpose</b> : To verify that the IUT is able to setup an outgoing call with the bearer service "2 x 64 kbit/s unrestricted". <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Multirate connection types SUBTITLE: Outgoing call with "2 x 64 kbit/s unrestricted": successful REFERENCE: 2.1 / Q.764 1.2 / Q.763					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_1_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_2X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_2x64			
7		+G_Release_call			
8		+Check_circuits_idle_2x64(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <----alerting----- <----ACM----- <----connect----- <----ANM----- .....communication..... <----release----- <----REL----- -----RLC----->					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_7\_3\_1\_b

**Group** : BS/MCT/

**Purpose** : To verify that the IUT is able to setup an outgoing call with the bearer service "384 kbit/s unrestricted".

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Multirate connection types  
 SUBTITLE: Outgoing call with "384 kbit/s unrestricted": successful  
 REFERENCE: 2.1 / Q.764  
 1.2 / Q.763

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_1_b			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_384	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_384			
7		+G_Release_call			
8		+Check_circuits_idle_384(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----setup-----> -----IAM----->
<-----alerting----- <-----ACM-----
<-----connect----- <-----ANM-----
.....communication.....
<-----release----- <-----REL-----
                        -----RLC----->

```

---

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_7\_3\_1\_c

**Group** : BS/MCT/

**Purpose** : To verify that the IUT is able to setup an outgoing call with the bearer service "1536 kbit/s unrestricted".

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Multirate connection types  
 SUBTITLE: Outgoing call with "1536 kbit/s unrestricted": successful  
 REFERENCE: 2.1 / Q.764  
 1.2 / Q.763

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_1_c			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_1536	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_1536			
7		+G_Release_call			
8		+Check_circuits_idle_1536(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----setup-----> -----IAM----->
<-----alerting----- <-----ACM-----
<-----connect----- <-----ANM-----
.....communication.....
<-----release----- <-----REL-----
                      -----RLC----->

```

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_3_1_d <b>Group</b> : BS/MCT/ <b>Purpose</b> : To verify that the IUT is able to setup an outgoing call with the bearer service "1920 kbit/s unrestricted". <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Multirate connection types SUBTITLE: Outgoing call with "1920 kbit/s unrestricted": successful REFERENCE: 2.1 / Q.764 1.2 / Q.763 PRE-TEST CONDITIONS: There are enough circuits available for the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_1_d			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_1920	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_1920			
7		+G_Release_call			
8		+Check_circuits_idle_1920(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting----- <-----ACM----- <-----connect----- <-----ANM----- .....communication..... <-----release----- <-----REL----- -----RLC----->					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_7\_3\_2\_a

**Group** : BS/MCT/

**Purpose** : To verify that the IUT is able to handle an incoming call with the bearer service "2 x 64 kbit/s unrestricted".

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Multirate connection types  
 SUBTITLE: Incoming call with "2 x 64 kbit/s unrestricted": successful  
 REFERENCE: 2.1 / Q.764  
 1.2 / Q.763

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_2_a			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_TMR_2X64(cic)	(P)	
5		LAB? R_ACM	ACM_AB(cic)		
6		LAB? R_ANM	ANM_AB(cic)		
7		+Check_communication_2x64			
8		+G_Release_call			
9		+Check_circuits_idle_2x64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

<-----setup----- <-----IAM-----
-----alerting-----> -----ACM----->
.....ringing tone .....
-----connect-----> -----ANM----->
.....communication.....
<----release----- <-----REL-----

```

*Continued on next page*



*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_3_2_b					
<b>Group</b> : BS/MCT/					
<b>Purpose</b> : To verify that the IUT is able to handle an incoming call with the bearer service "384 kbit/s unrestricted".					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: Multirate connection types					
SUBTITLE: Incoming call with "384 kbit/s unrestricted": successful					
REFERENCE: 2.1 / Q.764					
1.2 / Q.763					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_2_b			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_TMR_384(cic)	(P)	
5		LAB? R_ACM	ACM_AB(cic)		
6		LAB? R_ANM	ANM_AB(cic)		
7		+Check_communication_384			
8		+G_Release_call			
9		+Check_circuits_idle_384(cic)			
<b>Detailed Comments</b> : SPC SPA SPB					
<-----setup----- <-----IAM-----					
-----alerting-----> -----ACM----->					
.....ringing tone .....					
-----connect-----> -----ANM----->					
.....communication.....					
<-----release----- <-----REL-----					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_3_2_c					
<b>Group</b> : BS/MCT/					
<b>Purpose</b> : To verify that the IUT is able to handle an incoming call with the bearer service "1536 kbit/s unrestricted".					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: Multirate connection types					
SUBTITLE: Incoming call with "1536 kbit/s unrestricted": successful					
REFERENCE: 2.1 / Q.764					
1.2 / Q.763					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_2_c			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_TMR_1536(cic)	(P)	
5		LAB? R_ACM	ACM_AB(cic)		
6		LAB? R_ANM	ANM_AB(cic)		
7		+Check_communication_1536			
8		+G_Release_call			
9		+Check_circuits_idle_1536(cic)			
<b>Detailed Comments</b> : SPC SPA SPB					
<-----setup----- <-----IAM-----					
-----alerting-----> -----ACM----->					
.....ringing tone .....					
-----connect-----> -----ANM----->					
.....communication.....					
<-----release----- <-----REL-----					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_3_2_d <b>Group</b> : BS/MCT/ <b>Purpose</b> : To verify that the IUT is able to handle an incoming call with the bearer service "1920 kbit/s unrestricted". <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Multirate connection types SUBTITLE: Incoming call with "1920 kbit/s unrestricted": successful REFERENCE: 2.1 / Q.764 1.2 / Q.763 PRE-TEST CONDITIONS: There are enough circuits available for the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_2_d			
3		(cic:=TSP_CIC_R)			
4		LAB! S_IAM	IAM_BA_TMR_1920(cic)		
5		LAB? R_ACM	ACM_AB(cic)	(P)	
6		LAB? R_ANM	ANM_AB(cic)		
7		+Check_communication_1920			
8		+G_Release_call			
9		+Check_circuits_idle_1920(cic)			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----setup----- <-----IAM----- -----alerting-----> -----ACM-----> .....ringing tone ..... -----connect-----> -----ANM----->					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....communication.....  
<----release----- <-----REL-----  
-----RLC----->

---

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_3_3 <b>Group</b> : BS/MCT/ <b>Purpose</b> : To verify that a multirate call setup is rejected by the IUT if one of the circuits necessary for the call is already busy. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Multirate connection types SUBTITLE: Unsuccessful multirate call setup: one circuit already busy REFERENCE: 2.1 / Q.764 1.2 / Q.763 PRE-TEST CONDITIONS: There are enough circuits available for the multirate call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_3			
3		(cic := TSO_INT_TO_BIT_12(31))			1.
4		+Establish_call_BA			2.
5		(cic:=TSP_CIC_R)			
6		LAB! S_IAM	IAM_BA_TMR_1920(cic)		3.
7		LAB? R_REL (cic := R_REL.isup_pdu.CIC)	REL_AB(cic)	(P)	4.
8		LAB! S_RLC	RLC_BA(cic)		
9		(cic := TSO_INT_TO_BIT_12(31))			5.
10		+G_Release_call			
11		+Check_circuits_idle_1920(cic)			

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### Test Case Dynamic Behaviour

#### Detailed Comments : SPC

#### SPA

#### SPB

```

<-----setup----- <-----IAM----- (CIC=31,TMR=Speech)
-----alerting-----> -----ACM-----> (CIC=31)
-----connect----> -----ANM-----> (CIC=31)
.....communication.....
<-----setup----- <-----IAM----- (CIC=1,TMR=1920 kbit/s)
                        <-----REL----- (CIC=1)
                        -----RLC-----> (CIC=1)
<-----release----- <-----REL----- (CIC=31)
                        -----RLC-----> (CIC=31)

```

1. CIC 31 is used to establish a speech call. This circuit is the last one which is used by the 1920 kbit/s call.
2. A speech call is established from SP A to SP B.
3. The CIC value of the IAM\_BA\_TMR1920 is allways set to 1 because it is the only valid value in this test configuration.
4. A Release message shall be sent by the IUT.
5. The CIC is set to 31 to release the speech call.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_3_4 <b>Group</b> : BS/MCT/ <b>Purpose</b> : To verify that the IUT is able to detect a dual seizure for calls of different multirate connection types and that it completes the call involving the greater number of circuits <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Multirate connection types SUBTITLE: Dual seizure of different connection types: Controlling exchange REFERENCE: 2.9.1.4 / Q.764 1.2 / Q.763					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_4			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_1536		1.
4		(cic2 := TSO_INT_TO_BIT_12(9))			2.
5		LAB! S_IAM	IAM_BA_TMR_2X64(cic2)		
6		LAB! S_CON	CON_BA(cic)	(P)	3.
7		+Check_communication_1536			
8		(cic1 := TSO_INT_TO_BIT_12(26))			4.
9		LAB! S_IAM	IAM_BA_TMR_2X64(cic1)		
10		LAB? R_CON	CON_AB(cic1)		
11		+Check_communication_2x64			
12		LAB! S_REL	REL_BA(cic1)		5.
13		LAB? R_RLC	RLC_AB(cic1)		
14		(cic := TSO_INT_TO_BIT_12(1))			6.

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Test Case Dynamic Behaviour				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
15		LAB! S_REL	REL_BA(cic)	
16		LAB? R_RLC	RLC_AB(cic)	
17		+Check_circuits_idle_1920(cic)		
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> -----setup-----&gt; -----IAM-----&gt; (CIC=1,TMR=1536 kbit/s)                         &lt;-----IAM----- (CIC=9,TMR=2x64 kbit/s) &lt;-----connect----- &lt;-----CON----- (CIC=1) .....communication..... (CIC=1..25) &lt;-----setup----- &lt;-----IAM----- (CIC=26,TMR=2X64 kbit/s) -----connect-----&gt; -----CON-----&gt; (CIC=26) .....communication..... (CIC=26..27) &lt;-----release----- &lt;-----REL----- (CIC=26)                         -----RLC-----&gt; (CIC=26) &lt;-----release----- &lt;-----REL----- (CIC=1)                         -----RLC-----&gt; (CIC=1) </pre> <p>1. The CIC value in IAM_AB_TMR1536 is always 1 because it is the only valid value in this test configuration.  2. The CIC value to be used by the 2x64 kbit/s call is set to 9. The CICs 9 and 10 are used by the 1536 kbit/s call.  3. The 1536 kbit/s call shall not be backed off because it uses more circuits than the 2x64 kbit/s call.  4. The CIC value to be used for the repeat attempt of the 2x64 kbit/s call is set to 26. The CICs 26 and 27 are not used by the 1536 kbit/s call.  5. The 2x64 kbit/s call is released.  6. The CIC value is reset to 1 in order to release the 1536 kbit/s call.  7. The 1536 kbit/s call is released.  8. It is checked that all circuits are idle again.</p>				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_7_3_5 <b>Group</b> : BS/MCT/ <b>Purpose</b> : To verify that the IUT is able to detect a dual seizure for calls of different multirate connection types and that it reattempts the call involving the smaller number of circuits <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Multirate connection types SUBTITLE: Dual seizure of different connection types: Non-controlling exchange REFERENCE: 2.9.1.4 b) / Q.764 1.2 / Q.763					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_7_3_5			
3		LAB? R_IAM [R_IAM.isup_pdu.CIC = TSO_BitStr_add(TSP_CIC_R, '11001'B)] (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_384		1.
4		LAB! S_REL	REL_BA_C41(cic)		
5		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_384		2.
6		+L_7_3_5			
7		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_384		3.
8		+L_7_3_5			
9		L_7_3_5			
10		(cic:=TSP_CIC_R)			
10		LAB! S_IAM	IAM_BA_TMR_1536(cic)		
11		LAB? R_IAM [R_IAM.isup_pdu.CIC = TSO_BitStr_add(TSP_CIC_R, '11001'B)] (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_384	(P)	4.

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
12		LAB! S_CON	CON_BA(cic)		5.
13		(cic := TSP_CIC_R)			
14		LAB? R_CON	CON_AB(cic)		
15		+Check_communication_1536			
16		+Continue			
		Continue			
17		(cic := TSO_BitStr_add(TSP_CIC_R, '11001'B))			6.
18		+Check_communication_384			
19		LAB! S_REL	REL_BA(cic)		7.
20		LAB? R_RLC	RLC_AB(cic)		
21		(cic := TSP_CIC_R)			
22		LAB! S_REL	REL_BA(cic)		8.
23		LAB? R_RLC	RLC_AB(cic)		
24		+Check_circuits_idle_1920(cic)			9.
<div>Detailed Comments : SPC SPA SPB</div> <div>-----setup-----&gt; -----IAM-----&gt; (CIC&lt;&gt;26,TMR=384 kbit/s)</div> <div>&lt;-----setup----- &lt;-----IAM----- (CIC=1,TMR=1536 kbit/s)</div> <div>-----setup-----&gt; -----IAM-----&gt; (CIC=26,TMR=384 kbit/s)</div> <div>&lt;-----connect----- &lt;-----CON----- (CIC=26)</div> <div>.....communication..... (CIC=26..31)</div> <div>-----connect-----&gt; -----CON-----&gt; (CIC=1)</div> <div>.....communication..... (CIC=1..25)</div> <div>&lt;-----release----- &lt;-----REL----- (CIC=1)</div> <div>-----RLC-----&gt; (CIC=1)</div> <div>&lt;-----release----- &lt;-----REL----- (CIC=26)</div>					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt; (CIC=26)

1. If a IAM for CIC 26 is received the call shall be released because it is impossible that a dual seizure occurs because a 1536 kbit/s call will never use the time slots 26 to 31 of a 2 Mbit/s line.
2. At the second time a CIC other than 26 is used by the IUT.
3. An IAM for a CIC other than 26 is received. In this case a dual seizure with a 1536 kbit/s call can occur.
4. Check that the CIC 26 is used for the reattempt because it is the only remaining CIC in this situation for the 384 kbit/s call.
5. Change CIC value to 1 in order to complete the establishment of the 1536 kbit/s call.
6. Change CIC to 26 in order to complete the establishment of the 384 kbit/s call.
7. The 384 kbit/s call is released.
8. The 1536 kbit/s call is released.
9. Check that all circuits are idle again.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_8_1_1 <b>Group</b> : CUFC/ACC/ <b>Purpose</b> : To verify that the adjacent exchange (SPA), after having received a release message containing an automatic congestion level parameter, reduces the traffic to the overload affected exchange (SPB). <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Automatic congestion control SUBTITLE: Receipt of a release message containing an automatic congestion level parameter REFERENCE: 2.11/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_8_1_1			1.
3		+Count_IAM			2.
4		(TCV_count1:=TCV_count0)			
5		LAB! S_REL	REL_BA_ACL(cic)		3.
6		LAB? R_RLC	RLC_AB(cic)		
7		+Release_all_calls (TCV_count1)			4.
8		+S_8_1_1			1.
9		+Count_IAM			2.
10		(TCV_count2:=TCV_count0)			
11		[TCV_count2 < TCV_count1]			5.
12		+Release_all_calls (TCV_count2)			4.
<b>Detailed Comments</b> : SPC SPA SPB -----stimulus-----> -----IAM-----> ...					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

<-----release----- <-----REL----- (congestion level 1 or 2)  
-----RLC----->

1. Make less than px\_maxNbCalls (maximum number of calls that can still be handled by SPA) calls from SPC to SPA, having SPB as destination. There must be sufficient resources (CICs) to do this.
2. Count the number of IAMs received by SPB
3. Release the last call with an ACL parameter
4. Release all remaining calls
5. Check if the number of calls per time unit received by SPB decreased



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_8_1_2 <b>Group</b> : CUFC/ACC/ <b>Purpose</b> : To verify that the IUT is able to send a release message containing an automatic congestion level parameter. <b>Configuration</b> : Reversed <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Automatic congestion control SUBTITLE: Sending of a release message containing an automatic congestion level parameter REFERENCE: 2.11/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		REPEAT Send_IAM_BA UNTIL [TCV_count0=TSP_maxNbCalls+TSP_moreCalls]			1.
3		LAB? R_REL	REL_AB_ACL(cic)	(P)	2.
4		LAB! S_RLC	RLC_BA(cic)		
5		+Release_all_calls (TCV_count0)			
6		Send_IAM_BA (TCV_count0:=TCV_count0+1)			3.
7		(cic:=TSO_Next_CIC(cic))			4.
8		LAB! S_IAM	IAM_BA(cic)		
<b>Detailed Comments</b> : SPC SPA SPB <----reaction----- <-----IAM----- ... -----release-----> -----REL-----> (congestion level 1 or 2) <-----RLC-----					

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Test Case Dynamic Behaviour	
<b>Detailed Comments :</b> ...	<ol style="list-style-type: none"> <li>1. Make more than px_maxNbCalls calls from SPB to SPA. There must be sufficient resources (CICs) to do this.</li> <li>2. SPA releases calls with an ACL parameter.</li> <li>3. Generate a number of calls from SP B to SP A.</li> <li>4. TSO to get next CIC on the "right" side.</li> </ol>

Test Case Dynamic Behaviour					
<b>Test Case Name :</b> IBC_V_8_2_1 <b>Group :</b> CUFC/IAC/ <b>Purpose :</b> To verify that on receipt of a user part test message the IUT will respond by sending a user part available message <b>Configuration :</b> Default <b>Default :</b> AnyOtherEventUnexpected <b>Comments :</b> TITLE: ISUP availability control control SUBTITLE: Receipt of a user part test message REFERENCE: 2.13/Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAB! S_UPT	UPT_BA(cic)		
3		LAB? R_UPA	UPA_AB(cic)	P	
<b>Detailed Comments :</b> SPC SPA SPB <-----UPT----- -----UPA----->					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_8_2_2 <b>Group</b> : CUFC/IAC/ <b>Purpose</b> : To verify that the IUT is able to send a user part test message <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: ISUP availability control control SUBTITLE: Sending of a user part test message REFERENCE: 2.13/Q.764 PRE-TEST CONDITIONS: Arrange that the ISUP in SP B becomes unavailable for SP A. This can be achieved by sending a MTP level 3 user part unavailable message (UPU) with the cause "user part unavailability – inaccessible remote user from SP B to SP A.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAB? R_UPT	UPT_AB(cic)		
3		LAB! S_UPA	UPA_BA(cic)	P	
<b>Detailed Comments :</b> <div style="text-align: center;"> SPC                      SPA                      SPB  -----UPT-----&gt;  &lt;-----UPA----- </div>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_8_2_3 <b>Group</b> : CUFC/IAC/ <b>Purpose</b> : To verify that the IUT is able to restart the availability test procedure after expiry of timer T4. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: ISUP availability control control SUBTITLE: T4: waiting to receive a response to a UPT REFERENCE: 2.13/Q.764 PRE-TEST CONDITIONS: Arrange that the ISUP in SP B becomes unavailable for SP A. This can be achieved by sending a MTP level 3 user part unavailable message (UPU) with the cause "user part unavailability – inaccessible remote user from SP B to SP A.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_4			
2		LAB? R_UPT START T4min, START T4max	UPT_AB(cic)		
3		?TIMEOUT T4min			
4		LAB? R_UPT CANCEL T4max	UPT_AB(cic)	(P)	
5		LAB! S_UPA	UPA_BA(cic)	(P)	
6		?TIMEOUT T4max		F	
7		LAB? R_UPT CANCEL T4max, CANCEL T4min	UPT_AB(cic)	F	
<b>Detailed Comments</b> : SPC SPA SPB <div style="text-align: center;"> -----UPT-----&gt;  :  T4 :  : </div>					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----UPT----->  
<-----UPA-----

---

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_9_1_1					
<b>Group</b> : EC/SI/					
<b>Purpose</b> : To verify that the call can be successfully established with the inclusion of echo control devices.					
<b>Configuration</b> : Default					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Q.767 echo control procedure for call setup (initiated in SP A) REFERENCE: 2.7.3 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		+S_9_1_1			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_1 ACM_BA_BCI_ECDI_1(cic)		
4		LAB! S_ACM			
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC SPA SPB -----setup-----> -----IAM-----> <-----alerting----- <-----ACM----- .....ringing tone ..... <-----connect----- <-----ANM----- .....communication..... <-----release----- <-----REL----- -----RLC----->					
1. The stimulus generates an outgoing call with an outgoing half echo device included.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_9_1_2 <b>Group</b> : EC/SI/ <b>Purpose</b> : To verify that the call can be successfully established if the IUT does not include an outgoing half echo control device. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Q.767 echo control procedure for call setup (initiated in SP B) REFERENCE: 2.7.3 / Q.764 PRE-TEST CONDITIONS: The data in the IUT is arranged such that the call is routed over a route not requiring echo control devices.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_1_2			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting----- <-----ACM----- .....ringing tone ..... <-----connect----- <-----ANM----- .....communication..... <-----release----- <-----REL----- -----RLC----->					
1. The stimulus igenerates an outgoing call with no outgoing echo control devices included.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_9_1_3 <b>Group</b> : EC/SI/ <b>Purpose</b> : To verify that the call can be successfully completed and enhanced echo control indicators and parameters are passed transparently. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Successful Call setup SUBTITLE: Q.767 echo control procedure for call setup (initiated in SP B) REFERENCE: 2.7.2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_1_1			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0 _EchoInf_3	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----setup-----> -----IAM-----> <-----alerting----- <-----ACM----- .....ringing tone ..... <-----connect----- <-----ANM----- .....communication..... <-----release----- <-----REL----- -----RLC----->					
<hr/> 1. The stimulus generates an outgoing call with an outgoing half echo device included.					



### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_1

**Group** : EC/EN/

**Purpose** : To verify that a call can be setup where all exchanges support enhanced echo control signalling procedures and have echo control equipment available.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP B)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2, annex C.1 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_1			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_1 _EchoInf_2	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_4(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                        -----RLC----->

```

1. The outgoing call from the IUT sets echo device included.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_9_2_2 <b>Group</b> : EC/EN/ <b>Purpose</b> : To verify that a call can be setup incorporating call forwarding where all exchanges support enhanced echo control signalling procedures and echo control equipment is not available. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 enhanced echo control procedure for call setup incorporating multiple forwarding (initiated in SP B) SUBTITLE: NONE REFERENCE: 2.7.2, annex C.2 /Q.764 PRETEST_CONDITIONS: Call forwarding enabled.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_1			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_1 _EchoInf_2	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_4(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----CPG-----  &lt;-----ACM----- &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... &lt;-----REL-----  &lt;-----REL-----                         -----RLC-----&gt; </pre>					

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*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

1. The outgoing call from the IUT (call forwarded) sets echo device included.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_3

**Group** : EC/EN/

**Purpose** : To verify that a call can be setup where all exchanges support enhanced echo control signalling procedures and echo control equipment is not available in all exchanges.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2, annex C.3 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_3			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_1 _EchoInf_2	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_4(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                      -----RLC----->

```

1. The outgoing call from the IUT sets echo device included.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_4

**Group** : EC/EN/

**Purpose** : To verify that a call can be setup from a non enhanced (simple) echo control switch where following exchanges support enhanced echo control signalling procedures and echo control equipment is available.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2, annex C.4.1 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_4			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0_EchoInf_3	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_EchoInf_14(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                        -----RLC----->

```

1. The outgoing call from the IUT sets echo device available.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_5

**Group** : EC/EN/

**Purpose** : To verify that a call can be setup from an ISUP'92 switch to an ISUP'97 enhanced echo control switch where following exchanges support enhanced echo control signalling procedures and echo control equipment is available.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2, annex C.4.2 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_5			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0 _EchoInf_3	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_14(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC (si) SPA (en) SPB (en)

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                      -----RLC----->

```

1. The outgoing call from the IUT sets echo device available.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_9_2_6 <b>Group</b> : EC/EN/ <b>Purpose</b> : To verify that a call can be terminated on a simple echo control switch after originating from an ISUP'97 enhanced echo control switch. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A) SUBTITLE: NONE REFERENCE: 2.7.2, annex C.5.1 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_6			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_1 _EchoInf_2	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC (en)      SPA (en)      SPB (si) <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM-----       .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM-----       .....communication..... &lt;-----REL-----  &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> 1. The outgoing call from the IUT sets echo device available.					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_7

**Group** : EC/EN/

**Purpose** : To verify that a call can be terminated on an ISUP'92 switch after originating from an ISUP'97 enhanced echo control switch where echo control equipment is provided.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2, annex C.5.2 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_7			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_1 _EchoInf_2	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_19(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC (en) SPA (en) SPB ('92)

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                        -----RLC----->

```

1. The outgoing call from the IUT sets echo device available.



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_9_2_8 <b>Group</b> : EC/EN/ <b>Purpose</b> : To verify that a call can be terminated on an ISUP'92 switch after originating from an ISUP'97 simple echo control switch where following exchanges support enhanced echo control signalling procedures. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A) SUBTITLE: NONE REFERENCE: 2.7.2, annex C.6.1 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_8			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_19(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC (si)      SPA (si)      SPB ('92) -----IAM----->    -----IAM-----> <-----ACM-----    <-----ACM----- .....,ringing tone ..... <-----ANM-----    <-----ANM----- .....,communication..... <-----REL-----    <-----REL----- -----RLC----->					
<hr/> 1. The outgoing call from the IUT sets echo device available.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_9_2_9 <b>Group</b> : EC/EN/ <b>Purpose</b> : To verify that a call can be terminated on an ISUP'97 simple echo control switch after originating from an ISUP'92 echo control switch where following exchanges support simple echo control signalling procedures. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A) SUBTITLE: NONE REFERENCE: 2.7.2, annex C.6.2 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_9			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC ('92)      SPA (si)      SPB (si) <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM-----       .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM-----       .....communication..... &lt;-----REL-----  &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> 1. The outgoing call from the IUT sets echo device available.					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_10

**Group** : EC/EN/

**Purpose** : To verify that interworking with Intelligent Network entities calls can be terminated on an enhanced echo control switch.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2, annex C.7 /Q.764  
 PRETEST\_CONDITIONS: Call invokes IN query.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_10			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0_EchoInf_3	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_0_EchoInf_4(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                      -----RLC----->

```

1. SPA initiates IN transaction.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_11

**Group** : EC/EN/

**Purpose** : To verify that a call with OECD information indicator set to o.i. (outgoing echo control device included) is correctly mapped to ECIF o.i. and ECIFA values o.a in the forward direction.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.767 echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2.2.3.1.1 Table 2 & 3/Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_11			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_1 _EchoInf_2	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_4(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC (en)      SPA (en)      SPB (en)

```

-----IAM----->  -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                        -----RLC----->

```

1. The outgoing call from the IUT sets echo device available.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_12

**Group** : EC/EN/

**Purpose** : To verify that a call with OECD information indicator set to o.n.i, o.a.. (outgoing echo control device not included but available) is correctly mapped to ECIF o.n.i. and ECIFA values o.a in the forward direction

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.767 echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2.2.3.1.1 Table 2 & 3/Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_12			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0 _EchoInf_3	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_4(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC (en) SPA (en) SPB (en)

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                        -----RLC----->

```

1. The outgoing call from the IUT sets echo device available.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_13

**Group** : EC/EN/

**Purpose** : To verify that a call with OECD information indicator set to o.n.i, o.n,a.. (outgoing echo control device not included and not available) is correctly mapped to ECIF o.n.i. and ECIFA values o.n,a in the forward direction

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.767 echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2.2.3.1.1 Table 2 & 3/Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_13			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0 _EchoInf_3	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_4(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC (en) SPA (en) SPB (en)

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                        -----RLC----->

```

1. The outgoing call from the IUT sets echo device available.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_14

**Group** : EC/EN/

**Purpose** : To verify that a call with OECD information not received and the ECD indicator set to o.n.i then the call is correctly mapped to ECIF o.n.i. and ECIFA values o.n,a in the forward direction

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.767 echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2.2.3.1.1 Table 2 & 3/Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_13			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0_EchoInf_3	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_EchoInf_4(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC (en) SPA (en) SPB (en)

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                        -----RLC----->

```

1. The outgoing call from the IUT sets echo device available.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_15

**Group** : EC/EN/

**Purpose** : To verify that a call with OECD information not received and the ECD indicator set to o.i then the call is correctly mapped to ECIF o.i. and ECIFA values o.a in the forward direction

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.767 echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2.2.3.1.1 Table 2 & 3/Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_13			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_1 _EchoInf_2	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_4(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC (en) SPA (en) SPB (en)

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                        -----RLC----->

```

1. The outgoing call from the IUT sets echo device available.



### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_16

**Group** : EC/EN/

**Purpose** : To verify that a call with OECD information set to no information then the call is correctly mapped to ECIF o.n.i. and ECIFA values o.n.a in the forward direction

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.767 echo control procedure for call setup (initiated in SP A)  
SUBTITLE: NONE  
REFERENCE: 2.7.2.2.3.1.1 Table 2 & 3/Q.764  
PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_13			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0_EchoInf_1	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_EchoInf_4(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC (en) SPA (en) SPB (en)

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
                        -----RLC----->

```

1. The outgoing call from the IUT sets echo device available.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_9\_2\_17

**Group** : EC/EN/

**Purpose** : To verify that on reception of IECD and OECD indicators in an NRM message the correct ECRF values are sent.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A)  
 SUBTITLE: NONE  
 REFERENCE: 2.7.2.2.3.1.3 Table 4/Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_17			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0 _EchoInf_3	(P)	1.
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_4(cic)		
5		LAB! S_NRM	NRM_BA_ECI_10(cic)		
6		+S_ANM_etc_BA			

**Detailed Comments** :

SPC	SPA	SPB
-----IAM----->	-----IAM----->	
<-----ACM-----	<-----ACM-----	
.....ringing tone .....		
	<-----NRM-----	
<-----ANM-----	<-----ANM-----	
.....communication.....		
<-----REL-----	<-----REL-----	
	-----RLC----->	

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_9_2_18 <b>Group</b> : EC/EN/ <b>Purpose</b> : To verify that on reception of the ECRF event an NRM message is generated with the correct OECD request indicator and IECD request indicator in the echo control information parameter. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A) SUBTITLE: NONE REFERENCE: 2.7.2.2.3.1.4 Table 5/Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_18			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0 _EchoInf_3	(P)	
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_E choInf_14(cic)		
5		LAB! S_NRM	NRM_BA_ECI_10(cic)		
6		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone ..... <-----ANM----- <-----ANM----- <-----NRM----- .....communication..... <-----REL----- <-----REL-----					

Continued on next page

*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----&gt;

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_9_2_19 <b>Group</b> : EC/EN/ <b>Purpose</b> : To verify that on reception of an echo request event (ECRB) an OECD request is included in the first backward message to the preceding exchange. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 enhanced echo control procedure for call setup (initiated in SP A) SUBTITLE: NONE REFERENCE: 2.7.2.2.3.2.2 Table 7.1 & 7.2/Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_9_2_19			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_NatCon_ECDI_0_EchoInf_3	(P)	
4		LAB! S_ACM	ACM_BA_BCI_ECDI_1_EchoInf_14(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM-----       .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- &lt;-----NRM-----       .....communication..... &lt;-----REL-----  &lt;-----REL-----                         -----RLC-----&gt; </pre>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_10_1_1 <b>Group</b> : TAR/ <b>Purpose</b> : To verify that an exchange which applies network management controls for temporary alternate routing sets the TAR indicator to TAR controlled call in an initial address message. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 support for Temporary alternative routing (TAR) SUBTITLE: NONE REFERENCE: 2.16 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_10_1_1			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TAR_call	(P)	1.
4		LAB! S_ACM	ACM_BA(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt; -----IAM-----&gt; &lt;-----ACM----- &lt;-----ACM-----       .....ringing tone ..... &lt;----ANM----- &lt;----ANM-----       .....communication..... &lt;----REL----- &lt;----REL-----                   -----RLC-----&gt; </pre> <hr/> 1. The outgoing call from the IUT sets temporary alternate routing controls.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_10_1_2 <b>Group</b> : TAR/ <b>Purpose</b> : To verify that on reception of a network management control parameter with the TAR indicator set to TAR controlled call in an initial address message the subsequent exchange does not apply network management temporary alternate routing. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 support for Temporary alternative routing (TAR) SUBTITLE: NONE REFERENCE: 2.16 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_10_1_2			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TAR_call	(P)	1.
4		LAB! S_ACM	ACM_BA(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt; -----IAM-----&gt; &lt;-----ACM----- &lt;-----ACM-----       .....ringing tone ..... &lt;-----ANM----- &lt;-----ANM-----       .....communication..... &lt;-----REL----- &lt;-----REL-----                         -----RLC-----&gt; </pre> <hr/> 1. The outgoing call from the IUT passes the temporary alternate routing controls.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_11_1_1 <b>Group</b> : HOP/ <b>Purpose</b> : To verify that when the hop counter capability is activated the outgoing IAM includes the hop counter parameter set to the initial count value. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 support for Hop Counter Procedure SUBTITLE: NONE REFERENCE: 2.17.1 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_11_1_1			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC, HopVal:=R_IAM.isup_pdu.HopCnt.hop_counter)	IAM_AB	(P)	1.
4		(TCV_Hop_val1:=(TSO_BIT_5_TO_INT(HopVal)))			
5		[TCV_Hop_val1=TSP_HopCnt]			
6		LAB! S_ACM	ACM_BA(cic)	(P)	
7		+S_ANM_etc_BA			
8		[NOT (TCV_Hop_val1=TSP_HopCnt)]			
9		LAB! S_REL	REL_BA_C25(cic)	(F)	
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone ..... <-----ANM----- <-----ANM-----					

Continued on next page



*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

.....communication.....  
<----REL----- <-----REL-----  
-----RLC-----> -----RLC----->

---

1. Hop counter capability activated at SP A.

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_11\_1\_2

**Group** : HOP/

**Purpose** : To verify that when a call forwarding exchange receives a Release message with cause No 25 (exchange routing error), the management system is notified and cause value 31 (normal unspecified) returned to the preceding exchange.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 support for Hop Counter Procedure  
 SUBTITLE: NONE  
 REFERENCE: 2.17.1 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_11_1_2			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC, HopVal:=R_IAM.isup_pdu.HopCnt.hop_counter)	IAM_AB_HOP_CNT	(P)	
4		LAB! S_REL	REL_BA_C25(cic)		
5		LAB? R_RLC	RLC_AB(cic)	(P)	

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_11\_1\_3

**Group** : HOP/

**Purpose** : To verify that when an originating exchange receives a Release message with cause No 25 (exchange routing error), the management system is notified.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 support for Hop Counter Procedure  
 SUBTITLE: NONE  
 REFERENCE: 2.17.1 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_11_1_3			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC, HopVal:=R_IAM.isup_pdu.HopCnt.hop_counter)	IAM_AB_HOP_CNT	(P)	
4		LAB! S_REL	REL_BA_C25(cic)		
5		LAB? R_RLC	RLC_AB(cic)	(P)	

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_11_1_4 <b>Group</b> : HOP/ <b>Purpose</b> : To verify that when the hop counter parameter is received in an IAM the intermediate exchange decrements the hop counter parameter by one in the outgoing IAM. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 support for Hop Counter Procedure SUBTITLE: NONE REFERENCE: 2.17.2 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_11_1_4			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC, HopVal:=R_IAM.isup_pdu.HopCnt.hop_counter)	IAM_AB_HOP_CNT	(P)	
4		(TCV_Hop_val1:=(TSO_BIT_5_TO_INT(HopVal)))			
5		[TCV_Hop_val1=(TSP_HopCnt-1)]		(P)	
6		LAB! S_ACM	ACM_BA(cic)		
7		+S_ANM_etc_BA			
8		[NOT (TCV_Hop_val1=(TSP_HopCnt-1))]		(F)	
9		LAB! S_REL	REL_BA_C25(cic)		
10		LAB? R_RLC	RLC_AB(cic)	(F)	
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM-----> -----IAM-----> <-----ACM----- <-----ACM----- .....ringing tone .....					

Continued on next page

Test Case Dynamic Behaviour
<p><b>Detailed Comments :</b> ...</p> <pre> &lt;----ANM-----  &lt;----ANM-----       .....communication..... &lt;----REL-----  &lt;----REL----- -----RLC-----&gt;  -----RLC-----&gt; </pre>

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### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_12\_1\_1

**Group** : CALLCOL/

**Purpose** : To verify that when an exchange invokes an operator service request that a call be charged to a called party then a collect call request parameter coded to collect call requested is sent in the IAM sent beyond that exchange.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 support for Call Collect Request Procedure  
SUBTITLE: NONE  
REFERENCE: 2.18 /Q.764  
PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_12_1_1			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_CallColl	(P)	1.
4		LAB! S_ACM	ACM_BA(cic)		
5		+S_ANM_etc_BA			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

1. The outgoing call from the IUT sets collect call requested

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_12_1_2 <b>Group</b> : CALLCOL/ <b>Purpose</b> : To verify that when an exchange receives an indication in an IAM of a collect call request parameter coded to collect call requested then that exchange takes correct action to charge the called party. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 support for Call Collect Request Procedure SUBTITLE: NONE REFERENCE: 2.18 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_12_1_2			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_CallColl	(P)	1.
4		LAB! S_ACM	ACM_BA(cic)		
5		+S_ANM_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM-----       .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM-----       .....communication..... &lt;-----REL-----  &lt;-----REL----- -----RLC-----&gt;  -----RLC-----&gt; </pre> <hr/> 1. The outgoing call from the IUT sets collect call requested					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_1 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that when an exchange receives an IAM with the TMR set to Nx64k/bits service and circuit assignment map parameter is not included then the correct number of contiguous circuits is selected with the lowest member circuit being identified by the circuit identification code. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.1.13 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_1			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		REPEAT Check_Busy UNTIL [TCV_cic=BIT_TO_INT(cic)+4]			
7		+S_REL_etc_BA			
8		Check_Busy			2.
9		(TCV_cic:=(BIT_TO_INT(cic)+1))			1.
9		LAB! S_IAM	IAM_BA(TSO_INT_TO_BI T_12(TCV_cic))		
10		+Delay			Wait 1–5 seconds
<b>Detailed Comments</b> : SPC                      SPA                      SPB -----IAM-----> -----IAM----->					

Continued on next page



*Continued from previous page***Test Case Dynamic Behaviour****Detailed Comments : ...**

```
<-----ACM----- <-----ACM-----  
.....ringing tone .....  
<-----ANM----- <-----ANM-----  
.....communication.....  
<-----REL----- <-----REL-----  
-----RLC-----> -----RLC----->
```

- 
1. If any response to IAM on busy cct the do "AnyOtherEventUnexpected" and fail the test.
  2. TCV\_cic is an integer used for manipulation of CIC values.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_2 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that when an exchange receives an IAM with the TMR set to Nx64k/bits service and circuit assignment map parameter is included then the correct number of non-contiguous circuits is selected as specified by the circuit assignment map parameter. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.1.13 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_2			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64_CCT _MAP	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+S_REL_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----ACM-----  &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM-----  &lt;-----ANM----- .....communication..... &lt;-----REL-----  &lt;-----REL----- -----RLC-----&gt;  -----RLC-----&gt; </pre>					

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_a

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 3x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_3X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_b

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 4x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_b			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_c

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 5x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_c			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_5X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_d

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 7x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_d			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_7X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_e

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 8x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_e			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_8X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_f

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 9x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_f			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_9X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```



### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_g

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 10x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
SUBTITLE: NONE  
REFERENCE: 2.1.13 /Q.764  
PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_g			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_10X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_h

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 11x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_h			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_11X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_i

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 12x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
SUBTITLE: NONE  
REFERENCE: 2.1.13 /Q.764  
PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_i			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_12X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
.....ringing tone .....
<-----ANM-----  <-----ANM-----
.....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_j

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 13x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
SUBTITLE: NONE  
REFERENCE: 2.1.13 /Q.764  
PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_j			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_13X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_k

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 14x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_k			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_14X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_I

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 15x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_I			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_15X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_m

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 16x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_m			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_16X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_n

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 17x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_n			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_17X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```



### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_o

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 18x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_o			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_18X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_p

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 19x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_p			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_19X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_q

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 20x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_q			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_20X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_r

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 21x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_r			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_21X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_s

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 22x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_s			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_22X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_t

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 23x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_t			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_23X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_u

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 25x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_u			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_25X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_v

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 26x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_v			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_26X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```



### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_w

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 27x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_w			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_27X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_x

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 28x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_x			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_28X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

### Test Case Dynamic Behaviour

**Test Case Name** : IBC\_V\_13\_1\_3\_y

**Group** : Nx64k/

**Purpose** : To verify that when an exchange receives an IAM with the TMR set to 29x64k/bits unrestricted then the correct number of contiguous circuits is selected and the call is successfully completed.

**Configuration** : Default

**Default** : AnyOtherEventUnexpected

**Comments** : TITLE: Q.764 Procedure for Nx64 kbit/s connection type  
 SUBTITLE: NONE  
 REFERENCE: 2.1.13 /Q.764  
 PRETEST\_CONDITIONS: None.

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_3_y			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_29X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+Check_communication_Nx64			
7		+G_Release_call			
8		+Check_circuits_idle_Nx64(cic)			

**Detailed Comments** : SPC                      SPA                      SPB

```

-----IAM----->  -----IAM----->
<-----ACM-----  <-----ACM-----
      .....ringing tone .....
<-----ANM-----  <-----ANM-----
      .....communication.....
<-----REL-----  <-----REL-----
-----RLC----->  -----RLC----->

```

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_4 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that when an intermediate exchange receives an IAM with the TMR set to Nx64k/bits service then the correct number of non-contiguous circuits are selected in the outgoing call as specified by the regenerated circuit assignment map parameter. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.1.13 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_4			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64_CCT _MAP	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+S_REL_etc_BA			
<b>Detailed Comments</b> : SPC                      SPA                      SPB <pre> -----IAM-----&gt; -----IAM-----&gt; &lt;-----ACM----- &lt;-----ACM----- .....ringing tone ..... &lt;-----ANM----- &lt;-----ANM----- .....communication..... &lt;-----REL----- &lt;-----REL----- -----RLC-----&gt; -----RLC-----&gt; </pre>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_5 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that an ISC supporting non-contiguous circuit selection interworking with an exchange supporting only contiguous circuit selection and ISUP'92 multirate connection types receives an IAM from either source that only contiguous circuit selection is regenerated. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.1.13 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_5			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
4		LAB! S_ACM	ACM_BA(cic)		
5		LAB! S_ANM	ANM_BA(cic)		
6		+S_REL_etc_BA			
7		REPEAT Check_Busy UNTIL [TCV_cic=BIT_TO_INT(cic)+4]			
8		+S_REL_etc_BA			
9		Check_Busy (TCV_cic:=(BIT_TO_INT(cic)+1))			2.
10		LAB! S_IAM	IAM_BA(TSO_INT_TO_BIT_12(TCV_cic))		1.
11		+Delay			Wait 1–5 seconds

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### Test Case Dynamic Behaviour

**Detailed Comments :** SPC (ISUP'97) SPA SPB (eg. ISUP '92)

```

-----IAM-----> -----IAM----->
<-----ACM----- <-----ACM-----
.....ringing tone .....
<-----ANM----- <-----ANM-----
.....communication.....
<-----REL----- <-----REL-----
-----RLC-----> -----RLC----->

```

- 
1. If any response to IAM on busy cct the do "AnyOtherEventUnexpected" and fail the test.
  2. TCV\_cic is an integer used for manipulation of CIC values.

A non-contiguous left side stimulus is regenerated into a contiguous right side setup which is checked for that functionality of compatibility with contiguous only selection.eg. ISUP '92

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_6 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that in the event of dual seizure where different connection types occur the call with the greater number of 64 kbit/s circuits has priority. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.9.1.4 b) /Q.764 PRETEST_CONDITIONS: CIC 1 should be equipped on the 2048 Kbit system.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_6			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_25X64		
4		(cic2 := TSO_INT_TO_BIT_12(9))			1.
5		LAB! S_IAM	IAM_BA_TMR_2X64(cic2)		
6		LAB! S_CON	CON_BA(cic)	(P)	2.
7		+Check_communication_Nx64			
8		(cic1 := TSO_INT_TO_BIT_12(27))			3.
9		LAB! S_IAM	IAM_BA_TMR_2X64(cic1)		
10		LAB? R_CON	CON_AB(cic1)		
11		+Check_communication_2x64			
12		LAB! S_REL	REL_BA(cic1)		4.
13		LAB? R_RLC	RLC_AB(cic1)		
14		LAB! S_REL	REL_BA(cic)		5.

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Test Case Dynamic Behaviour				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
15		LAB? R_RLC	RLC_AB(cic)	
16		+Check_circuits_idle_1920(cic)		6.
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> -----setup-----&gt; -----IAM-----&gt; (CIC=1,TMR=25X64 kbit/s)                         &lt;-----IAM----- (CIC=9,TMR=2x64 kbit/s) &lt;-----connect----- &lt;-----CON----- (CIC=1) .....communication..... (CIC=1..25) &lt;-----setup----- &lt;-----IAM----- (CIC=26,TMR=2X64 kbit/s) -----connect-----&gt; -----CON-----&gt; (CIC=26) .....communication..... (CIC=26..27) &lt;-----release----- &lt;-----REL----- (CIC=26)                         -----RLC-----&gt; (CIC=26) &lt;-----release----- &lt;-----REL----- (CIC=1)                         -----RLC-----&gt; (CIC=1) </pre> <p>1. The CIC value to be used by the 2x64 kbit/s call is set to 9. The CICs 9 and 10 are used by the 25X64 kbit/s call.  2. The 25X64 kbit/s call shall not be backed off because it uses more circuits than the 2x64 kbit/s call.  3. The CIC value to be used for the repeat attempt of the 2x64 kbit/s call is set to 27. The CICs 27 and 28 are not used by the 25X64 kbit/s call.  4. The 2x64 kbit/s call is released.  5. The 25X64 kbit/s call is released.  6. It is checked that all circuits are idle again.</p>				



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_7 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that in the event of dual seizure where the same multirate connection types occur the circuit identification code value in the IAM is divided by the number of 64 kbit/s circuits required by the call with the resulting integer used to determine for higher signalling point code and even result for priority on the call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.9.1.4 c) /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_7			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_10X64		
4		LAB! S_IAM	IAM_BA_TMR_10X64(cic)		
5		+Verify_Controlling_IUT			
		Verify_Controlling_IUT			
6		(TCV_count0:=((BIT_TO_INT(cic)) / 10)MOD 2)			1.
7		(TCV_A:=BIT_TO_INT(TSP_SPA_R))			SPC A
8		(TCV_B:=BIT_TO_INT(TSP_SPB))			SPC B
9		[TCV_count0=0]			even
10		[TCV_A>TCV_B]			A>B
11		+SP_Control_call			
12		[TCV_A<TCV_B]			A<B

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**Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----> (CIC=1)

1. This operation always produces an even result (therefore control of call ) for cic values less than the number of 64k bit ccts required for the call due to the logic described in the ref Q.764. A new algorithm will be described when Q.764 is amended.
2. Failure of the rest case is only anticipated if the default action AnyOtherEventUnexpected is run.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_8 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that in the event of dual seizure where the same multirate connection types occur the circuit identification code value in the IAM is divided by the number of 64 kbit/s circuits required with the resulting integer used to determine for lower signalling point code and odd result for priority on the call. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.9.1.4 c) /Q.764 PRETEST_CONDITIONS: Block sufficient ccts to ensure delivery of call on correct CIC.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_8			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_10X64		
4		LAB! S_IAM	IAM_BA_TMR_10X64(cic)		
5		+Verify_Controlling_IUT			
		Verify_Controlling_IUT			
6		(TCV_count0:=((BIT_TO_INT(cic)) / 10)MOD 2)			1.
7		(TCV_A:=BIT_TO_INT(TSP_SPA_R))			SPC A
8		(TCV_B:=BIT_TO_INT(TSP_SPB))			SPC B
9		[TCV_count0=0]			even
10		[TCV_A>TCV_B]			A>B
11		+SP_Control_call			
12		[TCV_A<TCV_B]			A<B

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**Test Case Dynamic Behaviour****Detailed Comments : ...**

-----RLC-----> (CIC=1)

1. This operation always produces an even result (therefore control of call ) for cic values less than the number of 64k bit ccts required for the call due to the logic described in the ref Q.764. A new algorithm will be described when Q.764 is amended.
2. Failure of the rest case is only anticipated if the default action AnyOtherEventUnexpected is run.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_9 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that in the event of dual seizure where one of the calls is of Nx64 kbit/s connection type one exchange will control all the circuits derived to support the Nx64 kbit/s connection. (dependant on bilateral agreement) <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.9.1.4 d) /Q.764 PRETEST_CONDITIONS: Dependant on bilateral agreement.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_9			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_10X64		
4		LAB! S_IAM	IAM_BA(cic)		
5		+Verify_Controlling_IUT			
		Verify_Controlling_IUT			
6		(TCV_count0:=((BIT_TO_INT(cic)) / 10)MOD 2)			1.
7		(TCV_A:=BIT_TO_INT(TSP_SPA_R))			SPC A
8		(TCV_B:=BIT_TO_INT(TSP_SPB))			SPC B
9		[TCV_count0=0]			even
10		[TCV_A>TCV_B]			A>B
11		+SP_Control_call			
12		[TCV_A<TCV_B]			A<B
13		+SP_Non_Control_call			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
14		[TCV_count0>0]			odd
15		[TCV_A<TCV_B]			A<B
16		+SP_Control_call			
17		[TCV_A>TCV_B]			A>B
18		+SP_Non_Control_call			
		SP_Control_call			
19		I_CP! CM_CONTROL	CM_control_A		
20		LAB? R_CON	CON_AB(cic)	(P)	
21		+Check_communication_Nx64			
22		LAB! S_REL	REL_BA(cic)		
23		LAB? R_RLC	RLC_AB(cic)		
		SP_Non_Control_call			
24		I_CP! CM_CONTROL	CM_control_B		
25		LAB! S_CON	CON_BA(cic)	(P)	
26		+Check_communication_Nx64			
27		LAB! S_REL	REL_BA(cic)		
28		LAB? R_RLC	RLC_AB(cic)		
<b>Detailed Comments :</b> SPC                      SPA                      SPB -----setup----->    -----IAM-----> (CIC=1,TMR=10X64 kbit/s) <-----IAM----- (CIC=1) <-----connect----- <-----CON----- (CIC=1) (non controlling example) .....communication..... (CIC=1..10) <-----release----- <-----REL----- (CIC=1) -----RLC-----> (CIC=1)					

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Test Case Dynamic Behaviour
<p><b>Detailed Comments : ...</b></p> <ol style="list-style-type: none"><li>1. This operation always produces an even result (therefore control of call ) for cic values less than the number of 64k bit ccts required for the call due to the logic described in the ref Q.764. A new algorithm will be described when Q.764 is amended.</li><li>2. Failure of the rest case is only anticipated if the default action AnyOtherEventUnexpected is run.</li></ol>

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_10 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that in the event of reset circuit being received for a circuit being used by a Nx64 kbit/s all the circuits associated with that call are cleared. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.9.3.1 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_10			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
4		LAB! S_CON	CON_BA(cic)		
5		(TCV_cic:=(BIT_TO_INT(cic)+1))			
6		LAB! S_RSC	RSC_BA(TSO_INT_TO_BIT_12(TCV_cic))		
7		LAB? R_RLC	RLC_AB(TSO_INT_TO_BIT_12(TCV_cic))	(P)	
8		LAB? R_REL	REL_AB(cic)	(P)	
9		LAB! S_RLC	RLC_BA(cic)		
10		+Check_Idle			
		Check_Idle			
11		LAB! S_IAM	IAM_BA_TMR_2X64(cic)		1.
12		LAB? R_CON	CON_AB(cic)	(P)	

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		+G_Release_call			
<p><b>Detailed Comments :</b> SPC                      SPA                      SPB</p> <pre> -----IAM-----&gt;  -----IAM-----&gt; &lt;-----CON----- &lt;-----CON----- .....communication.....                         &lt;-----RSC----- &lt;-----REL-----  -----RLC-----&gt; -----RLC-----&gt; </pre> <hr/> <p>1. Check response to IAM to verify ccts are idle  2. TCV_cic is an integer used for manipulation of CIC values.</p>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_10_a <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that in the event of reset circuit being received for a circuit where an IAM for a Nx64 kbit/s call has been sent but no backward message has been received then an automatic repeat attempt will be made after clearing the original circuits. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.9.3.1 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_10_a			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
4		(TCV_cic:=(BIT_TO_INT(cic)+1))			
5		LAB! S_RSC	RSC_BA(TSO_INT_TO_BIT_12(TCV_cic))		
6		LAB? R_RLC	RLC_AB(TSO_INT_TO_BIT_12(TCV_cic))	(P)	
7		LAB? R_REL	REL_AB(cic)	(P)	
8		LAB! S_RLC	RLC_BA(cic)		
9		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
10		LAB! S_CON	CON_BA(cic)		
11		+G_Release_call			
12		+Check_Idle			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		Check_Idle			
14		LAB! S_IAM	IAM_BA_TMR_2X64(cic)		1.
15		LAB? R_CON	CON_AB(cic)	(P)	
		+G_Release_call			

**Detailed Comments :** SPC SPA SPB

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-----IAM-----> -----IAM----->
                        <-----RSC-----
<-----REL-----  -----RLC----->
-----RLC----->
-----IAM-----> -----IAM----->
etc.....

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1. Check response to IAM to verify ccts are idle
2. TCV\_cic is an integer used for manipulation of CIC values.

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_11 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that in the event of circuit group reset being received for a circuit being used by a Nx64 kbit/s all the circuits associated with that call are cleared. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.9.3.2 /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_11			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
4		LAB! S_CON	CON_BA(cic)		
5		LAB! S_GRS	GRS_BA(TSP_GrpCIC)		
6		LAB? R_GRA	GRA_AB(TSP_GrpCIC)	(P)	
7		LAB? R_REL	REL_AB(cic)	(P)	
8		LAB! S_RLC	RLC_BA(cic)		
9		+Check_Idle			
		Check_Idle			
10		LAB! S_IAM	IAM_BA_TMR_2X64(cic)		1.
11		LAB? R_CON	CON_AB(cic)	(P)	
12		+G_Release_call			

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Test Case Dynamic Behaviour			
Detailed Comments :	SPC	SPA	SPB
	-----IAM----->	-----IAM----->	
	<-----CON-----	<-----CON-----	
	.....communication.....		
		<-----RSC-----	
	<-----REL-----	-----RLC----->	
	-----RLC----->		
<hr/>			
1. Check response to IAM to verify ccts are idle			
2. TCV_cic is an integer used for manipulation of CIC values.			

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_12 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that in the event of a release complete message being received for a circuit being used by a Nx64 kbit/s where a release message has not been sent then a release message is sent for the lowest circuit identification code of the Nx64 kbit/s call and all the circuits associated with that call are cleared. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.9.5.1 e) /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_12			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
4		LAB! S_CON	CON_BA(cic)		
5		(TCV_cic:=(BIT_TO_INT(cic)+1))			
6		LAB! S_RLC	RLC_BA(TSO_INT_TO_BIT_12(TCV_cic))		
7		LAB? R_REL	REL_AB(TSO_INT_TO_BIT_12(TCV_cic))	(P)	
8		LAB! S_RLC	RLC_BA(TSO_INT_TO_BIT_12(TCV_cic))		
9		LAB? R_REL	REL_AB(cic)	(P)	
10		LAB! S_RLC	RLC_BA(cic)		
11		+Check_Idle			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
12		Check_Idle	IAM_BA_TMR_2X64(cic) CON_AB(cic)	(P)	1.
13		LAB! S_IAM			
14		LAB? R_CON			
		+G_Release_call			
<div>Detailed Comments : SPC SPA SPB</div> <div>-----IAM-----&gt; -----IAM-----&gt;</div> <div>&lt;-----CON----- &lt;-----CON-----</div> <div>.....communication.....</div> <div>&lt;-----RLC----- (CIC X)</div> <div>-----REL-----&gt; (CIC X)</div> <div>&lt;-----RLC----- (CIC X)</div> <div>&lt;-----REL----- -----REL-----&gt;</div> <div>-----RLC-----&gt; &lt;-----RLC-----</div> <div>1. Check response to IAM to verify ccts are idle</div> <div>2. TCV_cic is an integer used for manipulation of CIC values.</div>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_13 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that in the event that an unexpected message is received for a call where circuits are seized for a Nx64 kbit/s call but prior to the receipt of a backward message multiple reset circuit messages or a circuit group reset message is sent then for an incoming call and any interconnected circuits will be released. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.9.5.1 f) /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_13			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
4		(TCV_cic:=(BIT_TO_INT(cic)+1))			
5		LAB! S_SUS	SUS_BA(TSO_INT_TO_BIT_12(TCV_cic))		
6		LAB? R_RLC	RLC_AB(TSO_INT_TO_BIT_12(TCV_cic))	(P)	
7		LAB? R_REL	REL_AB(cic)	(P)	
8		LAB! S_RLC	RLC_BA(cic)		
9		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
10		LAB! S_CON	CON_BA(cic)		
11		+G_Release_call			
12		+Check_Idle			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		Check_Idle	IAM_BA_TMR_2X64(cic) CON_AB(cic)	(P)	1.
14		LAB! S_IAM			
15		LAB? R_CON			
		+G_Release_call			
<div>Detailed Comments : SPC                      SPA                      SPB</div> <div>-----IAM-----&gt;    -----IAM-----&gt;</div> <div>                                 &lt;-----SUS----- (unexpected message)</div> <div>                                 -----GRS-----&gt;</div> <div>                                 &lt;-----GRA-----</div> <div>&lt;-----GRS-----</div> <div>-----GRA-----&gt;</div> <div>-----IAM-----&gt;    -----IAM-----&gt;</div> <div>etc.....</div> <div></div> <div>1. Check response to IAM to verify ccts are idle</div> <div>2. TCV_cic is an integer used for manipulation of CIC values.</div>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : IBC_V_13_1_14 <b>Group</b> : Nx64k/ <b>Purpose</b> : To verify that in the event that an unexpected message is received for a call where circuits are seized for a Nx64 kbit/s call but prior to the receipt of a backward message multiple reset circuit messages or a circuit group reset message is sent then for an outgoing call and an automatic repeat attempt is provided on another circuit. <b>Configuration</b> : Default <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : TITLE: Q.764 Procedure for Nx64 kbit/s connection type SUBTITLE: NONE REFERENCE: 2.9.5.1 f) /Q.764 PRETEST_CONDITIONS: None.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+S_13_1_14			
3		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
4		(TCV_cic:=(BIT_TO_INT(cic)+1))			
5		LAB! S_SUS	SUS_BA(TSO_INT_TO_BIT_12(TCV_cic))		
6		LAB? R_GRS	GRS_AB(cic)	(P)	
7		LAB! S_GRA	GRA_BA(cic)		
8		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_TMR_4X64	(P)	
9		LAB! S_CON	CON_BA(cic)		
10		+G_Release_call			
11		+Check_Idle			
		Check_Idle			
12		LAB! S_IAM	IAM_BA_TMR_2X64(cic)		1.

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
13		LAB? R_CON	CON_AB(cic)	(P)	
14		+G_Release_call			
<div>Detailed Comments : SPC<span style="margin-left: 100px;">SPA</span><span style="margin-left: 100px;">SPB</span><div><div>-----IAM-----&gt;</div><div><div>&lt;-----SUS----- (unexpected message)</div><div>-----GRS-----&gt;</div><div>&lt;-----GRA-----</div><div>-----IAM-----&gt; (repeat attempt)</div></div><div>&lt;-----CON----- &lt;-----CON-----</div><div>etc.....</div></div><div><div>1. Check response to IAM to verify ccts are idle</div><div>2. TCV_cic is an integer used for manipulation of CIC values.</div></div></div>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuit_idle(CICNb:BIT_12) <b>Group</b> : Common_steps/ <b>Objective</b> : To check that the currently used circuit is idle again <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_circuit_idle_stim			
2		LAB! S_IAM	IAM_BA(CICNb)		
3		LAB? R_ACM	ACM_AB(CICNb)		
4		LAB? R_ANM	ANM_AB(CICNb)		
5		LAB! S_REL	REL_BA(CICNb)		
6		LAB? R_RLC	RLC_AB(CICNb)	(P)	
<b>Detailed Comments</b> : Note: This step works correctly only if all CICs in the PCM are bothway circuits.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuits_idle_Nx64(CICNb:BIT_12)					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check that the currently used circuit is idle again					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_circuit_idle_stim			1.
2		LAB! S_IAM	IAM_BA_TMR_2X64(CICNb)		
3		LAB? R_ACM	ACM_AB(CICNb)		
4		LAB? R_ANM	ANM_AB(CICNb)		
5		LAB! S_REL	REL_BA(CICNb)		
6		LAB? R_RLC	RLC_AB(CICNb)	(P)	
<b>Detailed Comments</b> :					
1. Constraint IAM_AC matches also on receipt of the following IAM					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuits_idle_2x64(CICNb:BIT_12)					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check that the currently used circuit is idle again					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_circuit_idle_stim			1.
2		LAB! S_IAM	IAM_BA_TMR_2X64(CICNb)		
3		LAB? R_ACM	ACM_AB(CICNb)		
4		LAB? R_ANM	ANM_AB(CICNb)		
5		LAB! S_REL	REL_BA(CICNb)		
6		LAB? R_RLC	RLC_AB(CICNb)	(P)	
<b>Detailed Comments</b> :					
1. Constraint IAM_AC matches also on receipt of the following IAM					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuits_idle_384(CICNb:BIT_12) <b>Group</b> : Common_steps/ <b>Objective</b> : To check that the currently used circuit is idle again <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_circuit_idle_stim			1.
2		LAB! S_IAM	IAM_BA_TMR_384(CICNb)		
3		LAB? R_ACM	ACM_AB(CICNb)		
4		LAB? R_ANM	ANM_AB(CICNb)		
5		LAB! S_REL	REL_BA(CICNb)		
6		LAB? R_RLC	RLC_AB(CICNb)	(P)	
<b>Detailed Comments :</b> 1. Constraint IAM_AC matches also on receipt of the following IAM					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuits_idle_1536(CICNb:BIT_12) <b>Group</b> : Common_steps/ <b>Objective</b> : To check that the currently used circuit is idle again <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_circuit_idle_stim			1.
2		LAB! S_IAM	IAM_BA_TMR_1536(CICNb)		
3		LAB? R_ACM	ACM_AB(CICNb)		
4		LAB? R_ANM	ANM_AB(CICNb)		
5		LAB! S_REL	REL_BA(CICNb)		
6		LAB? R_RLC	RLC_AB(CICNb)	(P)	
<b>Detailed Comments :</b> 1. Constraint IAM_AC matches also on receipt of the following IAM					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuits_idle_1920(CICNb:BIT_12) <b>Group</b> : Common_steps/ <b>Objective</b> : To check that the currently used circuit is idle again <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_circuit_idle_stim			1.
2		LAB! S_IAM	IAM_BA_TMR_1920(CICNb)		
3		LAB? R_ACM	ACM_AB(CICNb)		
4		LAB? R_ANM	ANM_AB(CICNb)		
5		LAB! S_REL	REL_BA(CICNb)		
6		LAB? R_RLC	RLC_AB(CICNb)	(P)	
<b>Detailed Comments :</b> 1. Constraint IAM_AC matches also on receipt of the following IAM					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuit_idle_stim <b>Group</b> : Common_steps/ <b>Objective</b> : To check that the currently used circuit is again idle <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:Check_circuit_idle_I_PTC)			
3		[Local]			
4		CREATE (A_PTC:Check_circuit_idle_A_PTC)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuit_idle_I_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To check that the currently used circuit is again idle <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		LAC? R_REL	REL_AC(cic)		
6		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuit_idle_A_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To check that the currently used circuit is again idle <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr(cr_in :=TSV_CREF1)	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		ACH! CONN	S_CONNECT(cr_in)		
5		ACH? DISCr	R_DISC		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_all_circuits_idle <b>Group</b> : Common_steps/ <b>Objective</b> : Check that all circuits between SPA and SPB are idle. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(TCV_count0 := 0)			
2		REPEAT Circuit_idle UNTIL [TCV_count0 = TSO_OCT1_TO_INT(TSP_GrpRange)]			
		Circuit_idle			
3		+Check_circuit_idle(cic)			
4		(cic := TSO_Next_CIC(cic))			
5		(TCV_count0 := TCV_count0 + 1)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_part1_circuits_idle <b>Group</b> : Common_steps/ <b>Objective</b> : Check that the first part of circuits between SPA and SPB are idle. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC)			
2		(TCV_count0 := 0)			
3		REPEAT Circuit_idle UNTIL [TCV_count0 = TSO_OCT1_TO_INT(TSP_GrpRange) – TSO_OCT1_TO_INT(TSP_GrpRange2) + 1]			
		Circuit_idle			
4		+Check_circuit_idle(cic)			
5		(cic := TSO_Next_CIC(cic))			
6		(TCV_count0 := TCV_count0 + 1)			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_part2_circuits_idle <b>Group</b> : Common_steps/ <b>Objective</b> : Check that second part of circuits between SPA and SPB are idle. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC2)			
2		(TCV_count0 := 0)			
3		REPEAT Circuit_idle UNTIL [TCV_count0 = TSO_OCT1_TO_INT(TSP_GrpRange2)]			
4		Circuit_idle +Check_circuit_idle(cic)			
5		(cic := TSO_Next_CIC(cic))			
6		(TCV_count0 := TCV_count0 + 1)			
<b>Detailed Comments</b> : .					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication <b>Group</b> : Common_steps/ <b>Objective</b> : To check if it is possible to communicate over the assigned circuit <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAB! TONE_REQ	S_COMM_TONE(cic)		
2		CAB? TONE_IND	R_COMM_TONE(cic)	(P)	
<b>Detailed Comments</b> : SPC            SPA            SPB <-----COMM_TONE-----<-----COMM_TONE----- -----COMM_TONE-----> -----COMM_TONE----->					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_Nx64					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAB! TONE_REQ	S_COMM_TONE_Nx64(cic)	(P)	
2		CAB? TONE_IND	R_COMM_TONE_Nx64(cic)		
<b>Detailed Comments</b> : SPC SPA SPB <-----COMM_TONE-----<-----COMM_TONE-----  -----COMM_TONE-----> -----COMM_TONE----->					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_2x64					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAB! TONE_REQ	S_COMM_TONE_2x64(cic)	(P)	
2		CAB? TONE_IND	R_COMM_TONE_2x64(cic)		
<b>Detailed Comments</b> : SPC SPA SPB <-----COMM_TONE-----<-----COMM_TONE-----  -----COMM_TONE-----> -----COMM_TONE----->					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_384 <b>Group</b> : Common_steps/ <b>Objective</b> : To check if it is possible to communicate over the assigned circuit <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAB! TONE_REQ	S_COMM_TONE_384(cic)		
2		CAB? TONE_IND	R_COMM_TONE_384(cic)	(P)	
<b>Detailed Comments</b> : SPC                      SPA                      SPB <-----COMM_TONE-----<-----COMM_TONE----- -----COMM_TONE-----> -----COMM_TONE----->					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_1536					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAB! TONE_REQ	S_COMM_TONE_1536(cic)	(P)	
2		CAB? TONE_IND	R_COMM_TONE_1536(cic)		
<b>Detailed Comments</b> : SPC SPA SPB <-----COMM_TONE-----<-----COMM_TONE-----  -----COMM_TONE-----> -----COMM_TONE----->					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_1920					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAB! TONE_REQ	S_COMM_TONE_1920(ci c)	(P)	
2		CAB? TONE_IND	R_COMM_TONE_1920(ci c)		
<b>Detailed Comments</b> : SPC            SPA            SPB <-----COMM_TONE----- <-----COMM_TONE-----  -----COMM_TONE-----> -----COMM_TONE----->					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_I_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAC? TONE_IND	R_COMM_TONE(cic)	(P)	
2		CAC! TONE_REQ	S_COMM_TONE(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_A_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		APH? ACCESS_TONE_IND	R_ACCESS_COMM_TONE	(P)	
2		APH! ACCESS_TONE_REQ	S_ACCESS_COMM_TONE		
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_Nx64_I_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAC? TONE_IND	R_COMM_TONE_Nx64(cic)	(P)	
2		CAC! TONE_REQ	S_COMM_TONE_Nx64(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_Nx64_A_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		APH? ACCESS_TONE_IND	R_ACCESS_COMM_TON E_NX64	(P)	
2		APH! ACCESS_TONE_REQ	S_ACCESS_COMM_TON E_NX64		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_2x64_I_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAC? TONE_IND	R_COMM_TONE_2x64(cic)	(P)	
2		CAC! TONE_REQ	S_COMM_TONE_2x64(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_2x64_A_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		APH? ACCESS_TONE_IND	R_ACCESS_COMM_TON E_2X64	(P)	
2		APH! ACCESS_TONE_REQ	S_ACCESS_COMM_TON E_2X64		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_384_I_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAC? TONE_IND	R_COMM_TONE_384(cic)	(P)	
2		CAC! TONE_REQ	S_COMM_TONE_384(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_384_A_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		APH? ACCESS_TONE_IND	R_ACCESS_COMM_TONE_384	(P)	
2		APH! ACCESS_TONE_REQ	S_ACCESS_COMM_TONE_384		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_1536_I_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAC? TONE_IND	R_COMM_TONE_1536(cic)	(P)	
2		CAC! TONE_REQ	S_COMM_TONE_1536(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_1536_A_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		APH? ACCESS_TONE_IND	R_ACCESS_COMM_TON E_1536	(P)	
2		APH! ACCESS_TONE_REQ	S_ACCESS_COMM_TON E_1536		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_1920_I_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAC? TONE_IND	R_COMM_TONE_1920(ci c)	(P)	
2		CAC! TONE_REQ	S_COMM_TONE_1920(ci c)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_1920_A_PTC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		APH? ACCESS_TONE_IND	R_ACCESS_COMM_TON E_1920	(P)	
2		APH! ACCESS_TONE_REQ	S_ACCESS_COMM_TON E_1920		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_communication_OPR					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if it is possible to communicate over the assigned circuit					
<b>Default</b> :					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		OPR? ACTION_INBOX	R_COMM_TONE_OPR	(P)	
2		OPR! ACTION_OUTBOX	S_COMM_TONE_OPR		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_ringing_tone_AB					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if a ringing tone can be heard at SP B					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAB? TONE_IND	R_RINGING_TONE(cic)	(P)	
2		[Interm]			
3		I_CP! CM_GO_AHEAD	CM_go_ahead		
4		[Local]			
5		A_CP! CM_GO_AHEAD	CM_go_ahead		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_ringing_tone_BA <b>Group</b> : Common_steps/ <b>Objective</b> : To check if a ringing tone can be heard at SP C <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAB! TONE_REQ	S_RINGING_TONE(cic)		
2		[Interm]			
3		I_CP? CM_GO_AHEAD	CM_go_ahead	(P)	
4		[Local]			
5		A_CP? CM_GO_AHEAD	CM_go_ahead	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_ringing_tone_AC <b>Group</b> : Common_steps/ <b>Objective</b> : Choose the correct PTC <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		+Check_ringing_tone_AC_I_PTC			
3		[Local]			
4		+Check_ringing_tone_AC_A_PTC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_ringing_tone_AC_I_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To check if a ringing tone can be heard at SP C <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAC? TONE_IND	R_RINGING_TONE(cic)	(P)	
2		I_CP! CM_GO_AHEAD	CM_go_ahead		
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_ringing_tone_AC_A_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To check if a ringing tone can be heard at SP C <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		APH? ACCESS_TONE_IND	R_ACCESS_RINGING_TO NE	(P)	
2		A_CP! CM_GO_AHEAD	CM_go_ahead		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_ringing_tone_CA <b>Group</b> : Common_steps/ <b>Objective</b> : Choose correct PTC <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		+Check_ringing_tone_CA_I_PTC			
3		[Local]			
4		+Check_ringing_tone_CA_A_PTC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_ringing_tone_CA_I_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To check if a ringing tone can be heard at SP B <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAC! TONE_REQ	S_RINGING_TONE(cic)		
2		I_CP? CM_GO_AHEAD	CM_go_ahead	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_ringing_tone_CA_A_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To check if a ringing tone can be heard at SP B <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		APH! ACCESS_TONE_REQ	S_ACCESS_RINGING_TO NE		1.
2		A_CP? CM_GO_AHEAD	CM_go_ahead	(P)	
<b>Detailed Comments</b> : 1. Only applicable if the TE generates the ringing tone					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_No_ThroughConnection_AC_I_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To check that no COT tone or communication tone is received on the current cic at the Left side <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAC? TONE_IND	R_COT_TONE(cic)	(F)	
2		CAC? TONE_IND	R_COMM_TONE(cic)	(F)	
Detailed Comments :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_No_ThroughConnection_AC_A_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To check that no communication tone is received on the assigned circuit <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		APH? ACCESS_TONE_IND	R_ACCESS_COMM_TONE	F	
Detailed Comments :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_No_ThroughConnection_BA					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To send a communication tone on the BA link to check for throughconnection					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAB? TONE_REQ	S_COMM_TONE(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_COT_tone					
<b>Group</b> : Common_steps/					
<b>Objective</b> : To check if a continuity check tone can be heard at SP B					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CAB! TONE_REQ	S_COT_TONE(cic)		
2		CAB? TONE_IND	R_COT_TONE(cic)	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Block_circuit_AB(CICNr: BIT_12)					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Stimulate the IUT so that the default outgoing circuit between SPA and SPB is blocked.					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		MNT! MNT_REQ	TRIGGER_BLO(CICNr)	(P)	
2		LAB? R_BLO	BLO_AB(CICNr)		
3		LAB! S_BLA	BLA_BA(CICNr)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Block_circuit_BA(CICNr: BIT_12)					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Stimulate the IUT so that the default outgoing circuit between SPA and SPB is blocked.					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAB! S_BLO	BLO_BA(CICNr)	(P)	
2		LAB? R_BLA	BLA_AB(CICNr)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Block_all_circuits_BA					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Initiate a circuit group blocking from SPB on all circuits between SPA and SPB.					
<b>Default</b> : AnyOtherEventUnexpectedGroup					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC)			1.
2		LAB! S_CGB	CGB_BA_MO(cic)		
3		LAB? R_CGBA	CGBA_AB_MO(cic)	(P)	
<b>Detailed Comments</b> : 1. First CIC in the group for circuit group blocking					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Block_all_circuits_BA_HO					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Initiate a circuit group blocking from SPB on all circuit between SPA and SPB.					
<b>Default</b> : AnyOtherEventUnexpectedGroup					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC)			1.
2		LAB! S_CGB	CGB_BA_HO(cic)		
3		LAB? R_CGBA	CGBA_AB_HO(cic)	(P)	
<b>Detailed Comments</b> : 1. First CIC in the group for circuit group blocking					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Block_all_circuits_AB <b>Group</b> : Common_steps/ <b>Objective</b> : Initiate a circuit group blocking from SPA on all circuit between SPA and SPB. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC)			
2		MNT! MNT_REQ	TRIGGER_CGB_MO		1.
3		LAB? R_CGB (TCV_RngStat_Rng:=R_CGB.isup_pdu.RngSts.Range,TCV_RngStat_Stat:=R_CGB.isup_pdu.RngSts.Status)	CGB_AB_MO(cic)		
4		LAB! S_CGBA (S_CGBA.isup_pdu.RngSts.Range:=TCV_RngStat_Rng,S_CGBA.isup_pdu.RngSts.Status:=TCV_RngStat_Stat)	CGBA_BA_MO(cic)	(P)	
<b>Detailed Comments</b> : 1. First CIC in the group for circuit group blocking					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Block_all_circuits_AB_HO <b>Group</b> : Common_steps/ <b>Objective</b> : Initiate a circuit group blocking from SPA on all circuit between SPA and SPB. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC)			
2		MNT! MNT_REQ	TRIGGER_CGB_HO		1.
3		LAB? R_CGB	CGB_AB_HO(cic)		
4		LAB! S_CGBA	CGBA_BA_HO(cic)	(P)	
<b>Detailed Comments</b> : 1. First CIC in the group for circuit group blocking					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuit_blocked_BA(CICNr: BIT_12)					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Check that the default outgoing circuit (cicX) between SPA and SPB has been correctly blocked from the IUT.					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : REFERENCE: 2.8.2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAB! S_IAM	IAM_BA(CICNr)	(P)	1
2		LAB? R_BLO	BLO_AB(CICNr)		
3		LAB! S_BLA	BLA_BA(CICNr)		
<b>Detailed Comments</b> : 1. A Blocking message should be received on circuit X					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_all_circuits_blocked_BA <b>Group</b> : Common_steps/ <b>Objective</b> : Check that all circuits between SPA and SPB have been correctly blocked from the IUT. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : REFERENCE: 2.8.2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(TCV_count0 := 0)			
2		REPEAT Check_circuits_blocked_BA UNTIL [TCV_count0 = TSP_NB_CICS]			
3		(cic := TSP_GrpCIC)			
		Check_circuits_blocked_BA			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_BLO	BLO_AB(cic)		
6		LAB! S_BLA	BLA_BA(cic)	(P)	1.
7		(TCV_cic:=BIT_TO_INT(cic))			
8		(TCV_cic:=TCV_cic+1)			
9		(cic := INT_TO_BIT(TCV_cic,12))			
10		(TCV_count0 := TCV_count0 + 1)			
<b>Detailed Comments</b> : 1. A Blocking message should be received on the circuit.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_all_circuits_blocked_BA_HO <b>Group</b> : Common_steps/ <b>Objective</b> : Check that all circuits between SPA and SPB have been correctly blocked from the IUT. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : REFERENCE: 2.8.2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(TCV_count0 := 0)			
2		REPEAT Check_circuits_blocked_BA UNTIL [TCV_count0 = TSP_NB_CICS]			
3		(cic := TSP_GrpCIC)			
		Check_circuits_blocked_BA			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_CGB	CGB_AB_HO_1CIC(cic)		
6		LAB! S_CGBA	CGBA_BA_HO_1CIC(cic)	(P)	1.
7		(cic := TSO_Next_CIC(cic))			
8		(TCV_count0 := TCV_count0 + 1)			
<b>Detailed Comments</b> : 1. A Blocking message should be received on the circuit.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_part2_circuits_blocked_BA <b>Group</b> : Common_steps/ <b>Objective</b> : Check that the second part of the circuits between SPA and SPB have been correctly blocked from the IUT. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : REFERENCE: 2.8.2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC2)			
2		(TCV_count0 := 0)			
3		REPEAT Check_circuits_blocked_BA UNTIL [TCV_count0 = TSO_OCT1_TO_INT(TSP_GrpRange2)]			
		Check_circuits_blocked_BA			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_BLO	BLO_AB(cic)		
6		LAB! S_BLA	BLA_BA(cic)	(P)	1.
7		(cic := TSO_Next_CIC(cic))			
8		(TCV_count0 := TCV_count0 + 1)			
<b>Detailed Comments</b> : 1. A Blocking message should be received on the circuit.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_part2_circuits_blocked_BA_HO <b>Group</b> : Common_steps/ <b>Objective</b> : Check that the second part of the circuits between SPA and SPB have been correctly blocked from the IUT. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> : REFERENCE: 2.8.2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC2)			
2		(TCV_count0 := 0)			
3		REPEAT Check_circuits_blocked_BA UNTIL [TCV_count0 = TSO_OCT1_TO_INT(TSP_GrpRange2)]			
		Check_circuits_blocked_BA			
4		LAB! S_IAM	IAM_BA(cic)		
5		LAB? R_CGB	CGB_AB_HO_1CIC(cic)		
6		LAB! S_CGBA	CGBA_BA_HO_1CIC(cic)	(P)	1.
7		(cic := TSO_Next_CIC(cic))			
8		(TCV_count0 := TCV_count0 + 1)			
<b>Detailed Comments</b> : 1. A Blocking message should be received on the circuit.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_all_circuits_blocked_AB <b>Group</b> : Common_steps/ <b>Objective</b> : To check that all circuits are blocked by the tester <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_WAIT			
2		?TIMEOUT T_WAIT		(P)	1.
<b>Detailed Comments</b> : 1. Nothing shall happen on the right side					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuits_blocked_I_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : Check that there is no circuit available <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : REFERENCE: 2.8.2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_CIC_L)			
2		LAC! S_IAM	IAM_CA(cic)		
3		LAC? R_REL	REL_AC(cic)		
4		LAC! S_RLC	RLC_CA(cic)	(P)	1.
<b>Detailed Comments</b> : 1. Call is released because all circuits are blocked on the right side.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_circuits_blocked_A_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : Check that there is no circuit available <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : REFERENCE: 2.8.2.1 / Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		ACH! SETUP	S_SETUP		
2		ACH? DISCr	R_DISC	(P)	1.
<b>Detailed Comments</b> : 1. Call is released because all circuits are blocked on the right side.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Unblock_circuit_AB(CICNr: BIT_12) <b>Group</b> : Common_steps/ <b>Objective</b> : Stimulate the IUT so that the default outgoing circuit between SPA and SPB is unblocked. <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		MNT! MNT_REQ	TRIGGER_UBL(CICNr)		
2		LAB? R_UBL	UBL_AB(CICNr)	(P)	
3		LAB! S_UBA	UBA_BA(CICNr)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Unblock_all_circuits_AB <b>Group</b> : Common_steps/ <b>Objective</b> : Stimulate the IUT so that all outgoing circuits between SPA and SPB are unblocked. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC)			
2		MNT! MNT_REQ	TRIGGER_CGU_MO		
3		LAB? R_CGU	CGU_AB_MO(cic)	(P)	
4		LAB! S_CGUA	CGUA_BA_MO(cic)		
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Unblock_all_circuits_AB_HO					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Stimulate the IUT so that all outgoing circuits between SPA and SPB are unblocked.					
<b>Default</b> : AnyOtherEventUnexpectedGroup					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC)			
2		MNT! MNT_REQ	TRIGGER_CGU_HO		
3		LAB? R_CGU	CGU_AB_HO(cic)	(P)	
4		LAB! S_CGUA	CGUA_BA_HO(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Unblock_circuit_BA(CICNr: BIT_12)					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Stimulate the IUT so that the default outgoing circuit between SPA and SPB is unblocked.					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAB! S_UBL	UBL_BA(CICNr)	(P)	
2		LAB? R_UBA	UBA_AB(CICNr)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Unblock_all_circuits_BA <b>Group</b> : Common_steps/ <b>Objective</b> : To unblock the circuit group on the AB interface. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC)			
2		LAB! S_CGU	CGU_BA_MO(cic)	(P)	
3		LAB? R_CGUA	CGUA_AB_MO(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Unblock_all_circuits_BA_HO <b>Group</b> : Common_steps/ <b>Objective</b> : To unblock the circuit group on the AB interface. <b>Default</b> : AnyOtherEventUnexpectedGroup <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_GrpCIC)			
2		LAB! S_CGU	CGU_BA_HO(cic)	(P)	
3		LAB? R_CGUA	CGUA_AB_HO(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Send_coordination <b>Group</b> : Common_steps/ <b>Objective</b> : To send a coordination message to the left side <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		I_CP! CM_GO_AHEAD	CM_go_ahead		
3		[Local]			
4		A_CP! CM_GO_AHEAD	CM_go_ahead		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Reset_circuit_AB(CICNr: BIT_12) <b>Group</b> : Common_steps/ <b>Objective</b> : To reset a circuit at the IUT <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		MNT! MNT_REQ	TRIGGER_RSC(CICNr)		
2		LAB? R_RSC	RSC_AB(CICNr)	(P)	
3		LAB! S_RLC	RLC_BA(CICNr)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_T24 <b>Group</b> : Common_steps/ <b>Objective</b> : To Check Timer T24 <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T24min			
2		START T24max			
3		?TIMEOUT T24min			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_T26 <b>Group</b> : Common_steps/ <b>Objective</b> : To Check Timer T26 <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T26min			
2		START T26max			
3		?TIMEOUT T26min			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Check_T27 <b>Group</b> : Common_steps/ <b>Objective</b> : To Check Timer T27 <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T27min			
2		START T27max			
3		?TIMEOUT T27min			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Delay <b>Group</b> : Common_steps/ <b>Objective</b> : To wait some seconds <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_DELAY			
2		?TIMEOUT T_DELAY		(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Delay_I_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To wait some seconds <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_DELAY			
2		?TIMEOUT T_DELAY		(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_ACM_etc_BA <b>Group</b> : Common_steps/ <b>Objective</b> : Continue by sending ACM towards IUT, etc. <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAB! S_ACM	ACM_BA(cic)		
2		+S_ANM_etc_BA			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : R_ACM_etc_AB					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by receiving ACM from IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAB? R_ACM	ACM_AB(cic)		
2		+R_ANM_etc_AB			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_ACM_etc_CA					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by sending ACM towards the IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAC! S_ACM	ACM_CA(cic)		
2		+S_ANM_etc_CA			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : R_ACM_etc_AC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by receiving ACM by SPC from IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAC? R_ACM	ACM_AC(cic)		
2		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_ANM_etc_BA					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by sending ANM towards IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_ringing_tone_BA	ANM_BA(cic)		
2		LAB! S_ANM			
3		+S_REL_etc_BA			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : R_ANM_etc_AB					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by receiving ANM from IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_ringing_tone_AB	ANM_AB(cic)		
2		LAB? R_ANM			
3		+S_REL_etc_BA			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_ANM_etc_CA					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by sending ANM towards IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_ringing_tone_CA	ANM_CA(cic)		
2		LAC! S_ANM			
3		+R_REL_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : R_ANM_etc_AC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by receiving ANM from IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_ringing_tone_AC	ANM_AC(cic)		
2		LAC? R_ANM			
3		+R_REL_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_REL_etc_BA					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by sending ANM towards IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_communication			
2		+G_Release_call			
3		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : R_REL_etc_AB					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by receiving ANM from IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_communication			
2		LAB? R_REL	REL_AB(cic)		
3		LAB! S_RLC	RLC_BA(cic)		
4		+Check_circuit_idle(cic)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_REL_etc_CA					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by sending REL towards IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_communication_I_PTC			
2		LAC! S_REL	REL_CA(cic)		
3		LAC? R_RLC	RLC_AC(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : R_REL_etc_AC <b>Group</b> : Common_steps/ <b>Objective</b> : Continue by receiving REL from IUT, etc. <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_communication_I_PTC			
2		LAC? R_REL	REL_AC(cic)		
3		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_ALERT_etc_CA <b>Group</b> : Common_steps/ <b>Objective</b> : Continue by sending ALERT towards the IUT, etc. <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		ACH! ALERT	S_ALERT(cr_in)		
2		+S_CONNECT_etc_CA			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : R_ALERT_etc_AC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by receiving ALERT from IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		ACH? ALERTr	R_ALERT		
2		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_CONNECT_etc_CA					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by sending CONNECT towards the IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_ringing_tone_CA	S_CONNECT(cr_in)		
2		ACH! CONN			
3		+R_DISC_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : R_CONNECT_etc_AC					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by receiving CONNECT from IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_ringing_tone_AC	R_CONNECT		
2		ACH? CONNr			
3		+R_DISC_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_DISC_etc_CA					
<b>Group</b> : Common_steps/					
<b>Objective</b> : Continue by sending DISC towards IUT, etc.					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_communication_A_PTC	S_DISC(cr_in)		
2		ACH! DISC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : R_DISC_etc_AC <b>Group</b> : Common_steps/ <b>Objective</b> : Continue by receiving DISC from IUT, etc. <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Check_communication_A_PTC			
2		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Establish_call_BA <b>Group</b> : Common_steps/ <b>Objective</b> : To establish a call from B to A <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(cic:=TSP_CIC_R)			
2		LAB! S_IAM	IAM_BA(cic)		
3		LAB? R_ACM	ACM_AB(cic)		
4		LAB? R_ANM	ANM_AB(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Establish_call_AC <b>Group</b> : Common_steps/ <b>Objective</b> : Choose correct PTC <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		+Establish_call_I_PTC			
3		[Local]			
4		+Establish_call_A_PTC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Establish_call_I_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To establish a call from A to C <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAC? R_IAM (cic := R_IAM.isup_pdu.CIC)	IAM_AC		
2		LAC! S_ACM	ACM_CA(cic)		
3		LAC! S_ANM	ANM_CA(cic)		
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Establish_call_A_PTC <b>Group</b> : Common_steps/ <b>Objective</b> : To establish a call from A to UNI at SP A <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		ACH? SETUPr	R_SETUP		
2		ACH! ALERT	S_ALERT(cr_in)		
3		ACH! CONN	S_CONNECT(cr_in)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : DSS1_Preamble <b>Group</b> : DSS1_access_steps/ <b>Objective</b> : To bring the IUT to the state N0. <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+INIT_VARIABLES			(1)
2		A_ACCESS_PCO!DL_REL_RQ START T_AC			layer2 release
3		A_ACCESS_PCO?DL_REL_CO CANCEL T_AC, START TNOAC		(P)	UA or DM received; layer 2 released
4		A_ACCESS_PCO?DL_EST_IN CANCEL TNOAC		(P)	SABME received
5		?TIMEOUT TNOAC			
6		A_ACCESS_PCO!DL_EST_RQ START T_AC			re-establishment
7		A_ACCESS_PCO?DL_EST_CO CANCEL T_AC		(P)	UA received; data link established
8		A_ACCESS_PCO?DL_REL_IN		I	DM received; IUT still busy
9		?TIMEOUT T_AC		I	no response
10		A_ACCESS_PCO?OTHERWISE		I	invalid event
11		A_ACCESS_PCO?OTHERWISE		I	invalid event
12		?TIMEOUT T_AC		I	no response
13		A_ACCESS_PCO?OTHERWISE		I	invalid event
		INIT_VARIABLES			
14		[TSV_BASIC]			

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Test Step Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
15		(TSV_CREF1:='00000001'B, TSV_GLOBCREF:='00000000'B, TSV_BCHNUM1:='10001001'B)			
16		[NOT TSV_BASIC]			
17		(TSV_CREF1:='00000000000000001'B, TSV_GLOBCREF:='0000000000000000'B, TSV_BCHNUM1:='10001001'B)			
<b>Detailed Comments :</b> The layer 2 of the IUT must have a TEI assigned value before the execution of this preamble. The procedure to assign the TEI value to the IUT is matter for the test laboratory. The layer 2 of the IUT must have a TEI assigned value before the execution of this preamble. The procedure to assign the TEI value to the IUT is matter for the test laboratory. (1) The local subtree INIT_VARIABLES is used to assign initial values to test case variables taking into account the used interface configuration.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Access_setup					
<b>Group</b> : DSS1_access_steps/					
<b>Objective</b> : Setup a DSS1 call					
<b>Default</b> : ACCESS_DEF					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+DSS1_Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH?SETUP_ACKr	R_SETUP_ACK		valid SETUP_ACK
4		ACH?CALL_PROCr	R_CALL_PROC		valid CALL_PROC
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Preamble <b>Group</b> : Generic/ <b>Objective</b> : To start the testcase guard timer T_GUARD <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD		(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_initiate_setup <b>Group</b> : Generic/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:G_initiate_setup_I_PTC)			
3		[Local]			
4		CREATE (A_PTC:G_initiate_setup_A_PTC)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_initiate_setup_I_PTC					
<b>Group</b> : Generic/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA(cic)		
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_initiate_setup_A_PTC					
<b>Group</b> : Generic/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP		
2		ACH! SETUP			
3		+R_ALERT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_assist_setup <b>Group</b> : Generic/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:G_assist_setup_I_PTC)			
3		[Local]			
4		CREATE (A_PTC:G_assist_setup_A_PTC)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_assist_setup_I_PTC <b>Group</b> : Generic/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		+S_ACM_etc_CA			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_assist_setup_A_PTC					
<b>Group</b> : Generic/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP		
2		ACH? SETUPr			
3		+S_ALERT_etc_CA			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_initiate_setup_3_1kHz <b>Group</b> : Generic/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing 3.1 kHz audio call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:G_initiate_setup_3_1kHz_I_PTC)			
3		[Local]			
4		CREATE (A_PTC:G_initiate_setup_3_1kHz_A_PTC)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_initiate_setup_3_1kHz_I_PTC					
<b>Group</b> : Generic/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing 3.1 kHz audio call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_3_1kHz(cic)		
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_initiate_setup_3_1kHz_A_PTC					
<b>Group</b> : Generic/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing 3.1 kHz audio call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP		
2		ACH! SETUP			
3		+R_ALERT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_assist_setup_3_1kHz <b>Group</b> : Generic/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:G_assist_setup_3_1kHz_I_PTC)			
3		[Local]			
4		CREATE (A_PTC:G_assist_setup_3_1kHz_A_PTC)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_assist_setup_3_1kHz_I_PTC <b>Group</b> : Generic/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_3_1kHz		
3		+S_ACM_etc_CA			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_assist_setup_3_1kHz_A_PTC					
<b>Group</b> : Generic/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP		
2		ACH? SETUPr			
3		+S_ALERT_etc_CA			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_assist_setup_CCR_previous					
<b>Group</b> : Generic/					
<b>Objective</b> : To start the step to be run at the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates expects an incoming speech call with the continuity check indicator set to "10" (applied on previous circuit).					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]		(I)	
2		CREATE (I_PTC:G_assist_setup_CCR_previous_I_PTC)			
3		[Local]			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_assist_setup_CCR_previous_I_PTC <b>Group</b> : Generic/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates expects an incoming speech call with the continuity check indicator set to "10" (applied on previous circuit).					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_NatCon_CntChl_10		1
3		LAC? R_COT	COT_AC(cic)		
4		LAC! S_ACM	ACM_CA(cic)		
5		+Check_ringing_tone_CA			
6		LAC! S_ANM	ANM_CA(cic)		
7		+Check_communication_I_PTC			
8		LAC? R_REL	REL_AC(cic)		
9		LAC! S_RLC	RLC_CA(cic)	(P)	
10		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		2.
11		LAC! S_ACM	ACM_CA(cic)		
12		+Check_ringing_tone_CA			
13		LAC! S_ANM	ANM_CA(cic)		
14		+Check_communication_I_PTC			
15		LAC? R_REL	REL_AC(cic)		
16		LAC! S_RLC	RLC_CA(cic)	(P)	

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Test Step Dynamic Behaviour					
<b>Detailed Comments :</b> 1. The IAM is received with Continuity indicator set to "10" – applied on previous circuit. A COT should be expected. 2. The IAM is received with Continuity indicator set to "00". The IUT has in this case delayed the IAM in the forward direction until the receipt of COT. No COT should be received on the AC link.					

Test Step Dynamic Behaviour					
<b>Test Step Name :</b> G_Release_call <b>Group :</b> Generic/ <b>Objective :</b> To release the established call <b>Default :</b> AnyOtherEventUnexpected <b>Comments :</b>					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAB! S_REL	REL_BA(cic)		
2		LAB? R_RLC	RLC_AB(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_Release_call_stim <b>Group</b> : Generic/ <b>Objective</b> : To release the established call <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		+G_Release_call_I_PTC			
3		[Local]			
4		+G_Release_call_A_PTC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_Release_call_I_PTC <b>Group</b> : Generic/ <b>Objective</b> : To release the established call <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAC! S_REL	REL_CA(cic)		
2		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_Release_call_A_PTC <b>Group</b> : Generic/ <b>Objective</b> : To release the established call <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_Verdict_Left_PTC <b>Group</b> : Generic/ <b>Objective</b> : To check if behaviour of the PTC was as expected <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Get the verdict from the parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		+G_Verdict_I_PTC			
3		[Local]			
4		+G_Verdict_A_PTC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_Verdict_I_PTC <b>Group</b> : Generic/ <b>Objective</b> : To check if behaviour of I_PTC was as expected <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Get the verdict from the parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		?DONE(I_PTC)		(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : G_Verdict_A_PTC <b>Group</b> : Generic/ <b>Objective</b> : To check if behaviour of A_PTC was as expected <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Get the verdict from the parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		?DONE(A_PTC)		(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : C_Await_CCR(cic_local:BIT_12) <b>Group</b> : Generic/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Verifies that the IUT handles a failed CCR procedure correctly. Called by IBC_V_1_4_4, IBC_V_6_1_5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAB? R_CCR	CCR_AB(cic_local)		
2		LAB? R_COT	COT_AB_FAILED(cic_local)	(P)	1.
3		+Check_T24			2.
4		LAB? R_CCR	CCR_AB(cic_local)	(P)	
5		CANCEL T24max			
6		LAB? R_COT	COT_AB_FAILED(cic_local)		1.
7		MNT? MNT_IND	ALERT_MNT	(P)	
8		+Check_T26			2.
9		LAB? R_CCR	CCR_AB(cic_local)	(P)	
10		CANCEL T26max			
11		LAB? R_COT	COT_AB_FAILED(cic_local)		1.
12		MNT? MNT_IND	ALERT_MNT	(P)	
13		+Reset_circuit_AB(cic_local)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_1 <b>Group</b> : CSSV/CS/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_1)			
3		[Local]			
4		CREATE(A_PTC: A_1_1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_1 <b>Group</b> : CSSV/CS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		START T_WAIT			
3		?TIMEOUT T_WAIT		(P)	1.
<b>Detailed Comments</b> : 1. No message has been received.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_1 <b>Group</b> : CSSV/CS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		START T_WAIT			
3		?TIMEOUT T_WAIT		(P)	1.
<b>Detailed Comments</b> : 1. No message has been received.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_3_1 <b>Group</b> : CSSV/BC/CGBU/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_1_3_1)			
3		[Local]			
4		CREATE (A_PTC:A_1_3_1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_3_1					
<b>Group</b> : CSSV/BC/CGBU/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Check_circuits_blocked_I_PTC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_3_1					
<b>Group</b> : CSSV/BC/CGBU/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Check_circuits_blocked_A_PTC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_3_2_3					
<b>Group</b> : CSSV/BC/CGB/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_1_3_2_3)			
3		[Local]			
4		CREATE (A_PTC:A_1_3_2_3)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_3_2_3					
<b>Group</b> : CSSV/BC/CGB/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	CM_go_ahead		1.
2		+Check_circuits_blocked_I_PTC			
3		I_CP? CM_GO_AHEAD			
4		+Check_circuits_blocked_I_PTC			
<b>Detailed Comments</b> : 1. Wait until MTC indicates that the circuit is unblocked by SP B.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_3_2_3					
<b>Group</b> : CSSV/BC/CGB/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	CM_go_ahead		1.
2		+Check_circuits_blocked_A_PTC			
3		A_CP? CM_GO_AHEAD			
4		+Check_circuits_blocked_A_PTC			
<b>Detailed Comments</b> : 1. Wait until MTC indicates that the circuit is unblocked by SP B.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_3_2_4					
<b>Group</b> : CSSV/BC/CGB/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_1_3_2_4)			
3		[Local]			
4		CREATE (A_PTC:A_1_3_2_4)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_3_2_4 <b>Group</b> : CSSV/BC/CGB/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> : +Check_circuits_blocked_I_PTC could be used after Preamble					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_3_2_4 <b>Group</b> : CSSV/BC/CGB/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Check_circuits_blocked_A_PTC			
3		ACH? SETUPr	R_SETUP		
4		ACH! ALERT	S_ALERT(cr_in)		
5		+Check_ringing_tone_CA			
6		ACH! CONN	S_CONNECT(cr_in)		
7		+Check_communication_A_PTC			
8		ACH? DISCr	R_DISC		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_5_2_a <b>Group</b> : CSSV/RUSIM/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_5_2_a)			
3		[Local]			
4		CREATE(A_PTC: A_1_5_2_a)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_5_2_a <b>Group</b> : CSSV/RUSIM/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_CA			
6		LAC? R_ANM	ANM_AC(cic)	(P)	1.
7		+Check_communication_I_PTC			
8		LAC? R_REL	REL_AC(cic)		
9		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_5_2_a <b>Group</b> : CSSV/RUSIM/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		+Check_ringing_tone_CA			
5		ACH? CONNr	R_CONNECT		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_5_2_b					
<b>Group</b> : CSSV/RUSIM/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_5_2_b)			
3		[Local]			
4		CREATE(A_PTC: A_1_5_2_b)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_5_2_b <b>Group</b> : CSSV/RUSIM/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC? R_REL	REL_AC(cic)		
4		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_5_2_b <b>Group</b> : CSSV/RUSIM/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_5_3					
<b>Group</b> : CSSV/RUSIM/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_5_3)			
3		[Local]			
4		CREATE(A_PTC: A_1_5_3)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_5_3 <b>Group</b> : CSSV/RUSIM/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_5_3 <b>Group</b> : CSSV/RUSIM/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_A_PTC			
6		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_1_1					
<b>Group</b> : CSSV/RU/MS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_1_7_1_1)			
3		[Local]			
4		CREATE (A_PTC:A_1_7_1_1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_1_1 <b>Group</b> : CSSV/RU/MS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_MXX := get_unknown_msg_type())			
3		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
4		LAC? R_REL	REL_AC(cic)	(P)	
5		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_7_1_1					
<b>Group</b> : CSSV/RU/MS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH? DISCr	R_DISC		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_1_2					
<b>Group</b> : CSSV/RU/MS/					
<b>Objective</b> : Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : To choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_1_7_1_2)			
3		[Local]			
4		CREATE(A_PTC: A_1_7_1_2)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_1_2					
<b>Group</b> : CSSV/RU/MS/					
<b>Objective</b> : Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			Wait for unknown msu
2		(TCV_MXX := get_unknown_msg_type())			
3		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
4		+Delay			
5		LAC! S_ACM	ACM_CA(cic)		
6		+Check_ringing_tone_CA			
7		LAC! S_ANM	ANM_CA(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_7_1_2 <b>Group</b> : CSSV/RU/MS/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_1_3					
<b>Group</b> : CSSV/RU/MS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]		(I)	
2		CREATE (I_PTC:I_1_7_1_3)			
3		[Local]			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_1_3 <b>Group</b> : CSSV/RU/MS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_MXX := get_unknown_msg_type())			
3		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
4		LAC? R_MXX	MXX_AC_PASS_ON_A1( cic, TCV_MXX)	(P)	
5		LAC! S_ACM	ACM_CA(cic)		
6		+Check_ringing_tone_CA			
7		LAC! S_ANM	ANM_CA(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_1_4 <b>Group</b> : CSSV/RU/MS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester. It is necessary to use TUP because the IUT must not be able to pass on the unknown message.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (T_PTC:T_1_7_1_4)			
3		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : T_1_7_1_4 <b>Group</b> : CSSV/RU/MS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_T_PTC <b>Comments</b> : It is necessary to use TUP because the IUT must not be able to pass on the unknown message.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		TAC? TUP_TRANSFER_IND	R_IAI		
3		TAC? TUP_TRANSFER_IND	R_CLF	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_1_5					
<b>Group</b> : CSSV/RU/MS/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]		(I)	
2		CREATE(T_PTC: T_1_7_1_5)			
3		[Local]			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : T_1_7_1_5 <b>Group</b> : CSSV/RU/MS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_T_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		TAC? TUP_TRANSFER_IND	R_IAI		
3		TAC! TUP_TRANSFER_REQ	S_TUP_ACM(cic)		
4		+Check_ringing_tone_CA			
5		TAC! TUP_TRANSFER_REQ	S_ANS		
6		+Check_communication_I_PTC			
7		TAC? TUP_TRANSFER_IND	R_CLF		
8		TAC! TUP_TRANSFER_REQ	S_RLG		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_1_6					
<b>Group</b> : CSSV/RU/MS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]		(I)	
2		CREATE (I_PTC: I_1_7_1_6)			
3		[Local]			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_1_6 <b>Group</b> : CSSV/RU/MS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_MXX := get_unknown_msg_type())			
3		(cic:=TSP_CIC_L)			
4		LAC! S_IAM	IAM_CA(cic)		
5		+Delay_I_PTC			
6		LAC! S_MXX	MXX_CA_TRANSIT_INTR PR(cic, TCV_MXX)		
7		LAC? R_ACM	ACM_AC(cic)		
8		+Check_ringing_tone_CA			
9		LAC? R_ANM	ANM_AC(cic)		
10		+Check_communication_I_PTC			
11		LAC? R_REL	REL_AC(cic)	(P)	
12		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_1_7					
<b>Group</b> : CSSV/RU/MS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC: I_1_7_1_7)			
3		[Local]			
4		CREATE (A_PTC: A_1_7_1_7)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_1_7 <b>Group</b> : CSSV/RU/MS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_MXX := get_unknown_msg_type())			
3		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
4		+Delay			
5		LAC! S_ACM	ACM_CA(cic)		
6		+Check_ringing_tone_CA			
7		LAC! S_ANM	ANM_CA(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_7_1_7 <b>Group</b> : CSSV/RU/MS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_2_a <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_1_7_2_2_a)			
3		[Local]			
4		CREATE (A_PTC:A_1_7_2_2_a)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_2_2_a <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		(cic:=TSP_CIC_L)			
4		LAC! S_IAM	IAM_CA(cic)		
5		LAC? R_ACM	ACM_AC(cic)		
6		+Check_ringing_tone_CA			
7		LAC? R_ANM	ANM_AC(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_7_2_2_a <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		+Check_ringing_tone_CA			
5		ACH? CONNr	R_CONNECT		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_2_b					
<b>Group</b> : CSSV/RU/PA/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC: I_1_7_2_2_b)			
3		[Local]			
4		CREATE (A_PTC: A_1_7_2_2_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_2_2_b <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		(cic:=TSP_CIC_L)			
4		LAC! S_IAM	IAM_CA(cic)		
5		LAC? R_ACM	ACM_AC(cic)		
6		+Check_ringing_tone_CA			
7		LAC? R_ANM	ANM_AC(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_7_2_2_b <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		+Check_ringing_tone_CA			
5		ACH? CONNr	R_CONNECT		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_3					
<b>Group</b> : CSSV/RU/PA/					
<b>Objective</b> : Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_7_2_3)			
3		[Local]			
4		CREATE(A_PTC: A_1_7_2_3)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_2_3 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC	(P)	
4		LAC! S_ACM	ACM_CA(cic)		
5		+Check_ringing_tone_CA			
6		LAC! S_ANM	ANM_CA(cic)		
7		+Check_communication_I_PTC			
8		LAC? R_REL	REL_AC(cic)		
9		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_7_2_3 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_4					
<b>Group</b> : CSSV/RU/PA/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]		(I)	
2		CREATE(I_PTC: I_1_7_2_4)			
3		[Local]			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_2_4 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		(cic:=TSP_CIC_L)			
4		LAC! S_IAM	IAM_CA_PXX_PASS_ON _A1(cic, TCV_PXX)		
5		LAC? R_ACM	ACM_AC(cic)		
6		+Check_ringing_tone_CA			
7		LAC? R_ANM	ANM_AC(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_5 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(T_PTC: T_1_7_2_5 )			
3		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : T_1_7_2_5 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_T_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		TAC? TUP_TRANSFER_IND	R_IAI		
3		TAC? TUP_TRANSFER_IND	R_CLF	(P)	
4		TAC! TUP_TRANSFER_REQ	S_RLG		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_6_a					
<b>Group</b> : CSSV/RU/PA/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(T_PTC: T_1_7_2_6_a)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : T_1_7_2_6_a <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_T_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		TAC? TUP_TRANSFER_IND	R_IAI		
3		TAC! TUP_TRANSFER_REQ	S_TUP_ACM(cic)		
4		+Check_ringing_tone_AC			
5		TAC! TUP_TRANSFER_REQ	S_ANS		
6		+Check_communication_I_PTC			
7		TAC? TUP_TRANSFER_IND	R_CLF		
8		TAC! TUP_TRANSFER_REQ	S_RLG		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_6_b <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(T_PTC: T_1_7_2_6_b)			
3		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : T_1_7_2_6_b <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_T_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		TAC? TUP_TRANSFER_IND	R_IAI		
3		TAC! TUP_TRANSFER_REQ	S_TUP_ACM(cic)		
4		+Check_ringing_tone_CA			
5		TAC! TUP_TRANSFER_REQ	S_ANS		
6		+Check_communication_I_PTC			
7		TAC? TUP_TRANSFER_IND	R_CLF		
8		TAC! TUP_TRANSFER_REQ	S_RLG		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_7 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(T_PTC: T_1_7_2_7)			
3		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : T_1_7_2_7 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_T_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		TAC? TUP_TRANSFER_IND	R_IAI		
3		TAC! TUP_TRANSFER_REQ	S_TUP_ACM(cic)		
4		+Check_ringing_tone_CA			
5		TAC! TUP_TRANSFER_REQ	S_ANS		
6		+Check_communication			
7		TAC? TUP_TRANSFER_IND	R_CLF		
8		TAC! TUP_TRANSFER_REQ	S_RLG		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_8 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_7_2_8)			
3		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_2_8 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		(cic:=TSP_CIC_L)			
4		LAC! S_IAM	IAM_CA_PXX_TRANSIT(cic, TCV_PXX)		
5		LAC? R_ACM	ACM_AC(cic)		
6		+Check_ringing_tone_CA			
7		LAC? R_ANM	ANM_AC(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_9					
<b>Group</b> : CSSV/RU/PA/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_7_2_9)			
3		[Local]			
4		CREATE(A_PTC: A_1_7_2_9)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_2_9 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		LAC? R_IAM (cic := R_IAM.isup_pdu.CIC)	IAM_AC		
4		+Delay_I_PTC			
5		LAC! S_ACM	ACM_CA(cic)		
6		+Check_ringing_tone_AC			
7		LAC! S_ANM	ANM_CA(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_7_2_9 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_AC			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_10 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_7_2_10)			
3		[Local]			
4		CREATE(A_PTC: A_1_7_2_10)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_2_10 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
4		LAC? R_REL	REL_AC(cic)		
5		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_7_2_10 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_11 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_7_2_11)			
3		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_2_11 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		(cic:=TSP_CIC_L)			
4		LAC! S_IAM	IAM_CA_PXX_TRANSIT(cic,TCV_PXX)		
5		LAC? R_CFN	CFN_AC(cic)		
6		LAC? R_ACM	ACM_AC(cic)		
7		+Check_ringing_tone_CA			
8		LAC? R_ANM	ANM_AC(cic)		
9		+Check_communication_I_PTC			
10		LAC? R_REL	REL_AC(cic)		
11		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_12					
<b>Group</b> : CSSV/RU/PA/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_7_2_12)			
3		[Local]			
4		CREATE(A_PTC: A_1_7_2_12)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_2_12 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		(cic:=TSP_CIC_L)			
4		LAC! S_IAM	IAM_CA(cic)		
5		+Delay_I_PTC			
6		LAC! S_REL	REL_CA(cic)		
7		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_1_7_2_12 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_2_13 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_1_7_2_13)			
3		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_2_13 <b>Group</b> : CSSV/RU/PA/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_PXX := get_unknown_par_type())			
3		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_PXX(TCV_PXX)		
4		LAC! S_CFN	CFN_CA_C99_PXX(cic, TCV_PXX)		
5		LAC! S_ACM	ACM_CA(cic)		
6		+Check_ringing_tone_AC			
7		LAC! S_ANM	ANM_CA(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_9 <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_9)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_9					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a non-zero Filler part in the Address signals of CdPN.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_CdPN_Filler_1(c ic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a Filler field in the Address signals of the Called party number coded as spare.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_10_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_10_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_10_a					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a 7-bit spare value ('00' or '05'-'7F'H) in the Nature of address indicator of CgPN.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_CgPN_NatAdrl_05(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a spare value in the Nature of address indicator of the Calling party number.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_10_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_10_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_10_b					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a 3–bit spare value (0, 2, 5, 6, 7) in the Numbering plan indicator of CgPN.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_CgPN_NbPI_010 (cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a spare value in the Numbering plan indicator of the Calling party number.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_10_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_10_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_10_c					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the 2-bit spare value ('11'B) in the Address presentation restricted indicator of CgPN					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_CgPN_APRI_11(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a spare value in the APRI of the CgPN.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_10_d <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses and creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_10_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_10_d					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a 2-bit spare value ('00' or '10'B) in the Screening indicator of CgPN.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_CgPN_ScrI_10(c ic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a spare value in the Screening indicator of the CgPN.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_10_e <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_10_e)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_10_e					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a non-zero Filler part in the Address signals of CgPN					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_CgPN_Filler_1(c ic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a spare value in the Filler field of the AdSg of the CgPN.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_11 <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_11)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_11					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a Calling party's category (CgPC) coded with a 8-bit spare value '10'-'FF'H					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_CgPC_10(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send a spare value in theCalling party's category.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_23_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_23_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_23_a					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a non-zero EEMthI in the FCI.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_FCI_EEMthI_11( cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an illegal value for the End-to-end method indicator in the Forward call indicators.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_23_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_23_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_23_b					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a non-zero EEInfl in the FCI.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_FCI_EEInfl_1(cic )		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an illegal value for the End-to-end information indicator in the Forward call indicators.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_23_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_23_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_23_c					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a non-zero SCCPMI in the FCI.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_FCI_SCCPMI_1 1(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an illegal value for the SCCP method indicator in the Forward call indicators.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_35_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_35_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_35_a					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing NatCon with SatI set to '11'B (spare).					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_NatCon_SatI(cic , '11'B)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an illegal value in the Satellite indicator of the Nature of connection indicators					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_35_b					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_35_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_35_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Send an IAM containing NatCon with CntChl set to '11'B (spare). The "left" tester also watches for the CFN message <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_CntChl_11(cic)		1.
4		LAC? R_CFN	CFN_AC_C110_IAM_NatCon(cic)		
5		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. The Continuity check indicator in the Nature of connection indicators is set to the spare value '11'B. 2. Receive CFN with cause 110 for NatCon.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_38 <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_38)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_38					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the spare value in the CUG call indicator of the OFCI.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_OFCI_CUGCI_0 1(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. The spare value '01'B is sent in the CUG call indicator of the OFCI.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_39_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_39_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_39_a					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a 7-bit spare value ('00' or '05'-'7F'H) in the Nature of address indicator of OriCdNb.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_OriCdNb_NatAdrI_7F(cic)		
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_39_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_39_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_39_b					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a 3–bit spare value (0, 2, 5, 6, 7) in the Numbering plan indicator of OriCdNb.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_OriCdNb_NbPI_101(cic)		
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_39_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_39_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_39_c					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the 2-bit spare value ('11'B) in the Address presentation restricted indicator of OriCdNb					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_OriCdNb_APRI_11(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with the Address presentation restricted indicator of the Original called number coded with the spare value '11'B.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_39_d <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_39_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_39_d					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a non-zero Filler part in the Address signals of OriCdNb					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_OriCdNb_Filler_F(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : Send an IAM containing an OriCdNb with a 'F'H in the Filler field of the Address signals.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_44_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_44_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_44_a					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a 7-bit spare value ('00' or '05'-'7F'H) in the Nature of address indicator of RgNb.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_RgNb_NatAdrl_0 7(cic)		
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a spare value in the Nature of address indicator of the Redirecting number.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_44_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_44_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_44_b					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a 3–bit spare value (0, 2, 5, 6, 7) in the Numbering plan indicator of RgNb.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_RgNb_NbPI_101 (cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a spare value in the Numbering plan indicator of the Redirecting number.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_44_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_44_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_44_c					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the 2-bit spare value ('11'B) in the Address presentation restricted indicator of RgNb					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_RgNb_APRI_11(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a spare value in the APRI of the RgNb.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_44_e <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_44_e)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_44_e					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing a non-zero Filler part in the Address signals of RgNb					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_RgNb_Filler_1(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a spare value in the Filler field of the AdSg of the RgNb.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_45_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_45_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_45_a					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the 3-bit spare value '111'B in the Redirecting indicator of RnInf.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_RnInf_Rglc_111(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with the Redirecting indicator set to '111'B.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_45_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_45_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_45_b					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the 4–bit spare value 'F'H in the Original redirection reason of RnInf.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_RnInf_OriRnReas_F(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with the Original redirection reason of the RnInf set to '4'–'F'H.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_45_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_45_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_45_c					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the 3–bit spare value '111'B in the Redirection counter of RnInf.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_RnInf_RnCn7(c ic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with the Redirection counter set to '111'B.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_45_d <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_45_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_45_d					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the 4-bit spare value ('7'-'F'H) in the Redirecting reason of RnInf.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_RnInf_RgReas_7 (cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with The Redirecting reason set to '7'H.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_51					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_51)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_51 <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Send a SAM containing a non-zero Filler part in the Subsequent number. <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_CdPN_PART(cic)		1.
4		LAC! S_SAM	SAM_CA_SubNb_Filler_7(cic)		2.
5		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with a part of the CdPN, composed of an even number of digits in the Address signals. 2. Send a SAM with a spare value in the Filler field of the Subsequent number.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_60_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_60_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_60_a					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the 2-bit spare value '01'B in the Service 1 field of UUInd.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_UUInd(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM (S_IAM.isup_pdu.UUInd.Serv1:='01'B)			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with the Service 1 field in the User-to-user indicators set to '01'B.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_60_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_60_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_60_b					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the 2–bit spare value '01'B in the Service 2 field of UUInd.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_UUInd(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM (S_IAM.isup_pdu.UUInd.Serv2:='01'B)			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with the Service 2 field in the User–to–user indicators set to '01'B.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_1_a_60_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_1_a_60_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_1_a_60_c					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> : Send an IAM containing the 2-bit spare value '01'B in the Service 3 field of UUInd.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_UUInd(cic)		1.
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM (S_IAM.isup_pdu.UUInd.Serv3:='01'B)			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> : 1. Send an IAM with the Service 3 field in the User-to-user indicators set to '01'B.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_5_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_5_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_5_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Receive an ACM with the BCI containing a correct value for the Charging indicator <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM [R_ACM.isup_pdu.BCI.Chgl='10'B]	ACM_AC(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The received ACM contains '10'B in the Charging indicator of the BCI.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_5_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_5_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_5_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Receive an ACM with the BCI containing a correct value for the Called party's status indicator <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM [R_ACM.isup_pdu.BCI.CdPSI='00'B]	ACM_AC(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1.The received ACM contains '00'B the Called party's status indicator of the BCI.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_5_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_5_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_5_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Receive an ACM with the BCI containing a correct value for the Called party's category indicator <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM [R_ACM.isup_pdu.BCI.CdPC='00'B]	ACM_AC(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The received ACM contains '00'B in the Called party's category indicator of the BCI.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_5_d <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_5_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_5_d <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Receive an ACM with the BCI containing a correct value for the End-to-end method indicator <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM [R_ACM.isup_pdu.BCI.EEMthI='00'B]	ACM_AC(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The received ACM contains '00'B in the End-to-end method indicator of the BCI.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_5_e <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_5_e)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_5_e <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Receive an ACM with the BCI containing a correct value for the End-to-end information indicator <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM [R_ACM.isup_pdu.BCI.EEInfl='0'B]	ACM_AC(cic)		1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The received ACM contains '0'B in the End-to-end information indicator of the BCI.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_5_f <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_5_f)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_5_f <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Receive an ACM with the BCI containing a correct value for the Holding indicator <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM [R_ACM.isup_pdu.BCI.HoldI='0'B]	ACM_AC(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The received ACM contains '0'B in the Holding indicator of the BCI.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_5_g <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_5_g)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_5_g <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Receive an ACM with the BCI containing a correct value for the SCCP method indicator <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM [R_ACM.isup_pdu.BCI.SCCPMI='00'B]	ACM_AC(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The received ACM contains '00'B in the SCCP method indicator of the BCI.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_16_a					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_16_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_16_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Check that the ConNb is discarded if the Nature of address indicator in the ConNb is spare <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM	ANM_AC_NO_ConNb(cic )	(P)	1.
7		+S_REL_etc_CA			
<b>Detailed Comments</b> : 1. The IUT shall discard the ConNb.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_16_b					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_16_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_16_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Check that the ConNb is discarded if the Numbering plan indicator in the ConNb is spare <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM	ANM_AC_NO_ConNb(cic )	(P)	1.
7		+S_REL_etc_CA			
<b>Detailed Comments</b> : 1. The IUT shall discard the ConNb.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_16_c					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_16_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_16_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Check that the ConNb contains the correct value in the Address presentation restricted indicator of the Connected number <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM [R_ANM.isup_pdu.ConNb.APRI='01'B]	ANM_AC_ConNb(cic)	(P)	1.
7		+S_REL_etc_CA			
<b>Detailed Comments</b> : 1. The received ANM contains '01'B (restricted) in the Address presentation restricted indicator.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_16_d					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_16_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_16_d <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Check that the ConNb is discarded if the Screening indicator in the ConNb is '00'B or '10'B <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM	ANM_AC_NO_ConNb(cic )	(P)	1.
7		+S_REL_etc_CA			
<b>Detailed Comments</b> : 1. The IUT shall discard the ConNb.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_16_e					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_16_e)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_16_e <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Check that the Filler part of the ConNb is reset <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM [R_ANM.isup_pdu.ConNb.Filler='0'H]	ANM_AC_ConNb_Filler(cic)	(P)	1.
7		+S_REL_etc_CA			
<b>Detailed Comments</b> : 1. The received ANM contains '0'H in the Filler part of the Address signals.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_21 <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_21)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_21 <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Check that a CPG with the Event information containing a spare value ('00', '07'-'7F'H) is discarded <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+R_ANM_etc_AC			1.
<b>Detailed Comments</b> : 1. The CPG shall be discarded and call setup shall continue with ANM etc.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_46_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_46_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_46_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC_NO_RnNb(cic)		1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The IUT shall discard the RnNb.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_46_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_46_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_46_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Check that the IUT shall discard the RnNb if the Numbering plan indicator is coded with a spare value <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC_NO_RnNb(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The IUT shall discard the RnNb.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_46_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_46_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_46_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Check that the Filler part of the address signals of the ConNb is reset <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC_RnNb_Filler_0(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The received ACM contains '0'H in the Filler part of the Address signals.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_60_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_60_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_60_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Receive a reset value in the Service 1 field of UUInd <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM (S_IAM.isup_pdu.UUInd.Serv1:='10'B)	IAM_CA_UUInd(cic)		
4		LAC? R_ACM [R_ACM.isup_pdu.UUInd.Serv1='00'B]	ACM_AC_UUInd(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The 2-bit Service 2 field shall be set to '00'B.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_60_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_60_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_60_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Receive a reset value in the Service 2 field of UUInd <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM [R_ACM.isup_pdu.UUInd.Serv2='00'B]	ACM_AC_UUInd(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The 2-bit Service 2 field shall be set to '00'B.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_2_60_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_2_60_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_2_60_c <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Receive a reset value in the Service 3 field of UUInd <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM [R_ACM.isup_pdu.UUInd.Serv3='00'B]	ACM_AC_UUInd(cic)	(P)	1.
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> : 1. The 2-bit Service 3 field shall be set to '00'B.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_4_a_12_a					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_4_a_12_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_4_a_12_a <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Send a REL containing a Coding standard field in the Cause indicators coded with a 2-bit spare value in the range '01'-'11'B. <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC! S_REL	REL_CA_Cause_CodS_11 (cic)		
6		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_4_a_12_b					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_4_a_12_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_1_7_3_4_a_12_b <b>Group</b> : CSSV/RU/PV/ <b>Objective</b> : Send a REL containing a Location field in the Cause indicators coded with a 4-bit spare value in the range '8'-'F'H. <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC! S_REL	REL_CA_Cause_Loc_100 0(cic)		
6		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_1_7_3_4_a_12_c					
<b>Group</b> : CSSV/RU/PV/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_1_7_3_4_a_12_c)			
<b>Detailed Comments</b> :					

### Test Step Dynamic Behaviour

**Test Step Name** : I\_1\_7\_3\_4\_a\_12\_c

**Group** : CSSV/RU/PV/

**Objective** : Send a REL containing a Cause value in the Cause indicators coded with a 7-bit spare value in the range: 0, 10–15, 24–25 (for classes 000,001) 32–33, 35–37, 45 (class 010) 48, 51–52, 54, 56, 59–61 (class 011) 64, 67–68, 71–78 (class 100) 80, 89, 92–94 (class 101) 104–109 (class 110) 112–126 (class 111).

**Default** : AnyOtherEventUnexpected\_I\_PTC

**Comments** :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC! S_REL	REL_CA_Cause_CauseV_10(cic)		
6		LAC? R_RLC	RLC_AC(cic)	(P)	

**Detailed Comments** :

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_2_2_a					
<b>Group</b> : NCS/CAS/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_2_2_a)			
3		[Local]			
4		CREATE (A_PTC:A_2_2_2_a)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_2_2_a					
<b>Group</b> : NCS/CAS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_CdPN_PART(cic ) SAM_CA(cic)		
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		LAC! S_SAM			
5		+R_ACM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_2_2_a					
<b>Group</b> : NCS/CAS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP S_INFO		
2		ACH! SETUP			
3		ACH! INF			
4		+R_ALERT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_2_2_b					
<b>Group</b> : NCS/CAS/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_2_2_b)			
3		[Local]			
4		CREATE (A_PTC:A_2_2_2_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_2_2_b <b>Group</b> : NCS/CAS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_CdPN_PART		1.
3		LAC? R_SAM	SAM_AC(cic)		
4		+S_ACM_etc_CA			
5		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_CdPN_COMPL		2.
6		+S_ACM_etc_CA			
<b>Detailed Comments</b> : 1. Additional digits sent by IUT in SAM. Where SP A is in a position to know by digit analysis that the final digit has been sent, an end-of-pulsing (ST) signal may be included in the last address message. 2. The IUT may collect the digit in the SAM in one IAM.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_2_2_b					
<b>Group</b> : NCS/CAS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP		
2		ACH? SETUPr			
3		+S_ALERT_etc_CA			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_1_a					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> : Choose the 'left' parallel test component					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_1_a)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_1_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_1_a					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC_BCI(cic,'01'B, '1'B)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_1_a					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_1_b <b>Group</b> : NCS/SCS/ <b>Objective</b> : Initiate a call setup <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_1_b)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_1_b)			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_1_b					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> : Initiate a call setup					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC_BCI(cic,'01'B, '0'B)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_1_b					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> : Initiate a call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_1_c <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_1_c)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_1_c)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_1_c <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC_BCI(cic,'01'B, '1'B)	(P)	
5		LAC? R_ANM	ANM_AC(cic)		
6		+R_REL_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_1_c					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT R_CONNECT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		ACH? CONNr			
5		+R_DISC_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_1_d <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_1_d)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_1_d)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_1_d <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		1.
4		LAC? R_ACM	ACM_AC_BCI(cic,'00'B, '0'B)	(P)	
5		LAC? R_ANM	ANM_AC(cic)		
6		+R_REL_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_1_d					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT R_CONNECT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		ACH? CONNr			
5		+R_DISC_etc_AC			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_1_e					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_1_e)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_1_e)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_1_e <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA_BCI(cic,'01'B, '1'B)		
4		+S_ANM_etc_CA			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_1_e					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP S_ALERT(cr_in)		
2		ACH? SETUPr			
3		ACH! ALERT			
4		+S_CONNECT_etc_CA			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_1_f <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_1_f)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_1_f)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_1_f <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA_BCI(cic,'01'B, '0'B)		
4		+S_ANM_etc_CA			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_1_f					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP S_ALERT(cr_in)		
2		ACH? SETUPr			
3		ACH! ALERT			
4		+S_CONNECT_etc_CA			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_1_g <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_1_g)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_1_g)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_1_g <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA_BCI(cic,'00'B, '1'B)		
4		+Delay_I_PTC			
5		LAC! S_ANM	ANM_CA(cic)		
6		+R_REL_etc_AC			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_1_g					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP S_ALERT(cr_in) S_CONNECT(cr_in)		
2		ACH? SETUPr			
3		ACH! ALERT			
4		ACH! CONN			
5		+R_DISC_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_1_h <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_1_h)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_1_h)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_1_h <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA_BCI(cic,'00'B, '0'B)		
4		+Delay_I_PTC			
5		LAC! S_ANM	ANM_CA(cic)		
6		+R_REL_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_1_h					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP S_ALERT(cr_in) S_CONNECT(cr_in)		
2		ACH? SETUPr			
3		ACH! ALERT			
4		ACH! CONN			
5		+R_DISC_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_2_a <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_2_a)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_2_a)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_2_a					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC_BCI(cic,NoInd, TSP_Dest_ISDN_access)		
5		LAC? R_CPG	CPG_AC(cic)	(P)	
6		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_2_a					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_2_b <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_2_b)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_2_b)			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_2_b <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC_BCI(cic,NoInd, TSP_Dest_ISDN_access)		
5		LAC? R_CPG [R_CPG.isup_pdu.EvInf.EventI=progress]	CPG_AC(cic)	(P)	
6		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_2_b					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_2_c <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_2_c)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_2_c)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_2_c <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC_BCI(cic,NoInd, TSP_Dest_ISDN_access)		
5		LAC? R_CPG [R_CPG.isup_pdu.EvInf.EventI=in_band]	CPG_AC(cic)	(P)	
6		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_2_c					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_2_d <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_2_d)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_2_d)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_2_d <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which assists an ordinary incoming speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM (S_ACM.isup_pdu.BCI.CdPSI:='00'B)	ACM_CA(cic)		
4		LAC! S_CPG	CPG_CA(cic)	(P)	
5		+S_ANM_etc_CA			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_2_d					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which assists an ordinary incoming speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP S_ALERT(cr_in)		
2		ACH? SETUPr			
3		ACH! ALERT			
4		+S_CONNECT_etc_CA			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_2_e <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_2_e)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_2_e)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_2_e <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which assists an ordinary incoming speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM (S_ACM.isup_pdu.BCI.CdPSI:=NoInd)	ACM_CA(cic)		
4		LAC! S_CPG (S_CPG.isup_pdu.EvInf.EventI:=progress)	CPG_CA(cic)	(P)	
5		+S_ANM_etc_CA			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_2_e					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which assists an ordinary incoming speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP S_ALERT(cr_in)		
2		ACH? SETUPr			
3		ACH! ALERT			
4		+S_CONNECT_etc_CA			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_2_f <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_2_f)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_2_f)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_2_f <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which assists an ordinary incoming speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM (S_ACM.isup_pdu.BCI.CdPSI:=NoInd)	ACM_CA(cic)		
4		LAC! S_CPG (S_CPG.isup_pdu.EvInf.EventI:=in_band)	CPG_CA(cic)	(P)	
5		+S_ANM_etc_CA			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_2_f					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which assists an ordinary incoming speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP S_ALERT(cr_in)		
2		ACH? SETUPr			
3		ACH! ALERT			
4		+S_CONNECT_etc_CA			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_3 <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_3)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_3)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_3					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_CON	CON_AC(cic)	(P)	
5		+R_REL_etc_AC			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_3					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_CONNECT		
2		ACH! SETUP			
3		ACH? CONNr			
4		+R_DISC_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_4_a <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_2_3_4_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_4_a					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_NatCon_Satl (cic,'00'B) ACM_AC(cic)		
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		LAC? R_ACM			
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_4_b <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_2_3_4_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_4_b					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_NatCon_Satl (cic,'01'B) ACM_AC(cic)		
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		LAC? R_ACM			
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_4_c <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_2_3_4_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_4_c					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_NatCon_Satl (cic,'10'B) ACM_AC(cic)		
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		LAC? R_ACM			
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_5_d					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_3_5_d)			
3		[Local]			
4		CREATE (A_PTC:A_2_3_5_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_5_d <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		I_CP? CM_GO_AHEAD	CM_go_ahead	(P)	
5		LAC! S_ANM	ANM_CA(cic)		
6		+R_REL_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_3_5_d					
<b>Group</b> : NCS/SCS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		A_CP? CM_GO_AHEAD	CM_go_ahead	(P)	
5		ACH! CONN	S_CONNECT(cr_in)		
6		+R_DISC_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_3_6 <b>Group</b> : NCS/SCS/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_2_3_6)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_3_6 <b>Group</b> : NCS/SCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		+R_REL_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_4_1 <b>Group</b> : NCS/PDDP/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_2_4_1)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_4_1					
<b>Group</b> : NCS/PDDP/					
<b>Objective</b> : To send an IAM containing a propagation delay counter PDC set to a predetermined value					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA_PDC(cic)		
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM (S_IAM.isup_pdu.PDC.PDC_field:=TSO_INT_TO_OCT(TSP_PDC_X))			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_4_2 <b>Group</b> : NCS/PDDP/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_2_4_2)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_4_2 <b>Group</b> : NCS/PDDP/ <b>Objective</b> : Receives Call history in the ANM from the IUT <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_PDC(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_CA			
6		LAC? R_ANM (TCV_CHInf:=R_ANM.isup_pdu.CHInf.CHInf_field)	ANM_AC_CHInf(cic)		
7		[TSO_OCT_TO_INT(TCV_CHInf)>TSP_PDC_X]		(P)	1.
8		+R_REL_etc_AC			
<b>Detailed Comments</b> : 1. Call history information shall be greater than X ms.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_4_3_a					
<b>Group</b> : NCS/PDDP/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_2_4_3_a)			
3		[Local]			
4		CREATE (A_PTC:A_2_4_3_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_4_3_a					
<b>Group</b> : NCS/PDDP/					
<b>Objective</b> : To send an IAM containing a propagation delay counter PDC set to a predetermined value					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA(cic)		
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		+R_ACM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_2_4_3_a					
<b>Group</b> : NCS/PDDP/					
<b>Objective</b> : To send an IAM containing a propagation delay counter PDC set to a predetermined value					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP		
2		ACH! SETUP			
3		+R_ALERT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_2_4_3_b					
<b>Group</b> : NCS/PDDP/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_2_4_3_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_2_4_3_b <b>Group</b> : NCS/PDDP/ <b>Objective</b> : Receives Call history in the ANM from the IUT <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_R)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_CA			
6		LAC? R_ANM	ANM_AC_CHInf(cic)	(P)	1.
7		+R_REL_etc_AC			
<b>Detailed Comments</b> : 1. A CHInf has to be generated in the backward direction.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_1_a <b>Group</b> : NCR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_3_1_a)			
3		[Local]			
4		CREATE (A_PTC:A_3_1_a)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_3_1_a <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		+Delay_I_PTC			
5		LAC! S_REL	REL_CA(cic)		
6		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_3_1_a					
<b>Group</b> : NCR/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_1_b					
<b>Group</b> : NCR/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_3_1_b)			
3		[Local]			
4		CREATE (A_PTC:A_3_1_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_3_1_b					
<b>Group</b> : NCR/					
<b>Objective</b> : Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches the left-side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC	(P)	
3		LAC? R_REL	REL_AC(cic)		
4		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_3_1_b					
<b>Group</b> : NCR/					
<b>Objective</b> : Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches the left-side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_2_a <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_3_2_a)			
3		[Local]			
4		CREATE (A_PTC:A_3_2_a)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_3_2_a <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC! S_REL	REL_CA(cic)		
7		LAC? R_RLC	RLC_AC(cic)	(P)	1.
<b>Detailed Comments</b> : 1. The calling party releases the call					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_3_2_a <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		+Check_ringing_tone_AC			
5		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments</b> : 1. The calling party releases the call					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_2_b <b>Group</b> : NCR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_3_2_b)			
3		[Local]			
4		CREATE (A_PTC:A_3_2_b)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_3_2_b <b>Group</b> : NCR/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC? R_REL	REL_AC(cic)	(P)	
6		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_3_2_b					
<b>Group</b> : NCR/					
<b>Objective</b> : Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches the left–side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	R_SETUP S_ALERT(cr_in)	(P)	
2		ACH? SETUPr			
3		ACH! ALERT			
4		+Check_ringing_tone_CA	R_DISC	(P)	
5		ACH? DISCr			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_3_a					
<b>Group</b> : NCR/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_3_3_a)			
3		[Local]			
4		CREATE (A_PTC:A_3_3_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_3_3_a <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM	ANM_AC(cic)		
7		+Check_communication_I_PTC			
8		LAC! S_REL	REL_CA(cic)		1.
9		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments</b> : 1. The calling party releases the call					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_3_3_a <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		+Check_ringing_tone_AC			
5		ACH? CONNr	R_CONNECT		
6		+Check_communication_A_PTC			
7		ACH! DISC	S_DISC(cr_in)	(P)	1.
<b>Detailed Comments</b> : 1. The calling party releases the call					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_3_b					
<b>Group</b> : NCR/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_3_3_b)			
3		[Local]			
4		CREATE (A_PTC:A_3_3_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_3_3_b <b>Group</b> : NCR/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_3_3_b <b>Group</b> : NCR/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches the left-side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_4_a					
<b>Group</b> : NCR/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_3_4_a)			
3		[Local]			
4		CREATE (A_PTC:A_3_4_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_3_4_a <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM	ANM_AC(cic)		
7		+Check_communication_I_PTC			
8		LAC? R_REL	REL_AC(cic)	(P)	
9		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_3_4_a <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		+Check_ringing_tone_AC			
5		ACH? CONNr	R_CONNECT		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_4_b <b>Group</b> : NCR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_3_4_b)			
3		[Local]			
4		CREATE (A_PTC:A_3_4_b)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_3_4_b <b>Group</b> : NCR/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC! S_REL	REL_CA(cic)		1.
8		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments</b> : 1. The called party releases the call.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_3_4_b <b>Group</b> : NCR/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches the left-side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH! DISC	S_DISC(cr_in)	(P)	1.
<b>Detailed Comments</b> : 1. The called party releases the call.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_5_a					
<b>Group</b> : NCR/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (A_PTC:A_3_5_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_3_5_a <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		+Check_ringing_tone_AC			
5		ACH? CONNr	R_CONNECT		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	1.
<b>Detailed Comments</b> : 1. The calling party releases the call					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_5_b					
<b>Group</b> : NCR/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (I_PTC:I_3_5_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_3_5_b <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM	ANM_AC(cic)		
7		+Check_communication_I_PTC			
8		LAC? R_SUS	SUS_AC(cic)		1.
9		LAC? R_RES	RES_AC(cic)		
10		+Check_communication_I_PTC			
11		LAC! S_REL	REL_CA(cic)		
12		LAC? R_RLC	RLC_AC(cic)		
<b>Detailed Comments</b> : 1. Communication will be suspended by network provided SUS (this may occur in interworking situations)					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_3_8 <b>Group</b> : NCR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_3_8)			
3		[Local]			
4		CREATE (A_PTC:A_3_8)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_3_8 <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM	ANM_AC(cic)		
7		+Check_communication_I_PTC			
8		LAC! S_REL	REL_CA(cic)		1.
9		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments</b> : 1. The calling party releases the call					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_3_8 <b>Group</b> : NCR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		+Check_ringing_tone_AC			
5		ACH? CONNr	R_CONNECT		
6		+Check_communication_A_PTC			
7		ACH! DISC	S_DISC(cr_in)	(P)	1.
<b>Detailed Comments</b> : 1. The calling party releases the call					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_4_1_a <b>Group</b> : UCS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_4_1_a)			
3		[Local]			
4		CREATE (A_PTC:A_4_1_a)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_4_1_a <b>Group</b> : UCS/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_REL	REL_AC_Cause_xx(cic, TSO_INT_TO_BIT_7(28))	(P)	
5		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b> 1. The appropriate Cause value shall be included in the Disconnect message.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_4_1_a					
<b>Group</b> : UCS/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? DISCr	R_DISC	(P)	1.
<b>Detailed Comments</b> : 1. The appropriate Cause value shall be included in the Disconnect message.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_4_1_b					
<b>Group</b> : UCS/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Dispatches the left–side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_4_1_b)			
3		[Local]			
4		CREATE (A_PTC:A_4_1_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_4_1_b <b>Group</b> : UCS/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_REL	REL_AC_Cause_xx(cic, TSO_INT_TO_BIT_7(28))	(P)	
6		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b> 1. The appropriate Cause value shall be included in the Disconnect message.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_4_1_b					
<b>Group</b> : UCS/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches the left–side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		ACH? DISCr	R_DISC	(P)	1.
<b>Detailed Comments</b> :					
1. The appropriate Cause value shall be included in the Disconnect message.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_5_1					
<b>Group</b> : AS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_5_1)			
3		[Local]			
4		CREATE (A_PTC:A_5_1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_5_1 <b>Group</b> : AS/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_5_1 <b>Group</b> : AS/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches the left-side PTC response for an ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_5_2_1					
<b>Group</b> : AS/T/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_5_2_1)			
3		[Local]			
4		CREATE (A_PTC:A_5_2_1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_5_2_1 <b>Group</b> : AS/T/ <b>Objective</b> : Initiate call setup and check that at the expiry of T7 the circuit on the left side will be released. <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_7		(P)	
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
		START T7min, START T7max			
4		+Receive_REL			
		Receive_REL			
5		?TIMEOUT T7min			
6		LAC? R_REL	REL_AC(cic)		
		CANCEL T7max			
7		LAC! S_RLC	RLC_CA(cic)	(P)	
8		?TIMEOUT T7max			
9		LAC! S_REL	REL_CA(cic)		
10		LAC? R_RLC	RLC_AC(cic)	(F)	
11		LAC? R_REL	REL_AC(cic)		
		CANCEL T7min, CANCEL T7max			
12		LAC! S_RLC	RLC_CA(cic)	(F)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_5_2_1					
<b>Group</b> : AS/T/					
<b>Objective</b> : Initiate call setup and check that at the expiry of T7 the circuit on the left side will be released.					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_7	S_SETUP	(P)	
2		ACH! SETUP START T7min, START T7max			
3		?TIMEOUT T7min			
4		ACH? DISCr CANCEL T7max	R_DISC	(P)	
5		?TIMEOUT T7max			
6		ACH! DISC	S_DISC(cr_in)	(F)	
7		ACH? DISCr CANCEL T7min, CANCEL T7max	R_DISC	(F)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_5_2_2 <b>Group</b> : AS/T/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_5_2_2)			
3		[Local]			
4		CREATE (A_PTC:A_5_2_2)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_5_2_2					
<b>Group</b> : AS/T/					
<b>Objective</b> : Initiate call setup and check that at the expiry of T9 the circuit on the left side will be released.					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_9		(P)	
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM START T9min, START T9max	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		+Receive_REL			
		Receive_REL			
7		?TIMEOUT T9min			
8		LAC? R_REL CANCEL T9max	REL_AC(cic)		
9		LAC! S_RLC	RLC_CA(cic)	(P)	
10		?TIMEOUT T9max			
11		LAC! S_REL	REL_CA(cic)		
12		LAC? R_RLC	RLC_AC(cic)	F	
13		LAC? R_REL CANCEL T9min, CANCEL T9max	REL_AC(cic)		
14		LAC! S_RLC	RLC_CA(cic)	F	
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_5_2_2 <b>Group</b> : AS/T/ <b>Objective</b> : Initiate call setup and check that at the expiry of T9 the circuit on the left side will be released. <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_9		(P)	
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr START T9min, START T9max	R_ALERT		
4		+Check_ringing_tone_AC			
5		?TIMEOUT T9min			
6		ACH? DISCr CANCEL T9max	R_DISC	(P)	
7		?TIMEOUT T9max			
8		ACH! DISC	S_DISC(cr_in)	(F)	
9		ACH? DISCr CANCEL T9min, CANCEL T9max	R_DISC	(F)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_5_2_3					
<b>Group</b> : AS/T/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_5_2_3)			
3		[Local]			
4		CREATE (A_PTC:A_5_2_3)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_5_2_3					
<b>Group</b> : AS/T/					
<b>Objective</b> : Assist call setup and issue release					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_5		(P)	1.
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC! S_REL	REL_CA(cic)		
8		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments</b> : 1. This step differs from G_assist_setup_I_PTC by the direction of releasing.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_5_2_3 <b>Group</b> : AS/T/ <b>Objective</b> : Assist call setup and issue release <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_5		(P)	
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH! DISC	S_DISC(cr_in)	(P)	1.
<b>Detailed Comments</b> : 1. This step differs from G_assist_setup_A_PTC by the direction of releasing.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_5_2_4 <b>Group</b> : AS/T/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_5_2_4)			
3		[Local]			
4		CREATE (A_PTC:A_5_2_4)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_5_2_4 <b>Group</b> : AS/T/ <b>Objective</b> : Initiate call setup and check that at the expiry of T6 the circuit on the left side will be released. <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_6		(P)	
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM	ANM_AC(cic)		
7		+Check_communication_I_PTC			
8		LAC? R_SUS START T6min, START T6max	SUS_AC(cic)		
9		+Receive_REL			
10		Receive_REL		(P)	
11		?TIMEOUT T6min			
12		LAC? R_REL CANCEL T6max	REL_AC(cic)		
13		LAC! S_RLC	RLC_CA(cic)	(F)	
14		?TIMEOUT T6max			
15		LAC! S_REL LAC? R_RLC	REL_CA(cic) RLC_AC(cic)		

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Test Step Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
16		LAC? R_REL CANCEL T6min, CANCEL T6max	REL_AC(cic)		
17		LAC! S_RLC	RLC_CA(cic)	(F)	
Detailed Comments :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_5_2_4 <b>Group</b> : AS/T/ <b>Objective</b> : Initiate call setup and check that at the expiry of T6 the circuit on the left side will be released. <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_6		(P)	
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		+Check_ringing_tone_AC			
5		ACH? CONNr	R_CONNECT		
6		+Check_communication_A_PTC			
7		+Receive_DISC			
		Receive_DISC			
8		?TIMEOUT T6min			
9		ACH? DISCr	R_DISC	(P)	
		CANCEL T6max			
10		?TIMEOUT T6max			
11		ACH! DISC	S_DISC(cr_in)	(F)	
12		ACH? DISCr	R_DISC	(F)	
		CANCEL T6min, CANCEL T6max			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_5_2_5 <b>Group</b> : AS/T/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_5_2_5)			
3		[Local]			
4		CREATE (A_PTC:A_5_2_5)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_5_2_5 <b>Group</b> : AS/T/ <b>Objective</b> : Catch IAM and check that at the expiry of T8 the circuit on the left side will be released. <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_8		(P)	
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_NatCon_CntChl_10		
3		START T8min, START T8max +Receive_REL Receive_REL			
4		?TIMEOUT T8min			
5		LAC? R_REL CANCEL T8max	REL_AC(cic)		
6		LAC! S_RLC	RLC_CA(cic)	(P)	
7		?TIMEOUT T8max			
8		LAC! S_REL	REL_CA(cic)		
9		LAC? R_RLC	RLC_AC(cic)	(F)	
10		LAC? R_REL CANCEL T8min, CANCEL T8max	REL_AC(cic)		
11		LAC! S_RLC	RLC_CA(cic)	(F)	
<b>Detailed Comments</b> : This step differs from G_assist_setup_I_PTC by the direction of releasing.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_5_2_5 <b>Group</b> : AS/T/ <b>Objective</b> : Catch IAM and check that at the expiry of T8 the circuit on the left side will be released. <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_8		(P)	
2		ACH? SETUPr START T8min, START T8max	R_SETUP		
3		?TIMEOUT T8min			
4		ACH? DISCr CANCEL T8max	R_DISC	(P)	
5		?TIMEOUT T8max			
6		ACH! DISC	S_DISC(cr_in)	(F)	
7		ACH? DISCr CANCEL T8min, CANCEL T8max	R_DISC	(F)	
<b>Detailed Comments</b> : This step differs from G_assist_setup_A_PTC by the direction of releasing.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_1_2 <b>Group</b> : SCS/CCC/ <b>Objective</b> : To choose the correct step to run at the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_1_2)			
3		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_1_2 <b>Group</b> : SCS/CCC/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates expects an incoming speech call with the continuity check indicator set to "10" (applied on previous circuit).					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_NatCon_CntChl_10		1.
3		LAC! S_ACM	ACM_CA(cic)		2.
4		LAC? R_COT	COT_AC(cic)		
5		+Check_ringing_tone_CA			
6		LAC! S_ANM	ANM_CA(cic)		
7		+Check_communication_I_PTC			
8		LAC? R_REL	REL_AC(cic)		
9		LAC! S_RLC	RLC_CA(cic)	(P)	
10		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		3.
11		LAC! S_ACM	ACM_CA(cic)		
12		+Check_ringing_tone_CA			
13		LAC! S_ANM	ANM_CA(cic)		
14		+Check_communication_I_PTC			
15		LAC? R_REL	REL_AC(cic)		
16		LAC! S_RLC	RLC_CA(cic)	(P)	

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Test Step Dynamic Behaviour					
<b>Detailed Comments :</b> 1. The IAM is received with Continuity indicator set to "10" – applied on previous circuit. A COT should be expected. 2. Sending a backward message to the IUT before the IUT has received the COT (invalid behaviour from left side) 3. The IAM is received with Continuity indicator set to "00". The IUT has in this case delayed the IAM in the forward direction until the receipt of COT. No COT should be received on the AC link.					

Test Step Dynamic Behaviour					
<b>Test Step Name :</b> S_6_1_3_a <b>Group :</b> SCS/CCC/ <b>Objective :</b> To choose the correct step to run the "left" tester <b>Default :</b> AnyOtherEventUnexpected <b>Comments :</b> Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_1_3_a)			
3		[Local]			
4		CREATE (A_PTC:A_6_1_3_a)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_1_3_a					
<b>Group</b> : SCS/CCC/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_24			1.
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
		START Twait_less_T24			
4		?TIMEOUT Twait_less_T24			
5		LAC! S_REL	REL_CA(cic)		
6		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments</b> : 1. Initiate call and release the call after a short time – before T24 – while the IUT is performing continuity_check. 2. The Setup message shall cause an continuity check on the AB interface.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_1_3_a					
<b>Group</b> : SCS/CCC/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_24			
2		ACH! SETUP	S_SETUP		2.
3		START Twait_less_T24			
		?TIMEOUT Twait_less_T24			
4		ACH! DISC	S_DISC(cr_in)	(F)	
<b>Detailed Comments</b> : 1. Initiate call and release the call after a short time – before T24 – while the IUT is performing continuity_check. 2. The Setup message shall cause an continuity check on the AB interface.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_1_3_b <b>Group</b> : SCS/CCC/ <b>Objective</b> : To start the step to be run at the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Dispatches a generic left-side stimulus which initiates expects an incoming speech call with the continuity check indicator set to "10" (applied on previous circuit).					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_1_3_b)			
3		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_1_3_b <b>Group</b> : SCS/CCC/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates expects an incoming speech call with the continuity check indicator set to "10" (applied on previous circuit).					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		1.
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)	(P)	
9		I_CP? CM_GO_AHEAD	CM_go_ahead	(P)	2.
<b>Detailed Comments</b> : 1. The IAM is received with Continuity indicator set to "00". The IUT has in this case delayed the IAM in the forward direction until the receipt of COT. No COT should be received on the AC link. 2. This is the case when the switch doesn't send the IAM further.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_1_4_a					
<b>Group</b> : SCS/CCC/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_1_4_a)			
3		[Local]			
4		CREATE (A_PTC:A_6_1_4_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_1_4_a <b>Group</b> : SCS/CCC/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call. Assists in verifying that the speech path of the call is not throughconnected before the correct time.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		+Check_No_ThroughConnection_AC_I_PTC			
5		LAC? R_ACM	ACM_AC(cic)		
6		+Check_ringing_tone_AC			
7		LAC? R_ANM	ANM_AC(cic)		
8		+Check_communication_I_PTC			
9		LAC! S_REL	REL_CA(cic)		
10		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_1_4_a <b>Group</b> : SCS/CCC/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call. Assists in verifying that the speech path of the call is not throughconnected before the correct time.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		+Check_No_ThroughConnection_AC_A_PTC			
4		ACH? ALERTr	R_ALERT		
5		+Check_ringing_tone_AC			
6		ACH? CONNr	R_CONNECT		
7		+Check_communication_A_PTC			
8		ACH! DISC	S_DISC(cr_in)	(F)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_1_4_b <b>Group</b> : SCS/CCC/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Chooses the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_1_4_b)			
3		[Local]			
4		CREATE (A_PTC:A_6_1_4_b)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_1_4_b <b>Group</b> : SCS/CCC/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which expects an incoming speech call with the continuity check indicator set to "10" (applied on previous circuit). Assists in verifying that the speech path of the call is not throughconnected before the correct time.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_NatCon_CntChl_10		
3		+Check_No_ThroughConnection_AC_I_PTC			
4		LAC? R_COT	COT_AC(cic)		
5		LAC! S_ACM	ACM_CA(cic)		
6		+Check_ringing_tone_CA			
7		LAC! S_ANM	ANM_CA(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_1_4_b <b>Group</b> : SCS/CCC/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which expects an incoming speech call with the continuity check indicator set to "10" (applied on previous circuit). Assists in verifying that the speech path of the call is not throughconnected before the correct time.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		+Check_No_ThroughConnection_AC_A_PTC			
4		ACH! ALERT	S_ALERT(cr_in)		
5		+Check_ringing_tone_CA			
6		ACH! CONN	S_CONNECT(cr_in)		
7		+Check_communication_A_PTC			
8		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_2_1					
<b>Group</b> : SCS/ARA/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_2_1)			
3		[Local]		(I)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_2_1 <b>Group</b> : SCS/ARA/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		(cic1 := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic1)		
4		LAC? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AC		
5		LAC! S_ACM	ACM_CA(cic2)		
6		+Check_ringing_tone_CA			
7		LAC! S_ANM	ANM_CA(cic2)		
8		LAC? R_ACM	ACM_AC(cic1)		
9		(cic := cic1)			
10		+Check_ringing_tone_AC			
11		LAC? R_ANM	ANM_AC(cic1)		
12		+Continue_I			
		Continue_I			
13		+Check_communication			
14		(cic:=cic2)			
15		+Check_communication_I_PTC			
16		+G_Release_call_stim			
17		(cic:=cic1)			

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Test Step Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
18		+G_Release_call_stim			
<b>Detailed Comments :</b> 1. Set-up a call					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_4_1					
<b>Group</b> : SCS/SAO/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the 'left' parallel test component					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]		(I)	
2		CREATE (I_PTC:I_6_4_1)			
3		[Local]			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_4_1					
<b>Group</b> : SCS/SAO/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates an outgoing speech call. A FOT is sent and the communication is checked once again					
Note: This test case is applicable for intermediate exchanges.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM	ANM_AC(cic)		
7		+Check_communication_I_PTC			
8		LAC! S_FOT	FOT_CA(cic)		
9		+Check_communication_I_PTC			
10		+G_Release_call_stim			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_4_2 <b>Group</b> : SCS/SAO/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the required PTCs					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[NTE OR ITE]			
2		CREATE (I_PTC:I_6_4_2)			
3		[OutIE OR IncIE]			
4		CREATE(O_PTC:O_6_4_2,I_PTC:I_6_4_2)			
5		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_4_2 <b>Group</b> : SCS/SAO/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side stimulus needed to support the incoming speech call and the FOT. In the Transit case the FOT request is simply passed on by the IUT to the succeeding exchange (left side). After the communication between (left side) subscriber and operator (right side) has been checked, a FOT is received. The communication is checked again, which now should be between assistant operator (left side) and operator (right side) In the Gateway case, where the Assistance operator is assumed to be at the IUT, the Operator is created awaiting a call setup caused by the FOT.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_FOT	FOT_AC(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : O_6_4_2					
<b>Group</b> : SCS/SAO/					
<b>Objective</b> :					
<b>Default</b> :					
<b>Comments</b> : In the Transit case the FOT request is simply passed on by the IUT to the succeeding exchange (left side). After the communication between (left side) subscriber and operator (right side) has been checked, a FOT is received. The communication is checked again, which now should be between assistant operator (left side) and operator (right side) In the Gateway case, where the Assistance operator is assumed to be at the IUT, the Operator is created awaiting a call setup caused by the FOT.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	FOT_SETUP_FROM_B		
2		OPR? ACTION_INBOX			
3		+Check_communication_OPR			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_4_3					
<b>Group</b> : SCS/SAO/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Creates the required PTCs					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]		(I)	
2		CREATE (I_PTC:I_6_4_3)			
3		[Local]			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_4_3					
<b>Group</b> : SCS/SAO/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates an outgoing speech call sent from operator with code 11 or 12. A FOT is sent and the communication is checked once again					
Note This test case is applicable for intermediate exchanges.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_OPR(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		+Check_ringing_tone_AC			
6		LAC? R_ANM	ANM_AC(cic)		
7		+Check_communication_I_PTC			
8		LAC! S_FOT	FOT_CA(cic)		
9		+Check_communication_I_PTC			
10		+G_Release_call_stim			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_4_4 <b>Group</b> : SCS/SAO/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Creates the required PTCs					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[NTE OR ITE]			
2		CREATE (I_PTC: J_6_4_4)			
3		[OutIE OR IncIE]			
4		CREATE (O_PTC:O_6_4_4,I_PTC: I_6_4_4)			
5		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : J_6_4_4 <b>Group</b> : SCS/SAO/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which expects an incoming speech call. After the communication between (left side) subscriber and operator (right side) has been checked, a FOT is received. The communication is checked again, which now should be between assistance operator (left side) and operator (right side)					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_OPR		
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_FOT	FOT_AC(cic)		
8		+Check_communication_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_4_4					
<b>Group</b> : SCS/SAO/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which expects an incoming speech call After the communication between (left side) subscriber and operator (right side) has been checked, a FOT is received. The communication is checked again, which now should be between assistance operator (left side) and operator (right side)					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> : D is the subscriber beyond SPC 1. Communicate with subscriber D					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : O_6_4_4 <b>Group</b> : SCS/SAO/ <b>Objective</b> : <b>Default</b> : <b>Comments</b> : Dispatches a generic left-side stimulus which expects an incoming speech call After the communication between (left side) subscriber and operator (right side) has been checked, a FOT is received. The communication is checked again, which now should be between assistance operator (left side) and operator (right side)					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		OPR? ACTION_INBOX (cic:=ACTION_INBOX.CIC)	FOT_SETUP_FROM_B		
3		OPR! ACTION_OUTBOX	FOT_SETUP_TO_D(cic)		
4		+Check_communication_OPR			1.
5		+Check_communication_OPR			2.
6		OPR! ACTION_INBOX	SWITCH_B_TO_D(cic)		
7		OPR? ACTION_INBOX (cic:=ACTION_INBOX.CIC)	FOT_SETUP_FROM_B		
8		+Check_communication_OPR			1.
<b>Detailed Comments</b> : D is the subscriber beyond SPC 1. Communicate with subscriber B 2. Communicate with subscriber D					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_5_1					
<b>Group</b> : SCS/SS/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_5_1)			
3		[Local]			
4		CREATE (A_PTC:A_6_5_1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_5_1 <b>Group</b> : SCS/SS/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_SGM(cic)		1.
4		LAC! S_SGM	SGM_CA(cic)		2.
5		LAC? R_ACM	ACM_AC(cic)	(P)	
6		LAC? R_ANM	ANM_AC(cic)		
7		LAC! S_REL	REL_CA(cic)		
8		LAC? R_RLC	RLC_AC(cic)	(P)	
<b>Detailed Comments</b> : 1. The IAM has an OFCI with the Simple segmenation indicator set. 2. The SGM includes UUInf, GenNb, GenNot, ATP					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_5_1					
<b>Group</b> : SCS/SS/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			1.
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> : 1. The Setup message shall cause a Segmentation message to be sent on the AB interface.					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_5_2 <b>Group</b> : SCS/SS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_5_2)			
3		[Local]			
4		CREATE (A_PTC:A_6_5_2)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_5_2 <b>Group</b> : SCS/SS/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		1.
3		LAC? R_COT	COT_AC(cic)		
4		LAC? R_SGM	SGM_AC(cic)		2.
5		LAC! S_ACM	ACM_CA(cic)		
6		LAC! S_ANM	ANM_CA(cic)		
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> : 1. The IAM has an OFCI with the Simple segmenation indicator set. 2. The SGM includes UUInf, GenNb, GenNot, ATP					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_5_2 <b>Group</b> : SCS/SS/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		ACH! CONN	S_CONNECT(cr_in)		
5		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_5_3 <b>Group</b> : SCS/SS/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_5_3)			
3		[Local]			
4		CREATE (A_PTC:A_6_5_3)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_5_3 <b>Group</b> : SCS/SS/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD_34			TypeA
2		[OutIE OR IncIE]			1.
3		START T34min			
4		?TIMEOUT T34min			
5		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		2.
6		+Delay			Wait for segmentation
7		LAC! S_ACM	ACM_CA(cic)		
8		+Check_ringing_tone_CA			
9		LAC! S_ANM	ANM_CA(cic)		
10		+Check_communication_I_PTC			
11		LAC? R_REL	REL_AC(cic)	(P)	
12		LAC! S_RLC	RLC_CA(cic)		
13		[NTE OR ITE]			TypeB
14		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC		2.
15		+Delay			Wait for segmentation
16		LAC! S_ACM	ACM_CA(cic)		
17		+Check_ringing_tone_CA			

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Test Step Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
18		LAC! S_ANM	ANM_CA(cic)	(P)	
19		+Check_communication_I_PTC			
20		LAC? R_REL	REL_AC(cic)		
21		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b> 1. The IAM is withheld because SPA has a policing function 2. The IAM has an OFCI with the Simple segmenation indicator reset (0).					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_5_3					
<b>Group</b> : SCS/SS/					
<b>Objective</b> : Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		ACH! CONN	S_CONNECT(cr_in)		
5		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> : 1. The Setup message shall not include the information which was sent within the Segmentation message on the AB interface.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_6_1					
<b>Group</b> : SCS/FB/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_6_1)			
3		[Local]			
4		CREATE (A_PTC:A_6_6_1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_6_1					
<b>Group</b> : SCS/FB/					
<b>Objective</b> : Check received IAM and Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_2TMR_2USI	(P)	1. 2.
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> : 1. The IAM should contain TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz 2. The call continues normally (The ACM or ANM do not contain the TMU)					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_6_1 <b>Group</b> : SCS/FB/ <b>Objective</b> : Check received IAM and Assist call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		ACH! CONN	S_CONNECT(cr_in)		
5		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> : 1. The Setup message shall indicate a 7 kHz Telephony call.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_6_2_a <b>Group</b> : SCS/FB/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_6_2_a)			
3		[Local]			
4		CREATE (A_PTC:A_6_6_2_a)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_6_2_a					
<b>Group</b> : SCS/FB/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : REFERENCE: 2.5.2.2 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble		(P)	1. 2.
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_2TMR_2USI		
3		LAC! S_ACM	ACM_CA_TMU_SPEECH(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> : 1. The IAM should contain TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz 2. Fallback is indicated by including TMU=speech					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_6_2_a <b>Group</b> : SCS/FB/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : REFERENCE: 2.5.2.2 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		1
3		ACH! ALERT	S_ALERT(cr_in)		2
4		ACH! CONN	S_CONNECT(cr_in)		
5		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> : 1. The Setup message shall indicate a 7 kHz Telephony call 2. The Alerting message shall indicate that fallback occurred					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_6_2_b					
<b>Group</b> : SCS/FB/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]		(I)	
2		CREATE (I_PTC:I_6_6_2_b)			
3		[Local]			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_6_2_b					
<b>Group</b> : SCS/FB/					
<b>Objective</b> : Assist call					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : REFERENCE: 2.5.2.2; 2.5.2.2.2 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_2TMR_2USI	(P)	1.
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_CPG	CPG_CA_TMU_SPEECH(cic)		2.
5		+Check_ringing_tone_CA			
6		LAC! S_ANM	ANM_CA(cic)		
7		+Check_communication_I_PTC			
8		LAC? R_REL	REL_AC(cic)		
9		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> : 1. The IAM should contain TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kH 2. Fallback is indicated by including TMU=speech					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_6_2_c					
<b>Group</b> : SCS/FB/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : REFERENCE: 2.5.3; 2.5.3.1 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_6_2_c)			
3		[Local]			
4		CREATE (A_PTC:A_6_6_2_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_6_2_c <b>Group</b> : SCS/FB/ <b>Objective</b> : Assist call <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : REFERENCE: 2.5.3; 2.5.3.1 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_2TMR_2USI	(P)	1.
3		LAC! S_ACM	ACM_CA(cic)		
4		+Check_ringing_tone_CA			
5		LAC! S_ANM	ANM_CA_TMU_SPEECH(cic)		2.
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> : 1. The IAM should contain TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kHz 2. Fallback is indicated by including TMU=speech					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_6_2_c					
<b>Group</b> : SCS/FB/					
<b>Objective</b> : Assist call					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : REFERENCE: 2.5.3; 2.5.3.1 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP	(P)	1
3		ACH! ALERT	S_ALERT(cr_in)		
4		ACH! CONN	S_CONNECT(cr_in)		2
5		ACH? DISCr	R_DISC		
<b>Detailed Comments</b> : 1. The Setup message shall indicate a 7 kHz Telephony call 2. The Connect message shall indicate that fallback occurred					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_6_2_d <b>Group</b> : SCS/FB/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_6_2_d)			
3		[Local]			
4		CREATE (I_PTC:A_6_6_2_d)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_6_2_d					
<b>Group</b> : SCS/FB/					
<b>Objective</b> : Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : REFERENCE: 2.5.3; 2.5.3.1 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_2TMR_2USI	(P)	1.
3		LAC! S_CON	CON_CA_TMU_SPEECH(cic)		2.
4		+Check_communication_I_PTC			
5		LAC? R_REL	REL_AC(cic)		
6		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> : 1. The IAM should contain TMR=64kb/s pref, TMR'=speech, USI=speech, USI'=7kH 2. Fallback is indicated by including TMU=speech					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_6_2_d					
<b>Group</b> : SCS/FB/					
<b>Objective</b> : Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : REFERENCE: 2.5.3; 2.5.3.1 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! CONN	S_CONNECT(cr_in)		
4		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> : 1. The Setup message shall indicate a 7 kHz Telephony call 2. The Connect message shall indicate that fallback occurred					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_6_3_a					
<b>Group</b> : SCS/FB/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_6_6_3_a)			
3		[Local]			
4		CREATE (A_PTC:A_6_6_3_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_6_6_3_a					
<b>Group</b> : SCS/FB/					
<b>Objective</b> : Assist call setup					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : REFERENCE: 2.5.1.2.2 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC	(P)	1.
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		LAC? R_REL	REL_AC(cic)		
6		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> : 1. The IAM should contain TMR=speech					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_6_3_a <b>Group</b> : SCS/FB/ <b>Objective</b> : Assist call setup <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : REFERENCE: 2.5.1.2.2 /Q.764					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_I_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_6_3_b_c					
<b>Group</b> : SCS/FB/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (A_PTC:A_6_6_3_b_c)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_6_3_b_c <b>Group</b> : SCS/FB/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		+Check_ringing_tone_CA			
4		ACH! CONN	S_CONNECT(cr_in)		
5		ACH! ALERT	S_ALERT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_6_6_3_d <b>Group</b> : SCS/FB/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE (A_PTC:A_6_6_3_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_6_6_3_d <b>Group</b> : SCS/FB/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		+Check_communication_A_PTC			
4		ACH! CONN	S_CONNECT(cr_in)		
5		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_1_a <b>Group</b> : BS/UNR/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_1_a)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_1_a)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_1_a <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic,'00011'B)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_1_a <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_A_PTC			
6		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_1_b					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_1_b)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_1_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_1_b <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic,'00101'B)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_1_b <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_A_PTC			
6		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_1_c					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_1_c)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_1_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_1_c <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic,'01000'B)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_1_c <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_A_PTC			
6		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_1_d					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_1_d)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_1_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_1_d <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic,'01011'B)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_1_d <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_A_PTC			
6		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_1_e					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_1_e)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_1_e)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_1_e <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic,'10000'B)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_1_e <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_A_PTC			
6		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_1_f <b>Group</b> : BS/UNR/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_1_f)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_1_f)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_1_f <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_64kbps('00011'B)		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		+Check_communication_I_PTC			
6		LAC? R_REL	REL_AC(cic)		
7		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_1_f <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_1_g <b>Group</b> : BS/UNR/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_1_g)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_1_g)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_1_g <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_64kbps('00101'B)		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		+Check_communication_I_PTC			
6		LAC? R_REL	REL_AC(cic)		
7		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_1_g <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_1_h					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_1_h)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_1_h)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_1_h <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_64kbps('01000'B)		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		+Check_communication_I_PTC			
6		LAC? R_REL	REL_AC(cic)		
7		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_1_h <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_1_i					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_1_i)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_1_i)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_1_i <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_64kbps('01011'B)		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		+Check_communication_I_PTC			
6		LAC? R_REL	REL_AC(cic)		
7		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_1_i <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_1_j					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_1_j)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_1_j)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_1_j <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_64kbps('10000'B)		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		+Check_communication_I_PTC			
6		LAC? R_REL	REL_AC(cic)		
7		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_1_j <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary incoming speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP		
3		ACH! ALERT	S_ALERT(cr_in)		
4		+Check_ringing_tone_CA			
5		ACH! CONN	S_CONNECT(cr_in)		
6		+Check_communication_A_PTC			
7		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_2_a					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_2_a)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_2_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_2_a <b>Group</b> : BS/UNR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic, '10000'B)		
4		LAC? R_REL	REL_AC_Cause_xx(cic, '0000001'B)	(P)	1.
5		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> : 1. The appropriate Cause value shall be included in the Release message.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_2_a					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_DISC	(P)	1
2		ACH! SETUP			
3		ACH? DISCr			
<b>Detailed Comments</b> : 1. The appropriate Cause value shall be included in the Disconnect message.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_2_b					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_2_b)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_2_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_2_b <b>Group</b> : BS/UNR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic, '10000'B)		
4		LAC? R_REL	REL_AC_Cause_xx(cic, '0100010'B)	(P)	
5		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_2_b					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_DISC	(P)	1
2		ACH! SETUP			
3		ACH? DISCr			
<b>Detailed Comments</b> : 1. The appropriate Cause value shall be included in the Disconnect message.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_2_c					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_2_c)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_2_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_2_c <b>Group</b> : BS/UNR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic, '10000'B)		
4		LAC? R_REL	REL_AC_Cause_xx(cic, '0111001'B)	(P)	
5		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_2_c					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_DISC	(P)	1
2		ACH! SETUP			
3		ACH? DISCr			
<b>Detailed Comments</b> : 1. The appropriate Cause value shall be included in the Disconnect message.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_2_d					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_2_d)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_2_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_2_d <b>Group</b> : BS/UNR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic,'10000'B)		
4		LAC? R_REL	REL_AC_Cause_xx(cic,'0111010'B)	(P)	
5		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_2_d					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_DISC	(P)	1
2		ACH! SETUP			
3		ACH? DISCr			
<b>Detailed Comments</b> : 1. The appropriate Cause value shall be included in the Disconnect message.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_2_e					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_7_1_2_e)			
3		[Local]			
4		CREATE (A_PTC:A_7_1_2_e)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_2_e <b>Group</b> : BS/UNR/ <b>Objective</b> : Initiate call setup <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic,'10000'B)		
4		LAC? R_REL	REL_AC_Cause_xx(cic,'1000001'B)	(P)	
5		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_1_2_e					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : Initiate call setup					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches the left-side PTC stimulus for an ordinary outgoing speech call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_DISC	(P)	1
2		ACH! SETUP			
3		ACH? DISCr			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_1_3					
<b>Group</b> : BS/UNR/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]		(I)	
2		CREATE (I_PTC:I_7_1_3)			
3		[Local]			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_1_3 <b>Group</b> : BS/UNR/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic1 := TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_64kbps(cic1, '10000'B)		1.
4		LAC? R_IAM (cic2:=R_IAM.isup_pdu.CIC, cic:=cic2)	IAM_AC_64kbps('10000'B )		1.
5		LAC! S_ACM	ACM_CA(cic2)		
6		LAC! S_ANM	ANM_CA(cic2)		
7		LAC? R_ACM	ACM_AC(cic1)		
8		(cic := cic1)			
9		LAC? R_ANM	ANM_AC(cic1)		
10		+Continue_I			
		Continue_I			
11		+Check_communication			
12		(cic:=cic2)			
13		+Check_communication			
14		+G_Release_call_stim			
15		(cic:=cic1)			
16		+G_Release_call_stim			

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Test Step Dynamic Behaviour
<b>Detailed Comments :</b> 1. Data call with user rate 64 kbit/s.

Test Step Dynamic Behaviour					
<b>Test Step Name :</b> S_7_3_1_a <b>Group :</b> BS/MCT/ <b>Objective :</b> To choose the correct step to be run for the "left" tester <b>Default :</b> AnyOtherEventUnexpected <b>Comments :</b>					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_1_a)			
3		[Local]			
4		CREATE(A_PTC: A_7_3_1_a)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_1_a <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_2X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_2x64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_3_1_a <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_2X64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_2x64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_3_1_b <b>Group</b> : BS/MCT/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_1_b)			
3		[Local]			
4		CREATE(A_PTC: A_7_3_1_b)			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_1_b <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_384(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_384_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_3_1_b <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_384		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_384_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_3_1_c <b>Group</b> : BS/MCT/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_1_c)			
3		[Local]			
4		CREATE(A_PTC: A_7_3_1_c)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_1_c <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_1536(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_1536_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_3_1_c <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_1536		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_1536_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_3_1_d					
<b>Group</b> : BS/MCT/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_1_d)			
3		[Local]			
4		CREATE(A_PTC: A_7_3_1_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_1_d <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_1920(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_1920_I_PTC			
7		LAC? R_REL	REL_AC(cic)		
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_3_1_d <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_1920		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_1920_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_3_2_a					
<b>Group</b> : BS/MCT/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_2_a)			
3		[Local]			
4		CREATE(A_PTC: A_7_3_2_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_2_a <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_2X64		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		+Check_communication_2x64_I_PTC			
6		LAC? R_REL	REL_AC(cic)		
7		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_3_2_a <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP_2X64		
3		ACH! ALERT	S_ALERT(cr_in)		
4		ACH! CONN	S_CONNECT(cr_in)		
5		+Check_communication_2x64_A_PTC			
6		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_3_2_b <b>Group</b> : BS/MCT/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_2_b)			
3		[Local]			
4		CREATE(A_PTC: A_7_3_2_b)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_2_b <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_384		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		+Check_communication_384_I_PTC			
6		LAC? R_REL	REL_AC(cic)		
7		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_3_2_b <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP_384		
3		ACH! ALERT	S_ALERT(cr_in)		
4		ACH! CONN	S_CONNECT(cr_in)		
5		+Check_communication_384_A_PTC			
6		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_3_2_c <b>Group</b> : BS/MCT/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_2_c)			
3		[Local]			
4		CREATE(A_PTC: A_7_3_2_c)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_2_c <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_1536		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		+Check_communication_1536_I_PTC			
6		LAC? R_REL	REL_AC(cic)		
7		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_3_2_c <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP_1536		
3		ACH! ALERT	S_ALERT(cr_in)		
4		ACH! CONN	S_CONNECT(cr_in)		
5		+Check_communication_1536_A_PTC			
6		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_3_2_d					
<b>Group</b> : BS/MCT/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_2_d)			
3		[Local]			
4		CREATE(A_PTC: A_7_3_2_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_2_d <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_1920		
3		LAC! S_ACM	ACM_CA(cic)		
4		LAC! S_ANM	ANM_CA(cic)		
5		+Check_communication_1920_I_PTC			
6		LAC? R_REL	REL_AC(cic)		
7		LAC! S_RLC	RLC_CA(cic)	(P)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_7_3_2_d <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH? SETUPr	R_SETUP_1920		
3		ACH! ALERT	S_ALERT(cr_in)		
4		ACH! CONN	S_CONNECT(cr_in)		
5		+Check_communication_1920_A_PTC			
6		ACH? DISCr	R_DISC	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_3_3 <b>Group</b> : BS/MCT/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_3)			
3		[Local]		(I)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_3 <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		+Establish_call_AC			
3		+G_Release_call_stim			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_3_4					
<b>Group</b> : BS/MCT/					
<b>Objective</b> : To choose the correct step to be run for the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_4)			
3		[Local]		(I)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_4 <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_1536(cic)		
4		LAC? R_CON	CON_AC(cic)		
5		+Check_communication_1536_I_PTC			
6		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_2X64		
7		LAC! S_CON	CON_CA(cic)		
8		+Check_communication_2x64_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_REL	REL_CA(cic)		
11		(cic := TSP_CIC_L)			
12		LAC? R_REL	REL_AC(cic)	(P)	
13		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_7_3_5 <b>Group</b> : BS/MCT/ <b>Objective</b> : To choose the correct step to be run for the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE(I_PTC: I_7_3_5)			
3		[Local]		(I)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_7_3_5 <b>Group</b> : BS/MCT/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_384(cic)		
4		LAC? R_REL	REL_AC_C41(cic)		
5		LAC! S_IAM	IAM_CA_TMR_384(cic)		
6		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_1536		
7		+L_I_7_3_5			
8		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_1536		
9		+L_I_7_3_5			
		L_I_7_3_5			
10		LAC? R_CON	CON_AC(cic)		
11		(cic := TSP_CIC_L)			
12		LAC! S_CON	CON_CA(cic)		
13		+Check_communication_1536_I_PTC			
14		(cic := TSO_BitStr_add(TSP_CIC_L, '11001'B))			
15		+Check_communication_384_I_PTC			
16		LAC? R_REL	REL_AC(cic)		
17		LAC! S_RLC	RLC_CA(cic)		

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Test Step Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
18		(cic := TSP_CIC_L)			
19		LAC? R_REL	REL_AC(cic)	(P)	
20		LAC! S_RLC	RLC_CA(cic)		
Detailed Comments :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_8_1_1 <b>Group</b> : ACC/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> : Choose the correct step to be run for the "left" tester					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_8_1_1)			
3		[Local]		(I)	
Detailed Comments :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_8_1_1 <b>Group</b> : ACC/ <b>Objective</b> : Generate a number of calls from SPC to SPA <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(TCV_count0:=0)			
3		(cic:=TSP_CIC_L)			
4		REPEAT Send_IAM_CA UNTIL [TCV_count0=TSP_maxNbCalls-TSP_lessCalls]			
5		I_CP! CM_GO_AHEAD	CM_go_ahead		
6		Send_IAM_CA			
7		(TCV_count0:=TCV_count0+1)			
8		(cic:=TSO_Next_CIC(cic))			
		LAC! S_IAM	IAM_CA(cic)		1.
<b>Detailed Comments</b> : 1. TSO to get next CIC on the "left" side.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Release_all_calls (TCV_count_recvd : INTEGER) <b>Group</b> : ACC/ <b>Objective</b> : Release all setup calls <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(TCV_count0:=0)			
2		REPEAT Send_REL UNTIL [TCV_count0=TCV_count_recvd]			
		Send_REL			
3		(TCV_count0:=TCV_count0+1)			
4		LAB! S_REL	REL_BA(cic)		
5		LAB? R_RLC	RLC_AB(cic)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Count_IAM <b>Group</b> : ACC/ <b>Objective</b> : Count number of received IAMs <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		(TCV_count0:=0)			
2		(TCV_done:=FALSE)			
3		START T_WAIT			
4		(TCV_time:=FALSE)			
5		REPEAT Receive_IAM_AB UNTIL [TCV_done AND TCV_time]			1.
<b>Detailed Comments</b> : 1. Receive IAMs and count them until the parallel test componenet which sends the IAMs is through and the permitted time interval has elapsed.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : Receive_IAM_AB <b>Group</b> : ACC/ <b>Objective</b> : Receive IAMs <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB		2.
2		(TCV_count0:=TCV_count0+1)			
3		I_CP? CM_GO_AHEAD	CM_go_ahead		3.
4		(TCV_done:=TRUE)			4.
5		?TIMEOUT T_WAIT (TCV_time:=TRUE)			
<b>Detailed Comments</b> : 2. Another IAM received, count it 3. Check if the parallel test component has finished its task. If true, no more IAMs are expected. 4. Allow for a T_WAIT interval to receive IAMs.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_1_1					
<b>Group</b> : EC/SI/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_1_1)			
3		[Local]			
4		CREATE (A_PTC:A_9_1_1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_1_1 <b>Group</b> : EC/SI/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_1 (cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_1_1					
<b>Group</b> : EC/SI/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		1.
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> : 1. The Setup message shall cause that the IUT includes a outgoing half echo control device.					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_1_2 <b>Group</b> : EC/SI/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_1_2)			
3		[Local]			
4		CREATE (A_PTC:A_9_1_2)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_1_2					
<b>Group</b> : EC/SI/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_1_2					
<b>Group</b> : EC/SI/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_1_3					
<b>Group</b> : EC/SI/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_ECI_0(cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_1_3					
<b>Group</b> : EC/SI/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_1_3)			
3		[Local]			
4		CREATE (A_PTC:A_9_1_3)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_1_3					
<b>Group</b> : EC/SI/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_1					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_ECI_0(cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1_E CI_1(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_1					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_1)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_1					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_2 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_ECI_0(cic)		eci = oa, oni
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1_E CI_1(cic)		
5		LAC? R_CPG	CPG_AC_EchoInf_4(cic)	(P)	
6		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_2					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_2)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_2)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_2					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_3					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_ECI_1(cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1_E CI_1(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_3 <b>Group</b> : EC/EN/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_3)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_3)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_3					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_4 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_0 (cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1_E CI_4(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_4					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_4)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_4)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_4					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_5 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_0 (cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1_E CI_14(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_5					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_5)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_5)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_5					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_6 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_1 _ECI2(cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1_E CI_4(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_6					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_6)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_6)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_6					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_7 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_1 _ECI2(cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1_E CI_14(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_7					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_7)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_7)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_7					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_8 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_0 (cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_8					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_8)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_8)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_8					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_9 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_1 (cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_1(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_9					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_9)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_9)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_9					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_10 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_ECI_0(cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_0_E CI_C(cic)	(P)	
5		LAC? R_CPG	CPG_AC_EchoInf_C(cic)	(P)	
6		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_10					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_10)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_10)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_10					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_11 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_1 _ECI2(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_11					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_11)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_11)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_11					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_12					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_ECI_0(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_12 <b>Group</b> : EC/EN/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_12)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_12)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_12					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_13					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_ECI_1(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_13					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_13)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_13)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_13					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_14 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_0 (cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_14					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_14)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_14)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_14					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_15 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_1 (cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_15					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_15)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_15)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_15					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_16 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_NatCon_ECDI_0 _ECI_0(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_16					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_16)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_16)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_16					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_17 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_ECI_0(cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_0_E CI_C(cic)	(P)	
5		LAC? R_CPG	CPG_AC_EchoInf_C(cic)	(P)	
6		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_17					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_17)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_17)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_17					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_18 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_ECI_0(cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_0_E CI_C(cic)	(P)	
5		+Check_ringing_tone_AC			
6		LAC? R_CPG	CPG_AC(cic)	(P)	
7		LAC? R_ANM	ANM_AC(cic)	(P)	
8		LAC? R_NRM	NRM_AC(cic)	(P)	
9		+R_REL_etc_AC			
10		LAC? R_ANM	ANM_AC(cic)	(P)	
11		LAC? R_NRM	NRM_AC(cic)	(P)	
12		+R_REL_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_18 <b>Group</b> : EC/EN/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_18)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_18)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_18					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_9_2_19 <b>Group</b> : EC/EN/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_ECI_0(cic)		
4		LAC? R_ACM	ACM_AC_BCI_ECDI_0_E CI_C(cic)	(P)	
5		LAC? R_NRM	NRM_AC(cic)	(P)	
6		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_9_2_19					
<b>Group</b> : EC/EN/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_9_2_19)			
3		[Local]			
4		CREATE (A_PTC:A_9_2_19)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_9_2_19					
<b>Group</b> : EC/EN/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_10_1_1					
<b>Group</b> : TAR/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA(cic) ACM_AC(cic)	(P)	
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		LAC? R_ACM			
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_10_1_1 <b>Group</b> : TAR/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_10_1_1)			
3		[Local]			
4		CREATE (A_PTC:A_10_1_1)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_10_1_1					
<b>Group</b> : TAR/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_10_1_2					
<b>Group</b> : TAR/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TAR_call(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_10_1_2 <b>Group</b> : TAR/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_10_1_2)			
3		[Local]			
4		CREATE (A_PTC:A_10_1_2)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_10_1_2					
<b>Group</b> : TAR/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_11_1_1					
<b>Group</b> : HOP/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_11_1_1					
<b>Group</b> : HOP/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_11_1_1)			
3		[Local]			
4		CREATE (A_PTC:A_11_1_1)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_11_1_1					
<b>Group</b> : HOP/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_11_1_2 <b>Group</b> : HOP/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA(cic)		
4		LAC? R_REL	REL_AC_C31(cic)	(P)	
5		LAC! S_RLC	RLC_CA(cic)		
6		LAC? R_REL	REL_AC(cic)	(F)	
7		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_11_1_2 <b>Group</b> : HOP/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_11_1_2)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_11_1_3 <b>Group</b> : HOP/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Local]			
2		CREATE (A_PTC:A_11_1_3)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_11_1_3 <b>Group</b> : HOP/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP		
3		ACH? DISCr	R_DISC	(P)	
4		MNT? MNT_IND	ALERT_MNT	(P)	Check Management notification
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_11_1_4					
<b>Group</b> : HOP/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_HOP_max(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_11_1_4					
<b>Group</b> : HOP/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_11_1_4)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_11_1_5 <b>Group</b> : HOP/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_HOP_1(cic)		
4		LAC? R_REL	REL_AC_C25(cic)	(P)	
5		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_11_1_5 <b>Group</b> : HOP/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_11_1_5)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_12_1_1					
<b>Group</b> : CALLCOL/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	IAM_CA(cic) ACM_AC(cic)	(P)	
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM			
4		LAC? R_ACM			
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_12_1_1					
<b>Group</b> : CALLCOL/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_12_1_1)			
3		[Local]			
4		CREATE (A_PTC:A_12_1_1)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_12_1_1					
<b>Group</b> : CALLCOL/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_12_1_2					
<b>Group</b> : CALLCOL/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_CallColl(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_12_1_2 <b>Group</b> : CALLCOL/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_12_1_2)			
3		[Local]			
4		CREATE (A_PTC:A_12_1_2)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_12_1_2					
<b>Group</b> : CALLCOL/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_1					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_I_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_1					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_1)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_1					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_2 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64_CCT _MAP(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_2					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_2)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_2)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_2					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_a <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_3X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_a					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_a)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_a <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_b <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_b					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_b)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_b)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_b <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_c <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_5X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_c					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_c)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_c)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_c <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_d <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_7X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_d					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_d)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_d)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_d <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_e <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_8X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_e					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_e)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_e)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_e <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_f <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_9X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_f					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_f)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_f)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_f <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_g <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_10X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_g					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_g)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_g)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_g <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_h <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_11X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_h					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_h)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_h)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_h <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_i <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_12X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_i <b>Group</b> : Nx64k/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_i)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_i)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_i <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_j <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_13X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_j					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_j)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_j)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_j <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_k <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_14X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_k					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_k)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_k)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_k <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_I <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_15X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_I					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_I)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_I)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_I <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_m <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_16X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_m					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_m)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_m)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_m <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_n <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_17X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_n					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_n)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_n)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_n <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_o <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_18X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_o					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_o)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_o)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_o <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_p <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_19X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_p <b>Group</b> : Nx64k/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_p)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_p)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_p <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_q <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_20X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_q <b>Group</b> : Nx64k/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_q)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_q)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_q <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_r <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_21X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_r					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_r)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_r)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_r <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_s <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_22X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_s					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_s)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_s)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_s <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_t <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_23X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_t					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_t)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_t)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_t <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_u <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_25X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_u					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_u)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_u)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_u <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_v <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_26X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_v					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_v)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_v)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_v <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_w <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_27X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_w					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_w)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_w)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_w <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_x <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_28X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_x					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_x)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_x)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_x <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_3_y <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_29X64(cic)		
4		LAC? R_ACM	ACM_AC(cic)		
5		LAC? R_ANM	ANM_AC(cic)		
6		+Check_communication_Nx64_I_PTC			
7		LAC? R_REL	REL_AC(cic)	(P)	
8		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_3_y <b>Group</b> : Nx64k/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_3_y)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_3_y)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_3_y <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_A_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates an Nx64kBit call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		ACH! SETUP	S_SETUP_NX64		
3		ACH? ALERTr	R_ALERT		
4		ACH? CONNr	R_CONNECT		
5		+Check_communication_Nx64_A_PTC			
6		ACH! DISC	S_DISC(cr_in)	(P)	
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_4 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64_CCT _MAP(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_4					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_4)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_4)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_4					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_5 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64_CCT _MAP(cic)		
4		LAC? R_ACM	ACM_AC(cic)	(P)	
5		+R_ANM_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_5					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_5)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_4)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_5					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_6 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates ordinary outgoing speech call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_25X64(cic)		
4		LAC? R_CON	CON_AC(cic)		
5		+Check_communication_1536_I_PTC			
6		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_2X64		
7		LAC! S_CON	CON_CA(cic)		
8		+Check_communication_2x64_I_PTC			
9		LAC? R_REL	REL_AC(cic)		
10		LAC! S_REL	REL_CA(cic)		
11		(cic := TSP_CIC_L)			
12		LAC? R_REL	REL_AC(cic)	(P)	
13		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_6					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_6)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_6)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_6					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_7 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_10X64(cic)		
4		I_CP? CM_CONTROL	CM_control_A		
5		+PartA			
6		I_CP? CM_CONTROL	CM_control_B		
7		+PartB			
		PartA			
8		LAC? R_REL	REL_AC(cic)		
9		LAC? R_IAM (cic1:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_10X64		Rx call
10		LAC! S_CON	CON_CA(cic1)		
11		LAC? R_REL	REL_AC(cic1)		
12		LAC! S_RLC	RLC_CA(cic)		
13		LAC! S_RLC	RLC_CA(cic1)		
		PartB			
14		LAC? R_CON	CON_AC(cic)		Proc call
15		LAC? R_REL	REL_AC(cic)		
16		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_7 <b>Group</b> : Nx64k/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_7)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_7)			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_7					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_8 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_10X64(cic)		
4		I_CP? CM_CONTROL	CM_control_A		
5		+PartA			
6		I_CP? CM_CONTROL	CM_control_B		
7		+PartB			
		PartA			
8		LAC? R_REL	REL_AC(cic)		
9		LAC? R_IAM (cic1:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_10X64		Rx call
10		LAC! S_CON	CON_CA(cic1)		
11		LAC? R_REL	REL_AC(cic1)		
12		LAC! S_RLC	RLC_CA(cic)		
13		LAC! S_RLC	RLC_CA(cic1)		
		PartB			
14		LAC? R_CON	CON_AC(cic)		Proc call
15		LAC? R_REL	REL_AC(cic)		
16		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_8 <b>Group</b> : Nx64k/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_8)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_8)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_8					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_9 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_10X64(cic)		
4		I_CP? CM_CONTROL	CM_control_A		
5		+PartA			
6		I_CP? CM_CONTROL	CM_control_B		
7		+PartB			
		PartA			
8		LAC? R_REL	REL_AC(cic)		
9		LAC? R_IAM (cic1:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_10X64		Rx call
10		LAC! S_CON	CON_CA(cic1)		
11		LAC? R_REL	REL_AC(cic1)		
12		LAC! S_RLC	RLC_CA(cic)		
13		LAC! S_RLC	RLC_CA(cic1)		
		PartB			
14		LAC? R_CON	CON_AC(cic)		Proc call
15		LAC? R_REL	REL_AC(cic)		
16		LAC! S_RLC	RLC_CA(cic)		
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_9					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_9)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_9)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_9					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_10 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64(cic)		
4		LAC? R_CON	CON_AC(cic)	(P)	
5		+R_REL_etc_AC			
6		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_2X64	(P)	
7		LAC! S_CON	CON_CA(cic)		
8		+R_REL_etc_AC			
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_10 <b>Group</b> : Nx64k/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_10)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_10)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_10					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_10_a <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64(cic)		
4		LAC? R_CON	CON_AC(cic)	(P)	
5		+R_REL_etc_AC			
6		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_2X64	(P)	
7		LAC! S_CON	CON_CA(cic)		
8		+R_REL_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_10_a					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_10_a)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_10_a)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_10_a					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_11 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64(cic)		
4		LAC? R_CON	CON_AC(cic)	(P)	
5		+R_REL_etc_AC			
6		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_2X64	(P)	
7		LAC! S_CON	CON_CA(cic)		
8		+R_REL_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_11					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_11)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_11)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_11					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_12 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64(cic)		
4		LAC? R_CON	CON_AC(cic)	(P)	
5		+R_REL_etc_AC			
6		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_2X64	(P)	
7		LAC! S_CON	CON_CA(cic)		
8		+R_REL_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_12 <b>Group</b> : Nx64k/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_12)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_12)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_12					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left–side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_13 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64(cic)		
4		LAC? R_GRS	GRS_AC(cic)	(P)	
5		LAC! S_GRA	GRA_CA(cic)		
6		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_2X64	(P)	
7		LAC! S_CON	CON_CA(cic)		
8		+R_REL_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_13 <b>Group</b> : Nx64k/ <b>Objective</b> : To choose the correct step to run the "left" tester <b>Default</b> : AnyOtherEventUnexpected <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_13)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_13)			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_13					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : I_13_1_14 <b>Group</b> : Nx64k/ <b>Objective</b> : <b>Default</b> : AnyOtherEventUnexpected_I_PTC <b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble			
2		(cic:=TSP_CIC_L)			
3		LAC! S_IAM	IAM_CA_TMR_4X64(cic)		
4		LAC? R_CON	CON_AC(cic)	(P)	
5		+R_REL_etc_AC			
6		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_TMR_2X64	(P)	
7		LAC! S_CON	CON_CA(cic)		
8		+R_REL_etc_AC			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : S_13_1_14					
<b>Group</b> : Nx64k/					
<b>Objective</b> : To choose the correct step to run the "left" tester					
<b>Default</b> : AnyOtherEventUnexpected					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[Interm]			
2		CREATE (I_PTC:I_13_1_14)			
3		[Local]			
4		CREATE (A_PTC:A_13_1_14)			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : A_13_1_14					
<b>Group</b> : Nx64k/					
<b>Objective</b> :					
<b>Default</b> : AnyOtherEventUnexpected_A_PTC					
<b>Comments</b> : Dispatches a generic left-side stimulus which initiates a call, and which also releases the call.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+Preamble	S_SETUP R_ALERT		
2		ACH! SETUP			
3		ACH? ALERTr			
4		+R_CONNECT_etc_AC			
<b>Detailed Comments</b> :					

Default Dynamic Behaviour					
<b>Default Name :</b> AnyOtherEventUnexpected <b>Group :</b> <b>Objective :</b> <b>Comments :</b>					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAB? R_REL	REL_AB(cic)	(F)	1.
2		LAB! S_RLC	RLC_BA(cic)	F	
3		LAB? R_RSC	RSC_AB(cic)	(F)	
4		LAB! S_RLC	RLC_BA(cic)	F	
5		?TIMEOUT		(F)	
6		LAB! S_RSC	RSC_BA(cic)		
7		START T_WAIT			
8		+RLC_or_BLO			
9		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_any	(F)	
10		LAB! S_RSC	RSC_BA(cic)		
11		START T_WAIT			
12		+RLC_or_BLO			
13		LAB?OTHERWISE		(F)	
14		LAB! S_RSC	RSC_BA(cic)		
15		START T_WAIT			
16		+RLC_or_BLO			
		RLC_or_BLO			
17		LAB? R_RLC CANCEL T_WAIT, START T_WAIT	RLC_AB(cic)		

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Default Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
18		LAB? R_BLO	BLO_AB(cic)		
19		LAB! S_BLA	BLA_BA(cic)	F	
20		LAB?OTHERWISE		F	
21		?TIMEOUT T_WAIT		F	
22		LAB? R_BLO CANCEL T_WAIT	BLO_AB(cic)		2.
23		LAB! S_BLA	BLA_BA(cic)		
24		START T_WAIT			1
25		LAB? R_RLC	RLC_AB(cic)	F	
26		LAB?OTHERWISE		F	
27		?TIMEOUT T_WAIT		F	
28		LAB?OTHERWISE		F	
29		?TIMEOUT T_WAIT		F	
<b>Detailed Comments :</b> 1. Timer T_WAIT is used to prevent an infinite loop if the RLC is not received. 2. See 2.9.3.1 c) / Q.764					

Default Dynamic Behaviour					
<b>Default Name :</b> AnyOtherEventUnexpectedGroup <b>Group :</b> <b>Objective :</b> <b>Comments :</b>					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAB? R_REL	REL_AB(cic)	(F)	1.
2		LAB! S_RLC	RLC_BA(cic)	F	
3		LAB? R_RSC	RSC_AB(cic)	(F)	
4		LAB! S_RLC	RLC_BA(cic)	F	
5		LAB? R_GRS	GRS_AB(cic)	(F)	
6		LAB! S_GRA	GRA_BA(cic)	F	
7		?TIMEOUT		(F)	
8		LAB! S_GRS	GRS_BA(cic)		
9		START T_WAIT			
10		+GRA_or_BLO			
11		LAB? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AB_any	(F)	
12		LAB! S_GRS	GRS_BA(cic)		
13		START T_WAIT			
14		+GRA_or_BLO			
15		LAB?OTHERWISE		(F)	
16		LAB! S_GRS	GRS_BA(cic)		
17		START T_WAIT			
18		+GRA_or_BLO			
		GRA_or_BLO			

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Default Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
19	L1	LAB? R_GRA CANCEL T_WAIT, START T_WAIT	GRA_AB(cic)		
20		LAB? R_BLO (cic:=R_BLO.isup_pdu.CIC)	BLO_AB_ANY		
21		LAB! S_BLA	BLA_BA(cic)		
22		(cic := TSP_CIC_R)			
23		GOTO L1			
24		LAB? R_CGB (cic := R_CGB.isup_pdu.CIC, TCV_RngStat_len := R_CGB.isup_pdu.RngSts.length, TCV_RngStat_Rng := R_CGB.isup_pdu.RngSts.Range, TCV_RngStat_Stat := R_CGB.isup_pdu.RngSts.Status)	CGB_AB_MO_ANY		
25		LAB! S_CGBA	CGBA_BA_MO_DEFAULT (cic, TCV_RngStat_len, TCV_RngStat_Rng, TCV_RngStat_Stat)		
26		(cic := TSP_CIC_R)			
27		GOTO L1			
28		LAB? R_CGB (cic := R_CGB.isup_pdu.CIC, TCV_RngStat_len := R_CGB.isup_pdu.RngSts.length, TCV_RngStat_Rng := R_CGB.isup_pdu.RngSts.Range, TCV_RngStat_Stat := R_CGB.isup_pdu.RngSts.Status)	CGB_AB_HO_ANY		
29		LAB! S_CGBA	CGBA_BA_HO_DEFAULT (cic, TCV_RngStat_len, TCV_RngStat_Rng, TCV_RngStat_Stat)		
30		(cic := TSP_CIC_R)			
31		GOTO L1			

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Default Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
32		LAB?OTHERWISE		F	
33		?TIMEOUT T_WAIT		F	
34		LAB? R_BLO CANCEL T_WAIT	BLO_AB(cic)		2.
35		LAB! S_BLA	BLA_BA(cic)		
36		START T_WAIT			1
37		LAB? R_RLC	RLC_AB(cic)	F	
38		LAB?OTHERWISE		F	
39		?TIMEOUT T_WAIT		F	
40		LAB?OTHERWISE		F	
41		?TIMEOUT T_WAIT		F	
<b>Detailed Comments :</b> 1. Timer T_WAIT is used to prevent an infinite loop if the RLC is not received. 2. See 2.9.3.1 c) / Q.764					

Default Dynamic Behaviour					
<b>Default Name :</b> AnyOtherEventUnexpected_I_PTC <b>Group :</b> <b>Objective :</b> <b>Comments :</b>					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		LAC? R_REL	REL_AC(cic)	(F)	1.
2		LAC! S_RLC	RLC_CA(cic)	F	
3		LAC? R_RSC	RSC_AC(cic)	(F)	
4		LAC! S_RLC	RLC_CA(cic)	F	
5		?TIMEOUT		(F)	
6		LAC! S_RSC	RSC_CA(cic)		
		START T_WAIT			
7		+RLC_or_BLO			
8		LAC? R_IAM (cic:=R_IAM.isup_pdu.CIC)	IAM_AC_any		
9		LAC! S_RSC	RSC_CA(cic)		
10		START T_WAIT			
11		+RLC_or_BLO			
12		LAC?OTHERWISE		(F)	
13		LAC! S_RSC	RSC_CA(cic)		
		START T_WAIT			
14		+RLC_or_BLO			
		RLC_or_BLO			
15		LAC? R_RLC	RLC_AC(cic)		
		CANCEL T_WAIT, START T_WAIT			
16		LAC? R_BLO	BLO_AC(cic)		

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Default Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
17		LAC! S_BLA	BLA_CA(cic)	F	
18		LAC?OTHERWISE		F	
19		?TIMEOUT T_WAIT		F	
20		LAC? R_BLO CANCEL T_WAIT	BLO_AC(cic)		2.
21		LAC! S_BLA	BLA_CA(cic)		1
22		START T_WAIT			
23		LAC? R_RLC	RLC_AC(cic)	F	
24		LAC?OTHERWISE		F	
25		?TIMEOUT T_WAIT		F	
26		LAC?OTHERWISE		F	
27		?TIMEOUT T_WAIT		F	
<b>Detailed Comments :</b> 1. Timer T_WAIT is used to prevent an infinite loop if the RLC is not received. 2. See 2.9.3.1 c) / Q.764					



Default Dynamic Behaviour					
<b>Default Name</b> : AnyOtherEventUnexpected_A_PTC					
<b>Group</b> :					
<b>Objective</b> :					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		ACH? DISCr	R_DISC	(F)	
2		ACH?OTHERWISE		(F)	
3		ACH! DISC	S_DISC(cr_in)	F	
4		?TIMEOUT		(F)	
5		ACH! DISC	S_DISC(cr_in)	F	
<b>Detailed Comments</b> :					

Default Dynamic Behaviour					
Default Name : AnyOtherEventUnexpected_T_PTC					
Group :					
Objective :					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		TAC? TUP_TRANSFER_IND	R_TUP_RSC	(F)	
2		TAC! TUP_TRANSFER_REQ	S_RLG		
3		TAC?OTHERWISE		(F)	
4		TAC! TUP_TRANSFER_REQ	S_TUP_RSC		
5		TAC? TUP_TRANSFER_IND	R_RLG	F	
6		?TIMEOUT		(F)	
7		TAC! TUP_TRANSFER_REQ	S_TUP_RSC		
8		TAC? TUP_TRANSFER_IND	R_RLG	F	
Detailed Comments :					

Default Dynamic Behaviour					
<b>Default Name</b> : ACCESS_DEF					
<b>Group</b> :					
<b>Objective</b> : Default subtree for DSS1.					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1	L1	ACH?DL_REL_IN	S_RELEASE(cr_in) S_REL_COMP(cr_in)		DL failure
2		ACH?DL_EST_IN			DL reset
3		ACH! RELdss1 START T_AC			(2)
4		ACH?REL_COM CANCEL T_AC			no response
5		?TIMEOUT T_AC			
6		GOTO L1			
7		ACH?OTHERWISE			inv. event
8		RETURN			return to test case
9	L2	ACH?OTHERWISE	S_RELEASE(cr_in) S_REL_COMP(cr_in)		valid RELEASE
10		ACH!RELdss1 START T_AC			
11		ACH?REL_COM CANCEL T_AC			valid REL_COM
12		?TIMEOUT T_AC			no response
13		GOTO L2			inv. event
14		ACH?OTHERWISE			
<b>Detailed Comments</b> : &COMMON_N10 (1) (FL+1) MOD 2 is ususally used to store the inverted flag. This behaviour line is inserted to allow the assignment of a final verdict R. It is mandatory to assign a final verdict to each leaf of a default behaviour tree. (2) A valid RELEASE message with cause #16 is sent.					