

I

Test Suite Overview

Test Suite Structure			
Suite Name : ISDN_ISUP_SS4 Standards Ref : EN 300 899-1 [ITU Q.699 modified] PICS Ref : PIXIT Ref : EN 300 899-4 Annex A Test Method(s) : Multi-party test method (EN 300 899-4, subclause 4) Comments : Services: 3PTY, CUG, UUS1 First version. 06/20009, isups_x7.mp			
Test Group Reference	Selection Ref	Test Group Objective	Page Nr
CIRCUIT_CONTROLING/ DSS1_ISUP/ DSS1_ISUP/PTY3/ DSS1_ISUP/PTY3/Notification _from_Network/ DSS1_ISUP/PTY3/Invocation_S _T/ DSS1_ISUP/PTY3/Notification _T/ DSS1_ISUP/CUG/ DSS1_ISUP/CUG/Subscribed/ DSS1_ISUP/CUG/Subscribed/TC 511109/ DSS1_ISUP/CUG/Not_Subscribe d/ DSS1_ISUP/UUS/ DSS1_ISUP/UUS/UUS1_implicit / DSS1_ISUP/UUS/UUS1_explicit / DSS1_ISUP/UUS/UUS1_explicit /TP512224/ ISUP_DSS1/ ISUP_DSS1/PTY3/ ISUP_DSS1/PTY3/Notification _from_Network/ ISUP_DSS1/PTY3/Invocation_S _T/ ISUP_DSS1/PTY3/Notification _T/ ISUP_DSS1/CUG/ ISUP_DSS1/CUG/Subscribed/ ISUP_DSS1/CUG/Subscribed/TC 611101/ ISUP_DSS1/CUG/Subscribed/TC 611102/ ISUP_DSS1/CUG/Subscribed/TC 611103/ ISUP_DSS1/CUG/Subscribed/TC 611104/ ISUP_DSS1/CUG/Subscribed/TC 611105/ ISUP_DSS1/CUG/Subscribed/TC 611106/ ISUP_DSS1/CUG/Subscribed/TC 611110/ ISUP_DSS1/CUG/Not_Subscribe d/ ISUP_DSS1/UUS/ ISUP_DSS1/UUS/UUS1_implicit / ISUP_DSS1/UUS/UUS1_explicit /	PTY3_subscribed_S_T T_REFP CUG_subscribed CUG_Barring_dif_OC CUG_NOT_subscribed UUS1_implicit_subscribed UUS1_explicit_subscribed PTY3_subscribed_S_T T_REFP CUG_subscribed CUG_Barring_dif_IC CUG_NOT_subscribed UUS1_implicit_subscribed UUS1_explicit_subscribed		
Detailed Comments :			

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CIRCUIT_CONTROLING/	CRCT_UP			
CIRCUIT_CONTROLING/	CRCT_RESET			
DSS1_ISUP/PTY3/Notification_from_Network/	TP510101			
DSS1_ISUP/PTY3/Notification_from_Network/	TP510102			
DSS1_ISUP/PTY3/Notification_from_Network/	TP510103			
DSS1_ISUP/PTY3/Notification_from_Network/	TP510104			
DSS1_ISUP/PTY3/Invocation_S_T/	TP510201			
DSS1_ISUP/PTY3/Invocation_S_T/	TP510202			
DSS1_ISUP/PTY3/Invocation_S_T/	TP510203			
DSS1_ISUP/PTY3/Invocation_S_T/	TP510204			
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DSS1_ISUP/PTY3/Invocation_S_T/	TP510207			
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DSS1_ISUP/PTY3/Invocation_S_T/	TP510209			
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DSS1_ISUP/PTY3/Notification_T/	TP510301			
DSS1_ISUP/PTY3/Notification_T/	TP510302			
DSS1_ISUP/PTY3/Notification_T/	TP510303			
DSS1_ISUP/CUG/Subscribed/	TC511101			
DSS1_ISUP/CUG/Subscribed/	TC511102			
DSS1_ISUP/CUG/Subscribed/	TC511103			
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DSS1_ISUP/CUG/Subscribed/	TC511105			
DSS1_ISUP/CUG/Subscribed/	TC511106			
DSS1_ISUP/CUG/Subscribed/	TC511107			
DSS1_ISUP/CUG/Subscribed/	TC511108			
DSS1_ISUP/CUG/Subscribed/TC511109/	TC511109_01			
DSS1_ISUP/CUG/Subscribed/TC511109/	TC511109_02			
DSS1_ISUP/CUG/Subscribed/	TC511110	CUG_BarringDif_PrefNom		
DSS1_ISUP/CUG/Subscribed/	TC511111	CUG_BarringDif_PrefNom		
DSS1_ISUP/CUG/Subscribed/	TC511112	CUG_Outgoing_Allowed		

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DSS1_ISUP/CUG/Subscribed/	TC511114	CUG_OutAllow_PrefNonDes		
DSS1_ISUP/CUG/Not_Subscribed/	TC511201			
DSS1_ISUP/UUS/UUS1_implicit/	TP512101			
DSS1_ISUP/UUS/UUS1_implicit/	TP512102			
DSS1_ISUP/UUS/UUS1_implicit/	TP512103			
DSS1_ISUP/UUS/UUS1_implicit/	TP512104			
DSS1_ISUP/UUS/UUS1_implicit/	TP512105			
DSS1_ISUP/UUS/UUS1_implicit/	TP512106			
DSS1_ISUP/UUS/UUS1_implicit/	TP512107			
DSS1_ISUP/UUS/UUS1_implicit/	TP512108			
DSS1_ISUP/UUS/UUS1_implicit/	TP512109			
DSS1_ISUP/UUS/UUS1_implicit/	TP512110			
DSS1_ISUP/UUS/UUS1_implicit/	TP512111			
DSS1_ISUP/UUS/UUS1_implicit/	TP512112			
DSS1_ISUP/UUS/UUS1_implicit/	TP512113			
DSS1_ISUP/UUS/UUS1_implicit/	TP512114			
DSS1_ISUP/UUS/UUS1_explicit/	TP512201			
DSS1_ISUP/UUS/UUS1_explicit/	TP512202			
DSS1_ISUP/UUS/UUS1_explicit/	TP512203			
DSS1_ISUP/UUS/UUS1_explicit/	TP512204			
DSS1_ISUP/UUS/UUS1_explicit/	TP512205			
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DSS1_ISUP/UUS/UUS1_explicit/	TP512208			
DSS1_ISUP/UUS/UUS1_explicit/	TP512209			
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DSS1_ISUP/UUS/UUS1_explicit/	TP512212			
DSS1_ISUP/UUS/UUS1_explicit/	TP512213			
DSS1_ISUP/UUS/UUS1_explicit/	TP512214			
DSS1_ISUP/UUS/UUS1_explicit/	TP512215			
DSS1_ISUP/UUS/UUS1_explicit/	TP512216			
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DSS1_ISUP/UUS/UUS1_explicit/	TP512220			
DSS1_ISUP/UUS/UUS1_explicit/	TP512221			
DSS1_ISUP/UUS/UUS1_explicit/	TP512222			
DSS1_ISUP/UUS/UUS1_explicit/	TP512223			
DSS1_ISUP/UUS/UUS1_explicit/TP512224/	TP512224_01			
DSS1_ISUP/UUS/UUS1_explicit/TP512224/	TP512224_02			
DSS1_ISUP/UUS/UUS1_explicit/	TP512225			
DSS1_ISUP/UUS/UUS1_explicit/	TP512226			
DSS1_ISUP/UUS/UUS1_explicit/	TP512227			
DSS1_ISUP/UUS/UUS1_explicit/	TP512228			
DSS1_ISUP/UUS/UUS1_explicit/	TP512229			
DSS1_ISUP/UUS/UUS1_explicit/	TP512230			
DSS1_ISUP/UUS/UUS1_explicit/	TP512231			
DSS1_ISUP/UUS/UUS1_explicit/	TP512232			
DSS1_ISUP/UUS/UUS1_explicit/	TP512233			
DSS1_ISUP/UUS/UUS1_explicit/	TP512234			
DSS1_ISUP/UUS/UUS1_explicit/	TP512235			
ISUP_DSS1/PTY3/Notification_from_Network/	TP610101			
ISUP_DSS1/PTY3/Notification_from_Network/	TP610102			
ISUP_DSS1/PTY3/Notification_from_Network/	TP610103			
ISUP_DSS1/PTY3/Notification_from_Network/	TP610104			
ISUP_DSS1/PTY3/Invocation_S_T/	TP610201			
ISUP_DSS1/PTY3/Invocation_S_T/	TP610202			
ISUP_DSS1/PTY3/Invocation_S_T/	TP610203			
ISUP_DSS1/PTY3/Invocation_S_T/	TP610204			
ISUP_DSS1/PTY3/Invocation_S_T/	TP610205			
ISUP_DSS1/PTY3/Invocation_S_T/	TP610206			
ISUP_DSS1/PTY3/Invocation_S_T/	TP610207			
ISUP_DSS1/PTY3/Invocation_S_T/	TP610208			
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ISUP_DSS1/PTY3/Notification_T/	TP610301			
ISUP_DSS1/PTY3/Notification_T/	TP610302			
ISUP_DSS1/PTY3/Notification_T/	TP610303			
ISUP_DSS1/CUG/Subscribed/TC611101/	TC611101_01			
ISUP_DSS1/CUG/Subscribed/TC611101/	TC611101_02			
ISUP_DSS1/CUG/Subscribed/TC611101/	TC611101_03			
ISUP_DSS1/CUG/Subscribed/TC611101/	TC611101_04			
ISUP_DSS1/CUG/Subscribed/TC611102/	TC611102_01			
ISUP_DSS1/CUG/Subscribed/TC611102/	TC611102_02			
ISUP_DSS1/CUG/Subscribed/TC611102/	TC611102_03			
ISUP_DSS1/CUG/Subscribed/TC611102/	TC611102_04			
ISUP_DSS1/CUG/Subscribed/TC611103/	TC611103_01			
ISUP_DSS1/CUG/Subscribed/TC611103/	TC611103_02			
ISUP_DSS1/CUG/Subscribed/TC611103/	TC611103_03			
ISUP_DSS1/CUG/Subscribed/TC611103/	TC611103_04			
ISUP_DSS1/CUG/Subscribed/TC611104/	TC611104_01			
ISUP_DSS1/CUG/Subscribed/TC611104/	TC611104_02			
ISUP_DSS1/CUG/Subscribed/TC611105/	TC611105_01			
ISUP_DSS1/CUG/Subscribed/TC611105/	TC611105_02			
ISUP_DSS1/CUG/Subscribed/TC611106/	TC611106_01			
ISUP_DSS1/CUG/Subscribed/TC611106/	TC611106_02			
ISUP_DSS1/CUG/Subscribed/	TC611107			
ISUP_DSS1/CUG/Subscribed/	TC611108			
ISUP_DSS1/CUG/Subscribed/	TC611109			
ISUP_DSS1/CUG/Subscribed/TC611110/	TC611110_01			
ISUP_DSS1/CUG/Subscribed/TC611110/	TC611110_02			
ISUP_DSS1/CUG/Subscribed/	TC611111	CUG_INAllow_BarringIncoming		
ISUP_DSS1/CUG/Subscribed/	TC611112	CUG_Incoming_Allowed		
ISUP_DSS1/CUG/Subscribed/	TC611113	CUG_Incoming_Allowed		
ISUP_DSS1/CUG/Not_Subscribed/	TC611201			
ISUP_DSS1/UUS/UUS1_implicit/	TP612101			
ISUP_DSS1/UUS/UUS1_implicit/	TP612102			

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ISUP_DSS1/UUS/UUS1_i mplicit/	TP612103	S_T_REFPT T_REFPT		
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612104			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612105			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612106			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612107			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612108			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612109			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612110			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612111			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612112			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612113			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612114			
ISUP_DSS1/UUS/UUS1_i mplicit/	TP612115			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612201			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612202			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612203			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612204			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612205			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612206			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612207			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612208			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612209			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612210			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612211			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612212			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612213			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612214			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612215			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612216			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612217			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612218			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612219			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612220			
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ISUP_DSS1/UUS/UUS1_e xplicit/	TP612224			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612225			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612226	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612227			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612228	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612229			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612230	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612231			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612232	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612233			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612234	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612235			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612236	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612237			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612238	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612239			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612240	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612241			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612242	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612243			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612244	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612245			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612246	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612247			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612248	T_REFPT		
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612249			
ISUP_DSS1/UUS/UUS1_e xplicit/	TP612250	T_REFPT		
Detailed Comments :				

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ISDN_Step/	PR_N03_1		
ISDN_Step/	PR_N10_1		
ISDN_Step/	PR_N10_1_1		
ISDN_Step/	PR_N100_1_TWO		
ISDN_Step/	PR_N10I_1_TWO		
ISDN_Step/	PO_RR_1		
ISDN_Step/	PO_SR_1		
ISDN_Step/	PO_SR_1_TWO		
ISDN_Step/	PTC1_SYNC_0		
ISDN_Step/	PTC1_SYNC_0_TWO		
ISDN_Step/	PTC1_SYNC_1		
ISDN_Step/	PTC1_SYNC_1_TWO		
ISDN_Step/	SETUP_R		
ISDN_Step/	PR_N03_1_CUG		
ISDN_Step/	PR_N09_1_CUG		
ISDN_Step/	PR_N03_1_UUS1_imp		
ISDN_Step/	PR_N04_1_UUS1_imp		
ISDN_Step/	PR_N06_1_UUS1_imp		
ISDN_Step/	PR_N07_1_UUS1_imp		
ISDN_Step/	PR_N10I_1_UUS1_imp		
ISDN_Step/	PR_N100_1_UUS1_imp		
ISDN_Step/	PR_N03_1_UUS1_exp		
ISDN_Step/	PR_N04_1_UUS1_exp		
ISDN_Step/	PR_N06_1_UUS1_exp		
ISDN_Step/	PR_N07_1_UUS1_exp		
ISDN_Step/	PR_N09_1_UUS1_exp		
ISDN_Step/	PR_N10I_1_UUS1_exp		
ISDN_Step/	PR_N100_1_UUS1_exp		
ISUP_Step/	PR_N02_2		
ISUP_Step/	PR_N03_2		
ISUP_Step/	PR_N10_2		
ISUP_Step/	PR_N10_2_1		
ISUP_Step/	PR_N10I_2_TWO		
ISUP_Step/	PR_N100_2_TWO		
ISUP_Step/	PO_SR_2		
ISUP_Step/	PO_RR_2		
ISUP_Step/	PO_RR_2_TWO		
ISUP_Step/	PO_SR_2_TWO		
ISUP_Step/	PR_3PTY_2		
ISUP_Step/	PR_N09_2_CUG		
ISUP_Step/	PR_N03_2_UUS1_imp		
ISUP_Step/	PR_N04_2_UUS1_imp		
ISUP_Step/	PR_N06_2_UUS1_imp		
ISUP_Step/	PR_N07_2_UUS1_imp		
ISUP_Step/	PR_N10I_2_UUS1_imp		
ISUP_Step/	PR_N100_2_UUS1_imp		
ISUP_Step/	PR_N03_2_UUS1_exp		
ISUP_Step/	PR_N04_2_UUS1_exp		
ISUP_Step/	PR_N06_2_UUS1_exp		
ISUP_Step/	PR_N07_2_UUS1_exp		
ISUP_Step/	PR_N09_2_UUS1_exp		
ISUP_Step/	PR_N10I_2_UUS1_exp		
ISUP_Step/	PR_N100_2_UUS1_exp		
ISUP_Step/	PTC2_SYNC		
ISUP_Step/	PTC2_SYNC_TWO		
MTC_Step/	PR_N00_MTC		
MTC_Step/	PR_OUT_MTC		

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MTC_Step/	PR_IN_MTC		
MTC_Step/	PR_IN_MTC_TWO		
MTC_Step/	MTC_SYNC		
PTC_Step/	PTC_Ready		
Detailed Comments :			

Default Index			
Default Group Reference	Default Id	Description	Page Nr
	OtherwiseFail OtherwiseFail_1 OtherwiseFail_1_TWO OtherwiseFail_2 OtherwiseFail_2_TWO		
Detailed Comments :			

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Declarations Part

Simple Type Definitions			
Type Name	Type Definition	Type Encoding	Comments
end_of_opt_param_ind	OCTETSTRING[1]		3.20 / Q.763
message_type	BITSTRING[8]		2.1 / Q.763
pointer	OCTETSTRING[1]		2.3 / Q.763
transmission_medium_requirement	OCTETSTRING[1]		3.54 / Q.763
AdSg_type	HEXSTRING		
ST_type	HEXSTRING('F'H)		
BCAP_I	BITSTRING('00000100'B)		Bearer capability identifier type
CALL_REF_TYPE	BITSTRING[7 .. 15]		Call reference value type
CAU_I	BITSTRING('00001000'B)		Cause identifier type
CDPN_I	BITSTRING('01110000'B)		Called party number identifier type
CDPS_I	BITSTRING('01110001'B)		Called party subaddress identifier type
CGPN_I	BITSTRING('01101100'B)		Calling party number identifier type
CGPS_I	BITSTRING('01101101'B)		Calling party subaddress identifier type
CHI_I	BITSTRING('00011000'B)		Channel identification identifier type
CODN_I	BITSTRING('01001100'B)		Connected number identifier type
CODS_I	BITSTRING('01001101'B)		SpareConnected subaddress identifier type
CR_LENGTH_TYPE	BITSTRING[4]		Call reference length type
CST_I	BITSTRING('00010100'B)		Call state identifier type CHANGE /29/ TJS
DATI_I	BITSTRING('00101001'B)		Date/time identifier type
DSP_I	BITSTRING('00101000'B)		Display identifier type
EFAC_I	BITSTRING('00001101'B)		Extended Facility id type
FAC_I	BITSTRING('00011100'B)		Facility identifier type
FLAG_TYPE	BITSTRING[1]		Call reference flag type
GFP_MT_LIST	OCTETSTRING ('24'O, '28'O, '30'O, '31'O, '33'O, '37'O, '62'O, '64'O)		OCTETSTRING[1] see ETS 300 196, subclause 11
HLC_I	BITSTRING('01111101'B)		High layer compatibility identifier type
IE_LIST	OCTETSTRING[0..255]		Any sequence of information elements
KPF_I	BITSTRING('00101100'B)		Keypad facility identifier type
LLC_I	BITSTRING('01111100'B)		Low layer compatibility identifier type
NOID_I	BITSTRING('00100111'B)		Notification indicator identifier type
NSF_I	BITSTRING('00100000'B)		Network-specific facility identifier type
MT	BITSTRING[8]		Message type
PD	BITSTRING('00001000'B)		Protocol discriminator
PI_I	BITSTRING('00011110'B)		Progress indicator identifier type
RI_I	BITSTRING('01111001'B)		Restart indicator identifier type
RNGN_I	BITSTRING('01110100'B)		Redirecting number identifier type

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Simple Type Definitions			
Type Name	Type Definition	Type Encoding	Comments
RONN_I	BITSTRING('01110110'B)		Redirection number identifier type
SCI	BITSTRING('10100001'B)		Sending complete information
TNS_I	BITSTRING('01111000'B)		Transit network selection identifier type
UUI_I	BITSTRING('01111110'B)		User-user identifier type
Detailed Comments :			

Structured Type Definition			
Type Name : access_delivery_information			
Encoding Variation :			
Comments : 3.2 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
spare	BITSTRING[7]		
ADI	BITSTRING[1]		Access delivery indicator
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport			
Encoding Variation :			
Comments : 3.3 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
ATP_field_ID	BITSTRING[8]		
ATP_field_length	OCTETSTRING[1]		
ATP_field_value	OCTETSTRING		
ATP_field2_ID	BITSTRING[8]		CHANGED/KP/22.2-98/Added
ATP_field2_length	OCTETSTRING[1]		CHANGED/KP/22.2-98/Added
ATP_field2_value	OCTETSTRING		CHANGED/KP/22.2-98/Added
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport1 Encoding Variation : Comments : 3.3 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
ident1	BITSTRING[8]		object transported identifier
length1	OCTETSTRING[1]		object transported length
value	OCTETSTRING		object transported value
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport2 Encoding Variation : Comments : ATP containing a progress indicator			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
pi_i (Identifier)	PI_I		
pi_l (Length)	OCTETSTRING[1]		
pi_e3_pre (l.ext,Coding standard, spare)	BITSTRING[4]		
pi_e3_loc (Coding standard, location)	BITSTRING[4]		
pi_e4_eb (Extension bit)	BITSTRING[1]		
pi_e4_pd (Progress description)	BITSTRING[7]		
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport3 Encoding Variation : Comments : ATP containing an High Layer Compatibility(HLC)			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
hlc_i (Identifier)	HLC_I		
hlc_l (Length)	OCTETSTRING[1]		
hlc_con (Contents)	OCTETSTRING[0..3]		
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport4 Encoding Variation : Comments : ATP containing an High Layer Compatibility(HLC)			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
llc_i (Identifier)	LLC_I		
llc_l (Length)	OCTETSTRING[1]		
llc_con (Contents)	OCTETSTRING[0..16]		
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport5 Encoding Variation : Comments : ATP containing a Progress Indicator(PI) and a High Layer Compatibility(HLC)			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
pi_i (Identifier)	PI_I		
pi_l (Length)	OCTETSTRING[1]		
pi_e3_pre (l.ext,Coding standard,spare)	BITSTRING[4]		
pi_e3_loc (Coding standard, location)	BITSTRING[4]		
pi_e4_eb (Extension bit)	BITSTRING[1]		
pi_e4_pd (Progress description)	BITSTRING[7]		
hlc_i (Identifier)	HLC_I		
hlc_l (Length)	OCTETSTRING[1]		
hlc_con (Contents)	OCTETSTRING[0..3]		
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport6			
Encoding Variation :			
Comments : ATP containing a High Layer Compatibility(HLC) and a Progress Indicator(PI)			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
hlc_i (Identifier)	HLC_I		
hlc_l (Length)	OCTETSTRING[1]		
hlc_con (Contents)	OCTETSTRING[0..3]		
pi_i (Identifier)	PI_I		
pi_l (Length)	OCTETSTRING[1]		
pi_e3_pre (l.ext,Coding standard,spare)	BITSTRING[4]		
pi_e3_loc (Coding standard, location)	BITSTRING[4]		
pi_e4_eb (Extension bit)	BITSTRING[1]		
pi_e4_pd (Progress description)	BITSTRING[7]		
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport7			
Encoding Variation :			
Comments : ATP containing a Bearer Capability(BC) and a Progress Indicator(PI)			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
bcap_i	BITSTRING[8]		BC identifier
bcap_l	OCTETSTRING[1]		BC length
bcap_v	OCTETSTRING[0..10]		BC value
pi_i (Identifier)	PI_I		
pi_l (Length)	OCTETSTRING[1]		
pi_e3_pre (l.ext,Coding standard,spare)	BITSTRING[4]		
pi_e3_loc (Coding standard, location)	BITSTRING[4]		
pi_e4_eb (Extension bit)	BITSTRING[1]		
pi_e4_pd (Progress description)	BITSTRING[7]		
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport8 Encoding Variation : Comments : ATP containing a Progress Indicator(PI) and a Bearer Capability(BC)			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
pi_i (Identifier)	PI_I		
pi_l (Length)	OCTETSTRING[1]		
pi_e3_pre (l.ext,Coding standard,spare)	BITSTRING[4]		
pi_e3_loc (Coding standard, location)	BITSTRING[4]		
pi_e4_eb (Extension bit)	BITSTRING[1]		
pi_e4_pd (Progress description)	BITSTRING[7]		
bcap_i	BITSTRING[8]		BC identifier
bcap_l	OCTETSTRING[1]		BC length
bcap_v	OCTETSTRING[0..10]		BC value
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport9 Encoding Variation : Comments : ATP length: BITSTRING type ATP containing two High Layer Capabilities(HLC)			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
hlc1_i (Identifier)	HLC_I		
hlc1_l (Length)	OCTETSTRING[1]		
hlc1_con (Contents)	OCTETSTRING[0..3]		
hlc2_i (Identifier)	HLC_I		
hlc2_l (Length)	OCTETSTRING[1]		
hlc2_con (Contents)	OCTETSTRING[0..3]		
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport10			
Encoding Variation :			
Comments : ATP containing a High Layer Capability(HLC) and a Bearer Capability(BC)			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
hlc_i	HLC_I		Identifier
hlc_l	OCTETSTRING[1]		Length
hlc_ext0	BITSTRING[1]		Extension bit
hlc_c_sd	BITSTRING[2]		Coding Standard
hlc_Int	BITSTRING[3]		Interpretation
hlc_Pmpp	BITSTRING[2]		Presentation method of protocol profile
hlc_ext1	BITSTRING[1]		Extension bit
hlc_iden	BITSTRING[7]		High layer characteristics identification
bcap_i	BITSTRING[8]		BC identifier
bcap_l	OCTETSTRING[1]		BC length
bcap_v	OCTETSTRING[0..10]		BC value
Detailed Comments :			

Structured Type Definition			
Type Name : access_transport11			
Encoding Variation :			
Comments : ATP containing a Bearer Capability(BC) and a High Layer Capability(HLC)			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
bcap_i	BITSTRING[8]		BC identifier
bcap_l	OCTETSTRING[1]		BC length
bcap_v	OCTETSTRING[0..10]		BC value
hlc_i	HLC_I		Identifier
hlc_l	OCTETSTRING[1]		Length
hlc_ext0	BITSTRING[1]		Extension bit
hlc_c_sd	BITSTRING[2]		Coding Standard
hlc_Int	BITSTRING[3]		Interpretation
hlc_Pmpp	BITSTRING[2]		Presentation method of protocol profile
hlc_ext1	BITSTRING[1]		Extension bit
hlc_iden	BITSTRING[7]		High layer characteristics identification
Detailed Comments :			

Structured Type Definition			
Type Name : automatic_congestion_level			
Encoding Variation :			
Comments : 3.4 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
ACL_field	BITSTRING[8]		
Detailed Comments :			

Structured Type Definition			
Type Name : backward_call_indicators			
Encoding Variation :			
Comments : 3.5 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		1.
length	OCTETSTRING[1]		1.
EEMthI	BITSTRING[2]		End-to-end method indicator
CdPC	BITSTRING[2]		Called party's category indicator
CdPSI	BITSTRING[2]		Called party's status indicator
ChgI	BITSTRING[2]		Charge indicator
SCCPMI	BITSTRING[2]		SCCP method indicator
ECDI	BITSTRING[1]		Echo control device indicator
ISDNAI	BITSTRING[1]		ISDN access indicator
HoldI	BITSTRING[1]		Holding indicator @
ISUPI	BITSTRING[1]		ISDN User Part indicator
EEInfiI	BITSTRING[1]		End-to-end information indicator
IWI	BITSTRING[1]		Interworking indicator
Detailed Comments : 1. Only needed if the parameter is in the optional part of a message. @ only for national use			

Structured Type Definition			
Type Name : call_diversion_information			
Encoding Variation :			
Comments : 3.6 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
CDInf_sp	BITSTRING[1]		1.
CDInf_rr	BITSTRING[4]		1.
CDInf_nso	BITSTRING[3]		1.
Detailed Comments : 1. The contents are not subdivided because this parameter is not used for basic call.			

Structured Type Definition			
Type Name : call_history_information			
Encoding Variation :			
Comments : 3.7 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
CHInf_field	OCTETSTRING[2]		
Detailed Comments :			

Structured Type Definition			
Type Name : call_reference			
Encoding Variation :			
Comments : 3.8 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
CRef_contents	OCTETSTRING[5]		1.
Detailed Comments :			
1. The contents of this message are not subdivided because this parameter is for national use only.			

Structured Type Definition			
Type Name : called_party_number_R			
Encoding Variation :			
Comments : 3.9 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
length	OCTETSTRING[1]		
OdEvI	BITSTRING[1]		Odd/even indicator
NatAdrI	BITSTRING[7]		Nature of address indicator
INtwNbI	BITSTRING[1]		Internal network number indicator
NbPI	BITSTRING[3]		Numbering plan indicator
spare	BITSTRING[4]		
AdSg	AdSg_type		Address signals
ST	ST_type		End of pulsing
Filler	HEXSTRING[0..1]		Filler
Detailed Comments :			

Structured Type Definition			
Type Name : called_party_number_S Encoding Variation : Comments : 3.9 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
length value	OCTETSTRING[1] OCTETSTRING		Contents the complete value of the called party number, with also the Filler
Detailed Comments :			

Structured Type Definition			
Type Name : calling_party_number Encoding Variation : Comments : 3.10 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type length OdEvI NatAdri CgPNII NbPI APRI ScrI AdSg_ST_Fil	BITSTRING[8] OCTETSTRING[1] BITSTRING[1] BITSTRING[7] BITSTRING[1] BITSTRING[3] BITSTRING[2] BITSTRING[2] HEXSTRING		Odd/even indicator Nature of address indicator Calling party number incomplete indicator Numbering plan indicator Address presentation restricted indicator Screening indicator Address signals with ST and Filler if needed
Detailed Comments :			

Structured Type Definition			
Type Name : calling_partys_category Encoding Variation : Comments : 3.11 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type length CgPC_field	BITSTRING[8] OCTETSTRING[1] BITSTRING[8]		1. 1.
Detailed Comments : 1. Only if the parameter is in the optional part of a message.			

Structured Type Definition			
Type Name : cause_indicators Encoding Variation : Comments : 3.12 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		1.
length	OCTETSTRING[1]		
ExtI_1	BITSTRING[1]		Extension indicator, always 1
CodS	BITSTRING[2]		Coding standard
spare	BITSTRING[1]		
Loc	BITSTRING[4]		Location
ExtI_2	BITSTRING[1]		Extension indicator, always 1
CauseV	BITSTRING[7]		Cause value
Diag	OCTETSTRING		Diagnostics 2.
Detailed Comments : 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			
Type Name : ccnr_possible_indicator Encoding Variation : Comments : 3.4.2.1.3 / Q.733.3			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
spare	BITSTRING[7]		
ccnr_possible	BITSTRING[1]		1
Detailed Comments :			

Structured Type Definition			
Type Name : ccss_call_indicator Encoding Variation : Comments : 6.2.1.3 / EN 300 356-20			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
spare	BITSTRING[7]		
ccns_call	BITSTRING[1]		1
Detailed Comments :			

Structured Type Definition			
Type Name : circuit_identification_code			
Encoding Variation :			
Comments :			
Element Name	Type Definition	Field Encoding	Comments
CIC	BITSTRING[12]		
spare	BITSTRING[4]		
Detailed Comments :			

Structured Type Definition			
Type Name : closed_user_group_interlock_code			
Encoding Variation :			
Comments : 3.15 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
CUGIC_contents	OCTETSTRING[4]		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
Type Name : connected_number			
Encoding Variation :			
Comments : 3.16 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
OdEvI	BITSTRING[1]		Odd/even indicator
NatAdrI	BITSTRING[7]		Nature of address indicators
spare	BITSTRING[1]		Spare
NbPI	BITSTRING[3]		Numbering plan indicator
APRI	BITSTRING[2]		Address presentation restriction indicator
ScrI	BITSTRING[2]		Screening indicator
AdSg	HEXSTRING		Address signal
Filler	HEXSTRING[0..1]		
Detailed Comments :			

Structured Type Definition			
Type Name : connection_request			
Encoding Variation :			
Comments : 3.17 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
ConRq_contents	OCTETSTRING[7]		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
Type Name : echo_control_information			
Encoding Variation :			
Comments : 3.19 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
IEchoRqI	BITSTRING[2]		Incoming half echo control device request indicator
OEchoRqI	BITSTRING[2]		Outgoing half echo control device request indicator
IEchoRsI	BITSTRING[2]		Incoming half echo control device response indicator
OEchoRsI	BITSTRING[2]		Outgoing half echo control device response indicator
Detailed Comments :			

Structured Type Definition			
Type Name : event_information			
Encoding Variation :			
Comments : 3.21 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
EvPRI	BITSTRING[1]		Event presentation retriCTION indicator
EventI	BITSTRING[7]		Event indicator
Detailed Comments :			

Structured Type Definition			
Type Name : forward_call_indicators Encoding Variation : Comments : 3.23 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
IPI	BITSTRING[2]		ISDN User Part preference indicator
ISUPI	BITSTRING[1]		ISDN User Part indicator
EEInfiI	BITSTRING[1]		End-to_end information indicator
IWI	BITSTRING[1]		Interworking indicator
EEMthI	BITSTRING[2]		End-to-end method indicator
InatCI	BITSTRING[1]		National/international call indicator
spare_2	BITSTRING[4]		@
spare_1	BITSTRING[1]		
SCCPMI	BITSTRING[2]		SCCP method indicator
ISDNAI	BITSTRING[1]		ISDN access indicator
Detailed Comments : @ For national use only			

Structured Type Definition			
Type Name : generic_digits Encoding Variation : Comments : 3.24 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
GenDig_contents	OCTETSTRING		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is for national use only.			

Structured Type Definition			
Type Name : generic_notification_indicator Encoding Variation : Comments : 3.25 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
GenNot_contents	OCTETSTRING[1]		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
Type Name : generic_number Encoding Variation : Comments : 3.26 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
NQI	BITSTRING[8]		Number qualifier indicator
OdEvI	BITSTRING[1]		Odd/even indicator
NatAdri	BITSTRING[7]		Nature of address indicator
NbIInd	BITSTRING[1]		Number incomplete indicator
NbPI	BITSTRING[3]		Numbering plan indicator
AdPreRInd	BITSTRING[2]		Address presentation restricted indicator
ScrInd	BITSTRING[2]		Screening indicator
AdSg_Filler	AdSg_type		Address signals
Detailed Comments : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
Type Name : generic_reference Encoding Variation : Comments : 3.27 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
GenRef_contents	OCTETSTRING		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
Type Name : location_number Encoding Variation : Comments : 3.30 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
OdEvI	BITSTRING[1]		Odd/Even indicator
NatAdri	BITSTRING[7]		Nature of address indicator
INtwNbI	BITSTRING[1]		Internal network number indicator
NbPI	BITSTRING[3]		Numbering plan indicator
APRI	BITSTRING[2]		Address presentation restricted indicator
ScrI	BITSTRING[2]		Screening indicator
AdSg	HEXSTRING		Address signal
Filler	HEXSTRING[0..1]		Filler
Detailed Comments :			

Structured Type Definition			
Type Name : MLPP_precedence Encoding Variation : Comments : 3.34 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
MLPPpre_contents	OCTETSTRING[6]		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
Type Name : nature_of_connection_indicators Encoding Variation : Comments : 3.35 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
spare	BITSTRING[3]		
ECDI	BITSTRING[1]		Echo control device indicator
CntChI	BITSTRING[2]		Continuity check indicator
SatI	BITSTRING[2]		Satellite indicator
Detailed Comments :			

Structured Type Definition			
Type Name : network_specific_facility			
Encoding Variation :			
Comments : 3.36 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
NtwFac_contents	OCTETSTRING		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is for national use only.			

Structured Type Definition			
Type Name : optional_backward_call_indicators			
Encoding Variation :			
Comments : 3.37 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
spare	BITSTRING[4]		Reserved for national use
MLPPUsrI	BITSTRING[1]		MLPP user indicator
SgmI	BITSTRING[1]		Simple segmentation indicator
CDmo	BITSTRING[1]		Call diversion may occur indicator
InBndInfI	BITSTRING[1]		In-band information indicator
Detailed Comments :			

Structured Type Definition			
Type Name : optional_forward_call_indicators			
Encoding Variation :			
Comments : 3.38 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
COLRqI	BITSTRING[1]		Connected line identity request indicator
spare	BITSTRING[4]		
SgmI	BITSTRING[1]		Simple segmentation indicator
CUGCI	BITSTRING[2]		Closed user group call indicator
Detailed Comments :			

Structured Type Definition			
Type Name : original_called_number Encoding Variation : Comments : 3.39 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
OdEvI	BITSTRING[1]		Odd/even indicator
NatAdri	BITSTRING[7]		Nature of address indicator
spare_1	BITSTRING[1]		
NbPI	BITSTRING[3]		Numbering plan indicator
APRI	BITSTRING[2]		Address presentation restricted indicator
spare_2	BITSTRING[2]		
AdSg	HEXSTRING		Address signals
Filler	HEXSTRING[0..1]		
Detailed Comments :			

Structured Type Definition			
Type Name : origination_ISC_point_code Encoding Variation : Comments : 3.40 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
OriISC_contents	OCTETSTRING[2]		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
Type Name : parameter_compatibility_information Encoding Variation : Comments : 3.41 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
UParId_1	BITSTRING[8]		Upgraded parameter name
ExtI_1	BITSTRING[1]		Extension indicator
PassNPI_1	BITSTRING[2]		Pass on not possible indicator
DParI_1	BITSTRING[1]		Discard parameter indicator
DMsgI_1	BITSTRING[1]		Discard message indicator
SendNfI_1	BITSTRING[1]		Send notification indicator
RlsCI_1	BITSTRING[1]		Release call indicator
TransI_1	BITSTRING[1]		Transit at intermediate exchange indicator
UParId_2	BITSTRING[8]		
ExtI_2	BITSTRING[1]		
InstrI_2	BITSTRING[7]		all instruction indicators for parameter 2
UParId_3	BITSTRING[8]		
ExtI_3	BITSTRING[1]		
InstrI_3	BITSTRING[7]		all instruction indicators for parameter 3
UParId_4	BITSTRING[8]		
ExtI_4	BITSTRING[1]		
InstrI_4	BITSTRING[7]		all instruction indicators for parameter 4
UParId_5	BITSTRING[8]		
ExtI_5	BITSTRING[1]		
InstrI_5	BITSTRING[7]		all instruction indicators for parameter 5
Detailed Comments :			

Structured Type Definition			
Type Name : propagation_delay_counter Encoding Variation : Comments : 3.42 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
PDC_field	OCTETSTRING[2]		Propagation delay value
Detailed Comments :			

Structured Type Definition			
Type Name : transit_network_selection			
Encoding Variation :			
Comments : 3.53 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
TNtwSel_contents	OCTETSTRING		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is for national use only.			

Structured Type Definition			
Type Name : redirecting_number			
Encoding Variation :			
Comments : 3.44 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
OdEvI	BITSTRING[1]		Odd/even indicator
NatAdri	BITSTRING[7]		Nature of address indicator
spare_1	BITSTRING[1]		
NbPI	BITSTRING[3]		Numbering plan indicator
APRI	BITSTRING[2]		Address presentation restricted indicator
spare_2	BITSTRING[2]		
AdSg	HEXSTRING		Address signal
Filler	HEXSTRING[0..1]		
Detailed Comments : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
Type Name : redirection_information			
Encoding Variation :			
Comments : 3.45 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
OriRnReas	BITSTRING[4]		Original redirection reason
spare_1	BITSTRING[1]		
RgIc	BITSTRING[3]		Redirecting indicator
RgReas	BITSTRING[4]		Redirecting reason
spare_2	BITSTRING[1]		
RnCn	BITSTRING[3]		Redirection counter
Detailed Comments : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
Type Name : redirection_number			
Encoding Variation :			
Comments : 3.46 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
OdEvI	BITSTRING[1]		Odd/even indicator
NatAdrI	BITSTRING[7]		Nature of address indicator
INtwNbI	BITSTRING[1]		Internal network number indicator
NbPI	BITSTRING[3]		Numbering plan indicator
spare	BITSTRING[4]		spare bits
AdSg	HEXSTRING		Address signal
Filler	HEXSTRING[0..1]		
Detailed Comments :			

Structured Type Definition			
Type Name : redirection_number_restriction			
Encoding Variation :			
Comments : 3.47 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
RnNbRes_contents	OCTETSTRING[1]		1.
Detailed Comments :			
1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
Type Name : remote_operations			
Encoding Variation :			
Comments : 3.48 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
RemOp_contents	OCTETSTRING		1.
Detailed Comments :			
1. The contents of this parameter are not subdivided because it is for national use only.			

Structured Type Definition			
Type Name : routing_label			
Encoding Variation :			
Comments :			
Element Name	Type Definition	Field Encoding	Comments
DestPC	BITSTRING[14]		Destination point code
OrigPC	BITSTRING[14]		Origination point code
SLSel	BITSTRING[4]		Signalling link selection
Detailed Comments :			

Structured Type Definition			
Type Name : service_activation			
Encoding Variation :			
Comments : 3.49 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
ServAct_contents	OCTETSTRING		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is for national use only.			

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

Structured Type Definition			
Type Name : signalling_point_code			
Encoding Variation :			
Comments : 3.50 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
SPC_contents	OCTETSTRING[2]		1.
Detailed Comments : 1. The contents of this parameter are not subdivided because it is for national use only.			

Structured Type Definition			
Type Name : transmission_medium_used			
Encoding Variation :			
Comments : 3.56 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
TMU_field	OCTETSTRING[1]		
Detailed Comments :			

Structured Type Definition			
Type Name : transmission_medium_requirement_prime			
Encoding Variation :			
Comments : 3.55 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
TMRp_field	OCTETSTRING[1]		
Detailed Comments :			

Structured Type Definition			
Type Name : unknown_parameter			
Encoding Variation :			
Comments :			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
unkn_par_contents	OCTETSTRING[1]		
Detailed Comments :			

Structured Type Definition			
Type Name : user_service_information			
Encoding Variation :			
Comments : 3.57 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
usi_id (Identifier)	BITSTRING[8]		
usi_l (Length)	OCTETSTRING[1]		
usi_value (All the other values)	OCTETSTRING[0..9]		
Detailed Comments :			

Structured Type Definition			
Type Name : user_service_information_prime			
Encoding Variation :			
Comments : 3.58 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
usip_l	OCTETSTRING[1]		
usip_value	OCTETSTRING[0..10]		
Detailed Comments :			

Structured Type Definition			
Type Name : user_teleservice_information			
Encoding Variation :			
Comments : 3.59 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
value	OCTETSTRING		value present
Detailed Comments :			

Structured Type Definition			
Type Name : user_to_user_indicators			
Encoding Variation :			
Comments : 3.60 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
NtwDI	BITSTRING[1]		Network discard indicator (spare if Type = request)
Serv3	BITSTRING[2]		Service 3
Serv2	BITSTRING[2]		Service 2
Serv1	BITSTRING[2]		Service 1
Type	BITSTRING[1]		
Detailed Comments :			

Structured Type Definition			
Type Name : user_to_user_information			
Encoding Variation :			
Comments : 3.61 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
UUIInf_contents	OCTETSTRING		
Detailed Comments :			

Structured Type Definition			
Type Name : national_parameter			
Encoding Variation :			
Comments :			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
nat_par_contents	OCTETSTRING		
Detailed Comments :			

Structured Type Definition			
Type Name : BCAP (Bearer capability)			
Encoding Variation :			
Comments : Info Element Bearer CAPability ETS 300 403-1 subclause 4.5.5			
Element Name	Type Definition	Field Encoding	Comments
bcap_i (Identifier)	BCAP_I		
bcap_l (Length)	OCTETSTRING[1]		
bcap_con (Contents)	OCTETSTRING[0..10]		
Detailed Comments :			

Structured Type Definition			
Type Name : CAU (Cause)			
Encoding Variation :			
Comments : Info Element CAUse ETS 300 403-1 subclause 4.5.12			
Element Name	Type Definition	Field Encoding	Comments
cau_i (Identifier)	CAU_I		
cau_l (Length)	BITSTRING[8]		
cau_e3_eb (Extension bit)	BITSTRING[1]		
cau_e3_cs (Coding standard)	BITSTRING[3]		
cau_e3_loc (Location)	BITSTRING[4]		
cau_e4_rec (Recommendation)	OCTETSTRING[0..1]		
cau_e5_eb (Extension bit)	BITSTRING[1]		
cau_e5_cv (Cause value)	BITSTRING[7]		
cau_di (Diagnostics)	OCTETSTRING[0..28]		
Detailed Comments :			

Structured Type Definition			
Type Name : CDPN (Called party number) Encoding Variation : Comments : Information Element Called Party Number ETS 300 403-1 subclause 4.5.8			
Element Name	Type Definition	Field Encoding	Comments
cdpn_i (Identifier)	CDPN_I		
cdpn_l (Length)	OCTETSTRING[1]		
cdpn_e3_npi (Type of number, Numbering plan identification)	OCTETSTRING[1]		
cdpn_e4_nd (Number digits)	OCTETSTRING[1..20]		
Detailed Comments :			

Structured Type Definition			
Type Name : CDPS (Called party subaddress) Encoding Variation : Comments : Information Element Called Party Subaddress ETS 300 403-1 subclause 4.5.9			
Element Name	Type Definition	Field Encoding	Comments
cdps_i (Identifier)	CDPS_I		
cdps_l (Length)	OCTETSTRING[1]		
cdps_e3_tos (Type of subaddress, Odd/even indicator)	OCTETSTRING[1]		
cdps_e4_si (Subaddress information)	OCTETSTRING[1..20]		
Detailed Comments :			

Structured Type Definition			
Type Name : CGPN (Calling party number) Encoding Variation : Comments : Information Element Calling Party Number ETS 300 403-1 subclause 4.5.10			
Element Name	Type Definition	Field Encoding	Comments
cgpn_i (Identifier)	CGPN_I		
cgpn_l (Length)	OCTETSTRING[1]		
cgpn_e3_ext	BITSTRING [1]		Type of number
cgpn_e3_ton	BITSTRING [3]		Type of number
cgpn_e3_npi	BITSTRING [4]		Numbering plan id.
cgpn_e4_ext	BITSTRING [1]		Presentation indicator
cgpn_e4_pi	BITSTRING [2]		Presentation indicator
cgpn_e4_sp	BITSTRING [3]		Presentation indicator
cgpn_e4_si	BITSTRING [2]		Screening indicator
cgpn_e5_nd	OCTETSTRING [0 .. 20]		Number digits
Detailed Comments :			

Structured Type Definition			
Type Name : CGPS (Calling party subaddress) Encoding Variation : Comments : Information Element CallinG Party Subaddress ETS 300 403-1 subclause 4.5.11			
Element Name	Type Definition	Field Encoding	Comments
cgps_i (Identifier)	CGPS_I		Identifier
cgps_l (Length)	OCTETSTRING[1]		Length
cgps_e3_tos (Type of subaddress)	BITSTRING[4]		
cgps_e3_oei (Odd/even indicator)	BITSTRING[1]		
cgps_e3_sp (Spare)	BITSTRING[3]		
cgps_e4_si (Subaddress information)	OCTETSTRING[1 TO 20]		
Detailed Comments :			

Structured Type Definition			
Type Name : CHI (Channel identification) Encoding Variation : Comments : 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_eb (Extension bit)	BITSTRING[1]		
chi_e3_int (Interface identifier present, interface type, preferred/exclusive)	BITSTRING[5]		
chi_e3_cs (Channel selection)	BITSTRING[2]		
chi_e4_csct (Coding standard, number bit, channel type)	BITSTRING[8]		(1)
chi_e5_eb (Extension bit)	BITSTRING[1]		(1)
chi_e5_cn (Channel number)	BITSTRING[7]		(1)
Detailed Comments : (1) The octets 4 and 5 are only used in primary rate access configurations.			

Structured Type Definition			
Type Name : CHI_RS (Channel identification) Encoding Variation : Comments : Information Element CHannel Identification ETS 300 403-1 subclause 4.5.13 This special Channel identification information element type is used to handle restart procedures.			
Element Name	Type Definition	Field Encoding	Comments
chi_i (Identifier)	CHI_I		
chi_l (Length)	BITSTRING[8]		
chi_e3_eb (Extension bit)	BITSTRING[1]		
chi_e3_int ((Interface identifier present, interface type, preferred/exclusive)	BITSTRING[5]		
chi_e3_cs (Channel selection)	BITSTRING[2]		
chi_e4_csct (Coding standard, number bit, channel type)	BITSTRING[8]		(1)
chi_e5_eb (Extension bit)	BITSTRING[1]		(1)
chi_e5_cn (Channel number)	BITSTRING[7]		(1)
chi_e6_eb (Extension bit)	BITSTRING[1]		(1) (2)
chi_e6_cn (Channel number)	BITSTRING[7]		(1) (2)
chi_cn (Channel number)	OCTETSTRING[1..30]		(1) (2)
Detailed Comments : (1) The octets following octet 3 only used in primary rate access configurations. (2) Additional coding variants can be used to test the restart procedures.			

Structured Type Definition			
Type Name : CODN (Connected number) Encoding Variation : Comments : Information Element COnnected Number ETS 300 097-1 subclause 7.1			
Element Name	Type Definition	Field Encoding	Comments
codn_i (Identifier)	CODN_I		
codn_l (Length)	OCTETSTRING[1]		
codn_e3_ext (extension)	BITSTRING[1]		
codn_e3_ton (Type of number)	BITSTRING[3]		
codn_e3_npi (Numbering plan identifier)	BITSTRING[4]		
codn_e3a_ext (extension)	BITSTRING[1]		
codn_e3a_pi (Presentation indicator)	BITSTRING[2]		
codn_e3a_sp (spare)	BITSTRING[3]		
codn_e3a_si (Screening indicator)	BITSTRING[2]		
codn_e4_nd (Number digits)	OCTETSTRING[0..20]		
Detailed Comments :			

Structured Type Definition			
Type Name : CODS (Connected subaddress) Encoding Variation : Comments : Information Element Connected Subaddress ETS 300 097-1 subclause 7.2			
Element Name	Type Definition	Field Encoding	Comments
cods_i (Identifier) cods_l (Length) cods_e3_tos (Type of subaddress) cods_e3_oei (Odd/even indicator) cods_e3_sp (Spare) cods_e4_si (Subaddress information)	CODS_I OCTETSTRING[1] BITSTRING[4] BITSTRING[1] BITSTRING[3] OCTETSTRING[1..20]		
Detailed Comments :			

Structured Type Definition			
Type Name : CR (Call reference) Encoding Variation : Comments : Call Reference ETS 300 403-1 subclause 4.3			
Element Name	Type Definition	Field Encoding	Comments
cr_l1 (Length, bits 8 - 5) cr_l2 (Length, bits 4 - 1) cr_f (FLag) cr_r (Call reference value)	BITSTRING[4] CR_LENGTH_TYPE FLAG_TYPE CALL_REF_TYPE		
Detailed Comments :			

Structured Type Definition			
Type Name : DATI (Date/time) Encoding Variation : Comments : Info Element Date/Time ETS 300 403-1 subclause 4.5.15			
Element Name	Type Definition	Field Encoding	Comments
dati_i (Identifier) dati_l (Length) dati_dt (Date/time value)	DATI_I BITSTRING[8] OCTETSTRING[0..5]		
Detailed Comments :			

Structured Type Definition			
Type Name : DSP (Display) Encoding Variation : Comments : Information Element DiSPlay ETS 300 403-1 subclause 4.5.16			
Element Name	Type Definition	Field Encoding	Comments
dsp_i (Identifier)	DSP_I		
dsp_l (Length)	BITSTRING[8]		
dsp_di (Display information)	OCTETSTRING[0..80]		
Detailed Comments :			

Structured Type Definition			
Type Name : EFAC (Extended facility) Encoding Variation : Comments : Extended FACility ETS 300 196-1 subclause 11.2.2.4			
Element Name	Type Definition	Field Encoding	Comments
efac_i (Identifier)	EFAC_I		
efac_l (Length)	OCTETSTRING[2 TO 250]		
efac_e3_pp (Protocol profile)	BITSTRING[8]		
efac_comp (Components)	OCTETSTRING[0..250]		
Detailed Comments :			

Structured Type Definition			
Type Name : FAC (Facility) Encoding Variation : Comments : FACility ETS 300 196-1 subclause 11.2.2.1			
Element Name	Type Definition	Field Encoding	Comments
fac_i (Identifier)	FAC_I		
fac_l (Length)	BITSTRING[8]		
fac_e3_pp (Protocol profile)	BITSTRING[8]		
fac_comp (Components)	Component		
Detailed Comments :			

Structured Type Definition			
Type Name : HLC (High layer compatibility) Encoding Variation : Comments : Info Element High Layer Compatibility ETS 300 403-1 subclause 4.5.17			
Element Name	Type Definition	Field Encoding	Comments
hlc_i (Identifier)	HLC_I		
hlc_l (Length)	OCTETSTRING[1]		
hlc_con (Contents)	OCTETSTRING[0..3]		
Detailed Comments :			

Structured Type Definition			
Type Name : KPF (Keypad facility) Encoding Variation : Comments : Information Element KeyPad Facility ETS 300 403-1 subclause 4.5.18			
Element Name	Type Definition	Field Encoding	Comments
kpf_i (Identifier)	KPF_I		
kpf_l (Length)	BITSTRING[8]		
kpf_ki (Keypad information)	OCTETSTRING[0..32]		
Detailed Comments :			

Structured Type Definition			
Type Name : LLC (Low layer compatibility) Encoding Variation : Comments : Info Element Low Layer Compatibility ETS 300 403-1 subclause 4.5.19			
Element Name	Type Definition	Field Encoding	Comments
llc_i (Identifier)	LLC_I		
llc_l (Length)	OCTETSTRING[1]		
llc_con (Contents)	OCTETSTRING[0..16]		
Detailed Comments :			

Structured Type Definition			
Type Name : NOID (Notification indicator) Encoding Variation : Comments : Information Element NOTification InDicator ETS 300 403-1 subclause 4.5.22			
Element Name	Type Definition	Field Encoding	Comments
noid_i (Identifier)	NOID_I		
noid_l (Length)	BITSTRING[8]		
noid_nd (Notification description)	OCTETSTRING[0..252]		
Detailed Comments :			

Structured Type Definition			
Type Name : NSF (Network-specific facilities) Encoding Variation : Comments : Information Element Network-Specific Facilities ETS 300 403-1 subclause 4.5.21			
Element Name	Type Definition	Field Encoding	Comments
nsf_i (Identifier)	NSF_I		
nsf_l (Length)	BITSTRING[8]		
nsf_e3_lni (Length of network identification)	BITSTRING[8]		
nsf_e4_toni (Type of network identification)	BITSTRING[4]		
nsf_e4_nip (Network identification plan)	BITSTRING[4]		
nsf_ni (Network identification)	OCTETSTRING[0..125]		
nsf_nsfs (Network-specific facility specification)	OCTETSTRING[0..125]		
Detailed Comments :			

Structured Type Definition			
Type Name : PI (Progress indicator) Encoding Variation : Comments : Information Element Progress Indicator ETS 300 403-1 subclause 4.5.23			
Element Name	Type Definition	Field Encoding	Comments
pi_i (Identifier)	PI_I		
pi_l (Length)	BITSTRING[8]		
pi_e3_pre (l.ext, Coding standard, spare)	BITSTRING[4]		
pi_e3_loc (Coding standard, location)	BITSTRING[4]		
pi_e4_eb (Extension bit)	BITSTRING[1]		
pi_e4_pd (Progress description)	BITSTRING[7]		
Detailed Comments :			

Structured Type Definition			
Type Name : RI (Restart indicator) Encoding Variation : Comments : Information Element Restart Indicator ETS 300 403-1 subclause 4.5.25			
Element Name	Type Definition	Field Encoding	Comments
ri_i (Identifier)	RI_I		
ri_l (Length)	BITSTRING[8]		
ri_sp (Spare)	BITSTRING[5]		
ri_cl (Class)	BITSTRING[3]		
Detailed Comments :			

Structured Type Definition			
Type Name : RNGN (Redirecting number) Encoding Variation : Comments : Info Element RedirectiNG Number ETS 300 207 subclause 7.2.2			
Element Name	Type Definition	Field Encoding	Comments
rngn_i (Identifier)	RNGN_I		
rngn_l (Length)	OCTETSTRING[1]		
rngn_e3_ext (Extension)	BITSTRING [1]		
rngn_e3_ton (Type of number)	BITSTRING[3]		
rngn_e3_npi (Numbering plan identifier)	BITSTRING[4]		
rngn_e4_ext (Extension)	BITSTRING[1]		
rngn_e4_pi (Presentation indicator)	BITSTRING[2]		
rngn_e4_sp (Spare)	BITSTRING[5]		
rngn_e5_sp (Spare)	BITSTRING[4]		
rngn_e5_rfd (Reason for diversion)	BITSTRING[4]		
rngn_e6_nd (Number digits)	OCTETSTRING[0 TO 20]		
Detailed Comments :			

Structured Type Definition			
Type Name : RONN (Redirection number) Encoding Variation : Comments : Info Element Redirection Number ETS 300 207-1 subclause 7.2.3			
Element Name	Type Definition	Field Encoding	Comments
ronn_i (Identifier)	RONN_I		
ronn_l (Length)	BITSTRING[8]		
ronn_e3_ex (extension)	BITSTRING[1]		
ronn_e3_ton (Type of number)	BITSTRING[3]		
ronn_e3_npi (Numbering plan identifier)	BITSTRING[4]		
ronn_e4_ex (extension)	BITSTRING[1]		
ronn_e4_pi (Presentation indicator)	BITSTRING[2]		
ronn_e4_sp (Spare)	BITSTRING[5]		
ronn_e5_nd (Number digits)	OCTETSTRING[0 TO 20]		
Detailed Comments :			

Structured Type Definition			
Type Name : TNS Encoding Variation : Comments : Information Element Transit Network Selection ETS 300 403-1 subclause 4.5.29			
Element Name	Type Definition	Field Encoding	Comments
tns_i (Identifier)	TNS_I		
tns_l (Length)	BITSTRING[8]		
tns_e3_toni (Type of network identification)	BITSTRING[4]		
tns_e3_nip (Network identification plan)	BITSTRING[4]		
tns_ni (Network identification)	OCTETSTRING[0..251]		
Detailed Comments :			

Structured Type Definition			
Type Name : UUI (User-user) Encoding Variation : Comments : Information Element User-user ETS 300 286-1 subclause 7.3.3			
Element Name	Type Definition	Field Encoding	Comments
uui_i (Identifier)	UUI_I		
uui_l (Length)	BITSTRING[8]		
uui_e3_pd (Protocol discriminator)	BITSTRING[8]		
uui_ui (User information)	OCTETSTRING[0..128]		
Detailed Comments :			

Structured Type Definition			
Type Name : CST (Call state) Encoding Variation : Comments : Information Element Call State ETS 300 403-1 subclause 4.5.7			
Element Name	Type Definition	Field Encoding	Comments
cst_i (Identifier)	CST_I		
cst_l (Length)	BITSTRING[8]		
cst_cs (Coding standard)	BITSTRING[2]		
cst_csv (Call state value)	BITSTRING[6]		
Detailed Comments :			

ASN.1 Type Definition	
Type Name	: OID
Encoding Variation	:
Comments	: Used by constraints cCBSOID & cCBS_T_OID and others to specify error and operation values.
Type Definition	
OBJECT IDENTIFIER	
Detailed Comments	:

ASN.1 Type Definition	
Type Name	: RejectComponent
Encoding Variation	:
Comments	: Reject Component is not specific to any particular operation. The invokeID may be used to identify a specific operation.
Type Definition	
<pre>SEQUENCE { invokedID CHOICE { invokeID InvokeIDType , null NULL } , problem CHOICE { generalProblem [0] IMPLICIT GeneralProblem , invokeProblem [1] IMPLICIT InvokeProblem , returnResultProblem [2] IMPLICIT ReturnResultProblem , returnErrorProblem [3] IMPLICIT ReturnErrorProblem } }</pre>	
Detailed Comments	: &COMMON_N12

ASN.1 Type Definition	
Type Name	: GeneralProblem
Encoding Variation	:
Comments	: from EN 300 196-1 D.1
Type Definition	
ROSE_Problems (unrecognizedComponent mistypedComponent badlyStructuredComponent)	
Detailed Comments	: &COMMON_N12 Type restricted to these three.

ASN.1 Type Definition	
Type Name	: InvokeProblem
Encoding Variation	:
Comments	: from EN 300 196-1 D.1
Type Definition	
<pre>ROSE_Problems (duplicateInvocation unrecognizedOperation mistypedArgument resourceLimitation initiatorReleasing unrecognizedLinkedID linkedResponseUnexpected unexpectedChildOperation)</pre>	
Detailed Comments	: &COMMON_N12 Type restricted to these 8.

ASN.1 Type Definition			
Type Name	: ReturnErrorProblem		
Encoding Variation	:		
Comments	: from EN 300 196-1 D.1		
Type Definition			
ROSE_Problems (unrecognizedInvocation unexpectedError	mistypedParameter)	errorResponseUnexpected	unrecognizedError
Detailed Comments : &COMMON_N12 Type restricted to these 5.			

ASN.1 Type Definition		
Type Name	: ReturnResultProblem	
Encoding Variation	:	
Comments	: from EN 300 196-1 D.1	
Type Definition		
ROSE_Problems	(unrecognizedInvocation resultResponseUnexpected mistypedResult)	
Detailed Comments	: &COMMON_N12 Type restricted to these three.	

ASN.1 Type Definition	
Type Name	: ROSE_Problems
Encoding Variation	:
Comments	: from EN 300 196-1 D.1
Type Definition	
<pre> INTEGER { unrecognizedComponent (0) , unrecognizedInvocation (0) , duplicateInvocation (0) , mistypedComponent (1) , -- GeneralProblem errorResponseUnexpected (1) , -- ReturnResultProblem, ReturnErrorProblem resultResponseUnexpected (1) , -- InvokeProblem unrecognizedOperation (1) , -- GeneralProblem badlyStructuredComponent (2) , -- ReturnErrorProblem unrecognizedError (2) , -- ReturnResultProblem mistypedArgument (2) , -- InvokeProblem mistypedResult (2) , -- GeneralProblem resourceLimitation (3) , -- ReturnErrorProblem unexpectedError (3) , -- InvokeProblem mistypedParameter (4) , -- ReturnResultProblem initiatorReleasing (4) , -- InvokeProblem unrecognizedLinkedID (5) , -- ReturnErrorProblem linkedResponseUnexpected (6) , -- ReturnErrorProblem -- InvokeProblem -- InvokeProblem -- InvokeProblem unexpectedChildOperation (7) -- InvokeProblem } </pre>	
Detailed Comments	: &COMMON_N12 Errors of the same integer value are distinguished by their different parent types (General, Invoke, ReturnResult, ReturnError).

ASN.1 Type Definition	
Type Name	: Operation
Encoding Variation	:
Comments	: from EN 300 196-1 (table E.1) & CCITT X.219 (figure 4).
Type Definition	
CHOICE { localValue INTEGER , globalValue OID }	
Detailed Comments	: &COMMON_N12

ASN.1 Type Definition	
Type Name	: Error
Encoding Variation	:
Comments	:
Type Definition	
CHOICE { localValue INTEGER , globalValue OID }	
Detailed Comments : Note that elements of type INTEGER are global.	

ASN.1 Type Definition	
Type Name	: InvokeIDType
Encoding Variation	:
Comments	:
Type Definition	
INTEGER (-32768 .. 32767)	
Detailed Comments : &COMMON_N12 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. 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).	

ASN.1 Type Definition	
Type Name	: General_Components
Encoding Variation	:
Comments	: 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 RejectComponent } -- 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>	
Detailed Comments : &COMMON_N12	

ASN.1 Type Definition	
Type Name	: BeginPTY3_Components
Encoding Variation	:
Comments	:
Type Definition	
<pre> CHOICE { beginPTY3_InvokeComp [1] IMPLICIT BeginPTY3_InvokeComponent, beginPTY3_ReturnResultComp [2] IMPLICIT BeginPTY3_ReturnResultComponent, beginPTY3_ReturnErrorComp [3] IMPLICIT BeginPTY3_ReturnErrorComponent, beginPTY3_RejectComp [4] IMPLICIT RejectComponent } -- This is the BeginPTY3 InvokeComponent -- BeginPTY3_InvokeComponent ::= SEQUENCE { invokeID InvokeIDType, operation_value Operation } -- This is the BeginPTY3 ReturnResultComponent -- BeginPTY3_ReturnResultComponent ::= SEQUENCE { invokeID InvokeIDType } -- no result argument here -- This is the BeginPTY3 ReturnErrorComponent -- BeginPTY3_ReturnErrorComponent ::= SEQUENCE { invokeID InvokeIDType, error BeginPTY3Error } -- Common (local) type elements -- BeginPTY3Error ::= Error </pre>	
Detailed Comments	:

ASN.1 Type Definition	
Type Name	: EndPTY3_Components
Encoding Variation	:
Comments	:
Type Definition	
<pre> CHOICE { endPTY3_InvokeComp [1] IMPLICIT EndPTY3_InvokeComponent, endPTY3_ReturnResultComp [2] IMPLICIT EndPTY3_ReturnResultComponent, endPTY3_ReturnErrorComp [3] IMPLICIT EndPTY3_ReturnErrorComponent, endPTY3_RejectComp [4] IMPLICIT RejectComponent } -- This is the EndPTY3 InvokeComponent -- EndPTY3_InvokeComponent ::= SEQUENCE { invokeID InvokeIDType, operation_value Operation } -- This is the EndPTY3 ReturnResultComponent -- EndPTY3_ReturnResultComponent ::= SEQUENCE { invokeID InvokeIDType } -- no result argument here -- This is the EndPTY3 ReturnErrorComponent -- EndPTY3_ReturnErrorComponent ::= SEQUENCE { invokeID InvokeIDType, error EndPTY3Error } -- Common (local) type elements -- EndPTY3Error ::= Error </pre>	
Detailed Comments	:

ASN.1 Type Definition	
Type Name	: CUGCall_Components
Encoding Variation	:
Comments	:
Type Definition	
<pre> CHOICE { cUGCall_InvokeComp [1] IMPLICIT CUGCall_InvokeComponent, cUGCall_ReturnResultComp [2] IMPLICIT CUGCall_ReturnResultComponent, cUGCall_ReturnErrorComp [3] IMPLICIT CUGCall_ReturnErrorComponent, cUGCall_RejectComp [4] IMPLICIT RejectComponent } -- This is the CUGCall InvokeComponent -- CUGCall_InvokeComponent ::= SEQUENCE { invokeID InvokeIDType, operation_value Operation, argument ARGUMENT OPTIONAL } -- This is the CUGCall ReturnResultComponent -- CUGCall_ReturnResultComponent ::= NULL -- no such component for CUGCall -- This is the CUGCall ReturnErrorComponent -- CUGCall_ReturnErrorComponent ::= SEQUENCE { invokeID InvokeIDType, error CUG_Error } CUG_Error ::= Error ARGUMENT ::= SEQUENCE { oARequested OARequested , cUGIndex CUGIndex OPTIONAL } OARequested ::= [1] IMPLICIT BOOLEAN CUGIndex ::= [2] IMPLICIT INTEGER (0 .. 32767) </pre>	
Detailed Comments	:

ASN.1 Type Definition	
Type Name	: UserUserService_Components
Encoding Variation	:
Comments	:
Type Definition	
<pre> CHOICE { userUserService_InvokeComp [1] IMPLICIT UserUserService_InvokeComponent, userUserService_ReturnResultComp [2] IMPLICIT UserUserService_ReturnResultComponent, userUserService_ReturnErrorComp [3] IMPLICIT UserUserService_ReturnErrorComponent, userUserService_RejectComp [4] IMPLICIT RejectComponent } -- This is the UserUserService InvokeComponent -- UserUserService_InvokeComponent ::= SEQUENCE { invokeID InvokeIDType, operation_value Operation, argument Argument } -- This is the UserUserService ReturnResultComponent -- UserUserService_ReturnResultComponent ::= SEQUENCE { invokeID InvokeIDType } -- This is the UserUserService ReturnErrorComponent -- UserUserService_ReturnErrorComponent ::= SEQUENCE { invokeID InvokeIDType, error UUS_Error } Argument ::= SEQUENCE { service [1] IMPLICIT Service, preferred [2] IMPLICIT Preferred } Service ::= INTEGER { service1 (1), service2 (2), service3 (3) } (1..3) Preferred ::= BOOLEAN -- True = preferred request -- False = required request UUS_Error ::= Error </pre>	
Detailed Comments	:

ASN.1 Type Definition	
Type Name	: Component
Encoding Variation	:
Comments	: The collection of all possible components
Type Definition	
<pre> CHOICE { general_Components General_Components , beginPTY3_Components BeginPTY3_Components , endPTY3_Components EndPTY3_Components , cUGCall_Components CUGCall_Components , userUserService_Components UserUserService_Components } </pre>	
Detailed Comments	: plural (componentS) as each type represents invoke_Components, return result_Components, return error etc.

Test Suite Operation Definition	
Operation Name	: CALC_FIE_LENGTH
Result Type	: BITSTRING
Comments	: This operation is used to calculate the length of a Facility information element that carries a component.
Description	
The return value represents the length of the contents of a Facility information element in which this test suite operation is called depending on the number and the contents of the ROSE components included.	
Detailed Comments :	

Test Suite Operation Definition	
Operation Name	: ASSIGN_CHI(basic, primary: CHI; basic_flag: BOOLEAN)
Result Type	: CHI
Comments	: This operation is used to assign a correct Channel identification information element to PDUs dependant on the type of access that is tested.
Description	
CHI ASSIGN_CHI(basic,primary,basic_flag) If the value of the basic_flag is set to TRUE, the result of the operation ASSIGN_CHI will be the value represented by the parameter basic which is of type CHI. Else the operation results in the value represented by the parameter primary. Examples: ASSIGN_CHI(CHI1b_R1, CHI1p_R1, TRUE) = CHI1b_R1 ASSIGN_CHI(CHI1b_R1, CHI1p_R1, FALSE) = CHI1p_R1	
Detailed Comments :	

Test Suite Operation Definition	
Operation Name	: ASSIGN_CHI_RS(basic, primary : CHI_RS; basic_flag : BOOLEAN)
Result Type	: CHI_RS
Comments	: This operation is used to assign a correct Channel identification information element to PDUs dependant on the type of access that is tested. This operation is very similar to ASSIGN_CHI. The only difference is that the type CHI_RS is used instead of CHI.
Description	
CHI_RS ASSIGN_CHI(basic,primary,basic_flag) If the value of the basic_flag is set to TRUE, the result of the operation ASSIGN_CHI_RS will be the value represented by the parameter basic which is of type CHI_RS. Else the operation results in the value represented by the parameter primary. Examples: ASSIGN_CHI(CHI_RSb_R1, CHI_RSp_R1, TRUE) = CHI_RSb_R1 ASSIGN_CHI(CHI_RSb_R1, CHI_RSp_R1, FALSE) = CHI_RSp_R1	
Detailed Comments :	

Test Suite Operation Definition	
Operation Name : BIT_LOHI(PARAM: BITSTRING)	
Result Type : BITSTRING	
Comments :	
Description	
This operation forces the compiler to send BITSTRING with length greater than 8 from lowest to highest bit	
Detailed Comments :	

Test Suite Operation Definition	
Operation Name : OCTET_TO_INT_2(param:OCTETSTRING)	
Result Type : INTEGER	
Comments : K. Lenz, 2.2.2000, created to avoid +2 calculation in parameter list for P_IAM_S	
Description	
Convert an OCTETSTRING into an INTEGER and add 2 to the result	
Detailed Comments :	

Test Suite Operation Definition	
Operation Name : INT_TO_OCTET(param1, param2: INTEGER)	
Result Type : OCTETSTRING	
Comments :	
Description	
Convert an INTEGER into an OCTETSTRING[PARAM2]	
Detailed Comments :	

Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
PC_STREFPT	BOOLEAN	PICS, Table A.1/R.3.1	TRUE if the SUT supports the ISDN coincidence S and T reference point
PC_TREFPT	BOOLEAN	PICS, Table A.1/R.3.2	TRUE if the SUT supports the ISDN T reference point
PC_PT_PT	BOOLEAN	PICS, Table A.1/R.7.1	TRUE if the SUT supports the ISDN Point to Point configuration.
PC_MPT	BOOLEAN	PICS, Table A.1/R.7.2	TRUE if the SUT supports the ISDN Point to Multipoint configuration.
PX_L2_INIT	BOOLEAN	PIXIT, Table	True if it is needed to init the layer 2 at the beginning of each test case.
PX_WAIT_RESTART	BOOLEAN	PIXIT	TRUE, if the IUT sends RESTART messages after re-establishment of the multiple frame operation
PC_3PTY_subscribed	BOOLEAN	PICS	TRUE, if the ISDN access is subscribed to 3PTY
PC_CUG_Subscribed	BOOLEAN	PICS	True, if CUG is subscribed
PC_CUG_Barring_Dif_OC	BOOLEAN	PICS	True, if CUG subscription option: Barring within the CUG <> outgoing call
PC_CUG_Barring_Dif_IC	BOOLEAN	PICS	True, if CUG subscription option: Barring within the CUG <> incoming call
PC_CUG_Pref_Nom	BOOLEAN	PICS	True, if ISDN number subscription option : Preferential CUG = nominated CUGIndex (CUG SS)
PC_CUG_Outgoing_Allowed	BOOLEAN	PICS	True, if outgoing access is allowed (CUG SS)
PC_CUG_Incoming_Allowed	BOOLEAN	PICS	True, if incoming access is allowed (CUG SS)
PC_UUS1_imp_subscribed	BOOLEAN	PICS	TRUE, if the ISDN access is subscribed to UUS service 1 implicit
PC_UUS1_exp_subscribed	BOOLEAN	PICS	TRUE, if the ISDN access is subscribed to UUS service 1 explicit
PX_CDPN_ND	OCTETSTRING	PIXIT	Number digits (IA5) for the Called party number information element to be sent to the IUT including the complete number digits of the access related to PTC2 (DSS1 -> ISUP)
PX_CDPN_OCTET3	OCTETSTRING	PIXIT	Octet 3 (Type of number, Numbering plan identification) of the Called party number information elements to be sent to the IUT (DSS1 -> ISUP)
PX_BCAPV	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element to be sent to the IUT
PX_HLCV1	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the High layer compatibility(#1) information element to be sent to the IUT, lower priority
PX_CUG_Index	INTEGER	CUG_PIXIT 2.1	CUG index value, that will be sent by the user and that will be accepted in incoming calls
PXP_CDPNL_NO_ST_S	OCTETSTRING	PIXIT Table	Length of the ISUP CDPN containing the complete address number and without the end of pulsing signal 'ST' (OCTETSTRING[1])
PXP_CDPNV_NO_ST_S	OCTETSTRING	PIXIT Table	Value of the ISUP CDPN containing the complete address number and without the end of pulsing signal 'ST' (OCTETSTRING)
PXP_NI_R	BITSTRING	PIXIT Table	SS No. 7 Network indicator on the ISUP interface (BITSTRING[2])
PXP_SP_IUT	INTEGER	PIXIT Table	SS No. 7 Signalling point code of the SUT on the ISUP interface (BITSTRING[14])
PXP_SP_TISUP	INTEGER	PIXIT Table	SS No. 7 Signalling point code of the tester on the ISUP interface (bitstring[14])
PXP_SLS	BITSTRING	PIXIT Table	SS No. 7 Signalling link selection on the ISUP interface (BITSTRING[4])

Continued on next page

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
PXP_CIC_S	BITSTRING	PIXIT Table	SS No. 7 Circuit Identification Code to be sent to the IUT (BITSTRING[12])
PXP_CIC_S2	BITSTRING	PIXIT Table	SS No. 7 Circuit Identification Code to be sent to the IUT for the second call (BITSTRING[12])
PXP_NI_CALL_IND	BITSTRING	PIXIT	FCI National/International call indicator (BITSTRING[1])
PXP_EE_METHOD	BITSTRING	PIXIT	FCI End-to-End method available (BITSTRING[2])
PXP_EE_INFO_IND	BITSTRING	PIXIT	FCI End-to-End information indicator (BITSTRING[1])
PXP_SCCP_IND	BITSTRING	PIXIT	FCI SCCP method indicator (BITSTRING[2])
PXP_CGPG	BITSTRING	PIXIT	Calling party's category field value (BITSTRING[8])
PXP_TMR	OCTETSTRING	PIXIT Table	Content of the Transmission Medium Requirement (OCTETSTRING[1])
PXP_CUG_IC	OCTETSTRING	PIXIT	Closed user group interlock code parameter (OCTETSTRING[4])
PXP_WCUG_IC	OCTETSTRING	PIXIT	Wrong closed user group interlock code parameter (ie: interlock code of a CUG the ISDN access does not belong to.) (OCTETSTRING[4])
PXP_T_GUARD	INTEGER	PIXIT Table	Guard timer for the test case (min 30 s)
PX_TAC	INTEGER	PIXIT	Value for timer that controls test events initiated by stimuli sent by the tester. (Value in seconds)
PX_TNOAC	INTEGER	PIXIT	Value for timer that controls the inactivity of the IUT. (Value in seconds)
PX_T_RESTART	INTEGER	PIXIT	Value for timer that is used to wait for RESTART messages. (Value in seconds)
PX_TWAIT	INTEGER	PIXIT	Value for timer that controls test events initiated at the IUT via a PTC or by the test operator. (Value in seconds)
Detailed Comments :			

Test Case Selection Expression Definitions		
Expression Name	Selection Expression	Comments
S_T_REFPT	PC_STREFPT	TRUE if the IUT support the ISDN coincidence S and T reference point
T_REFPT	PC_TREFPT	TRUE if the ISDN support the T reference point
PTY3_subscribed_S_T	PC_3PTY_subscribed AND PC_MPT	TRUE, if the ISDN access is subscribed to 3PTY
CUG_subscribed	PC_CUG_Subscribed	TRUE, if the ISDN access is subscribed to CUG
CUG_NOT_subscribed	NOT PC_CUG_Subscribed	TRUE, if the ISDN access is not subscribed to CUG
CUG_Barring_dif_OC	PC_CUG_Barring_Dif_OC AND PC_CUG_Subscribed	True, if CUG subscription option: Barring within the CUG <> outgoing call
CUG_Barring_dif_IC	PC_CUG_Barring_Dif_IC AND PC_CUG_Subscribed	True, if CUG subscription option: Barring within the CUG <> incoming call
CUG_BarringDif_PrefNom	PC_CUG_Pref_Nom AND PC_CUG_Barring_Dif_OC	True, if CUG subscription option: Barring within the CUG <> outgoing call AND ISDN number subscription option : Preferential CUG = nominated CUGIndex
CUG_Outgoing_Allowed	PC_CUG_Outgoing_Allowed	True, if outgoing access is allowed (CUG SS)
CUG_Incoming_Allowed	PC_CUG_Incoming_Allowed AND PC_CUG_Subscribed	True, if incoming access is allowed (CUG SS)
CUG_OutAllow_PrefNonDes	PC_CUG_Outgoing_Allowed AND NOT PC_CUG_Pref_Nom AND PC_CUG_Subscribed	True, if outgoing access is allowed AND ISDN number subscription option : Preferential CUG = non designated (CUG SS)
CUG_INAllow_BarringIncoming	PC_CUG_Incoming_Allowed AND NOT PC_CUG_Barring_Dif_IC AND PC_CUG_Subscribed	True, if incoming access is allowed AND Barring CUG = incoming call (CUG SS)
UUS1_implicit_subscribed	PC_UUS1_imp_subscribed	TRUE, if the ISDN access is subscribed to UUS service 1 implicit
UUS1_explicit_subscribed	PC_UUS1_exp_subscribed	TRUE, if the ISDN access is subscribed to UUS service 1 explicit
Detailed Comments :		

Test Suite Constant Declarations			
Constant Name	Type	Value	Comments
ID_BCAP	BITSTRING	'00000100'B	Bearer capability
ID_CAU	BITSTRING	'00001000'B	Cause
ID_CDPN	BITSTRING	'01110000'B	Called party number
ID_CHI	BITSTRING	'00011000'B	Channel identification
ID_HLC	BITSTRING	'01111101'B	High layer compatibility
ID_NOID	BITSTRING	'00100111'B	Notification indicator
ID_RI	BITSTRING	'01111001'B	Restart indicator
ID_UUI	BITSTRING	'01111110'B	User-user
MT_ALERTING	BITSTRING	'00000001'B	
MT_CALL_PROC	BITSTRING	'00000010'B	
MT_CONNECT	BITSTRING	'00000111'B	
MT_CONNECT_ACK	BITSTRING	'00001111'B	
MT_DISCONNECT	BITSTRING	'01000101'B	
MT_FACILITY	BITSTRING	'01100010'B	
MT_HOLD	BITSTRING	'00100100'B	
MT_HOLD_ACK	BITSTRING	'00101000'B	
MT_HOLD_REJ	BITSTRING	'00110000'B	
MT_INFORMATION	BITSTRING	'01111011'B	
MT_NOTIFY	BITSTRING	'01101110'B	
MT_PROGRESS	BITSTRING	'00000011'B	
MT_RELEASE	BITSTRING	'01001101'B	
MT_RELEASE_COM	BITSTRING	'01011010'B	
MT_RESTART	BITSTRING	'01000110'B	
MT_RESTART_ACK	BITSTRING	'01001110'B	
MT_RETRIEVE	BITSTRING	'00110001'B	
MT_RETRIEVE_ACK	BITSTRING	'00110011'B	
MT_RETRIEVE_REJ	BITSTRING	'00110111'B	
MT_SETUP	BITSTRING	'00000101'B	
MT_STATUS	BITSTRING	'01111101'B	
MT_STATUS_ENQ	BITSTRING	'01110101'B	
MT_ACM	BITSTRING	'00000110'B	
MT_ANM	BITSTRING	'00001001'B	
MT_CON	BITSTRING	'00000111'B	
MT_CPG	BITSTRING	'00101100'B	
MT_IAM	BITSTRING	'00000001'B	
MT_REL	BITSTRING	'00001100'B	
MT_RLC	BITSTRING	'00010000'B	
MT_RSC	BITSTRING	'00010010'B	
MT_BLA	BITSTRING	'00010101'B	CHANGED/1/230998/ KP/10.2-99/ (ADDED)
MT_BLO	BITSTRING	'00010011'B	CHANGED/1/230998/ KP/10.2-99/ (ADDED)
MT_UBA	BITSTRING	'00010110'B	CHANGED/1/230998/ KP/10.2-99/ (ADDED)
MT_UBL	BITSTRING	'00010100'B	CHANGED/1/230998/ KP/10.2-99/ (ADDED)
SCI_VALUE	BITSTRING	'10100001'B	Sending complete
PROTOCOL_DISCRIMINATOR_Q931	BITSTRING	'00001000'B	(1)
PC_BASIC	BOOLEAN	TRUE	ISDN access is basic access
PX_CR_LENGTH	CR_LENGTH_TY PE	'0001'B	7-bit call reference value
PX_CH_NUM	INTEGER	1	Channel number
Detailed Comments :			

Test Case Variable Declarations			
Variable Name	Type	Value	Comments
B_CHN	BITSTRING		B-channel for call
B_CHN2	BITSTRING		B-channel for second call
B_CHN_RS	OCTETSTRING		B-channel for restart procedures
CIC_VAL	BITSTRING	PXP_CIC_S	first CIC storage
CIC_VAL2	BITSTRING	PXP_CIC_S2	second CIC storage
CHI_LENGTH	BITSTRING	'00000011'B	Length of Channel identification
CREF	CALL_REF_TYPE		Call reference value
CREF2	CALL_REF_TYPE		2nd call reference value
GLOB_CREF	CALL_REF_TYPE		Global call reference value
inv_ID	InvokeIDType	1	Invoke id. value
Detailed Comments :			

PCO Type Declarations		
PCO Type	Role	Comments
SAP	LT	
ISUP_PCO	LT	
Detailed Comments :		

PCO Declarations			
PCO Name	PCO Type	Role	Comments
L1	SAP	LT	PCO for PTCN (ISDN)
L2	ISUP_PCO	LT	PCO for PTCP (ISUP)
Detailed Comments :			

Coordination Point Declarations	
CP Name	Comments
CPA1	CP: MTCA - PTCN
CPA2	CP: MTCA - PTCP
Detailed Comments :	

Timer Declarations			
Timer Name	Duration	Unit	Comments
TWAIT	PX_TWAIT	s	(1)
TAC	PX_TAC	s	(2)
TNOAC	PX_TNOAC	s	(3)
T_GUARD	PXP_T_GUARD	s	Guard timer for default step to prevent hanging of a test case
T_RESTART	PX_T_RESTART	s	(4)
Detailed Comments :			

Test Component Declarations				
Component Name	Component Role	Nr PCOs	Nr CPs	Comments
MTCA	MTC	0	2	main test component
PTC1	PTC	1	1	1st parallel test component (ISDN)
PTC2	PTC	1	1	2nd parallel test component (ISUP)
Detailed Comments :				

Test Components Configuration Declaration			
Configuration Name : CONFIG1			
Comments :			
Components Used	PCOs Used	CPs Used	Comments
MTCA PTC1 PTC2	L1 L2	CPA1 , CPA2 CPA1 CPA2	
Detailed Comments :			

ASP Type Definition		
ASP Name : IAM_IND (MTP_TRANSFER_Indication)		
PCO Type : ISUP_PCO		
Comments : MTP ASP for receiving ISUP IAM messages		
Parameter Name	Parameter Type	Comments
SIO isup_pdu	service_information_octet IAM_PDU_R	ISDN User Part ISUP signalling message
Detailed Comments :		

ASP Type Definition		
ASP Name : TRANSFER_IND (MTP_TRANSFER_Indication)		
PCO Type : ISUP_PCO		
Comments : MTP ASP for receiving ISUP messages		
Parameter Name	Parameter Type	Comments
SIO isup_pdu	service_information_octet PDU	ISDN User Part ISUP signalling message
Detailed Comments :		

ASP Type Definition		
ASP Name : TRANSFER_REQ (MTP_TRANSFER_Request)		
PCO Type : ISUP_PCO		
Comments : MTP ASP for sending ISUP messages		
Parameter Name	Parameter Type	Comments
SIO isup_pdu	service_information_octet PDU	ISDN User Part ISUP signalling message
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_DAT_IN_RESTART (DL-DATA-INDICATION)		
PCO Type : SAP		
Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This ASP is used to indicate the receipt of RESTART PDUs using acknowledged operation (L2 ---> L3).		
Parameter Name	Parameter Type	Comments
mun (Message unit)	RESTART_PDU	Network layer (peer-to-peer message) PDU.
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_DAT_IN_SETUP (DL-DATA-INDICATION) PCO Type : SAP Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This ASP is used to indicate the receipt of SETUP PDUs using acknowledged operation (L2 ---> L3).		
Parameter Name	Parameter Type	Comments
mun (Message unit)	SETUP_PDU	Network layer (peer-to-peer message) PDU.
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_UDAT_IN_SETUP (DL-UNIT-DATA-INDICATION) PCO Type : SAP Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This ASP is used to indicate the receipt of SETUP PDUs using unacknowledged operation (L2 ----> L3).		
Parameter Name	Parameter Type	Comments
mun (Message unit)	SETUP_PDU	Network layer (peer-to-peer message) PDU.
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_DAT_IN (DL-DATA-INDICATION) PCO Type : SAP Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This 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	Network layer (peer-to-peer message) PDU.
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_DAT_RQ (DL-DATA-REQUEST) PCO Type : SAP Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This 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	Network layer (peer-to-peer message) PDU.
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_EST_CO (DL-ESTABLISH-CONFIRM) PCO Type : SAP Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This ASP is used to confirm the establishment of multiple frame operation (L2 ---> L3).		
Parameter Name	Parameter Type	Comments
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_EST_IN (DL-ESTABLISH-INDICATION) PCO Type : SAP Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This ASP is used to indicate the establishment of multiple frame operation (L2 ---> L3).		
Parameter Name	Parameter Type	Comments
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_EST_RQ (DL-ESTABLISH-REQUEST) PCO Type : SAP Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This ASP is used to request the establishment of multiple frame operation (L3 ---> L2).		
Parameter Name	Parameter Type	Comments
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_REL_CO (DL-RELEASE-CONFIRM) PCO Type : SAP Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This ASP is used to confirm the termination of an established multiple frame operation (L2 ---> L3).		
Parameter Name	Parameter Type	Comments
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_REL_IN (DL-RELEASE-INDICATION) PCO Type : SAP Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This ASP is used to confirm the termination of an established multiple frame operation or to report an unsuccessful establishment attempt (L2 ---> L3).		
Parameter Name	Parameter Type	Comments
Detailed Comments :		

ASP Type Definition		
ASP Name : DL_REL_RQ (DL-RELEASE-REQUEST) PCO Type : SAP Comments : CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) This ASP is used to request the termination of an established multiple frame operation (L3 ---> L2).		
Parameter Name	Parameter Type	Comments
Detailed Comments :		

PDU Type Definition			
PDU Name : ACM_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : Address complete (TABLE 21 / Q.763) containng 7 differents ATP			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label	m	
CICode	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 CHANGE /7/	
ATP_BCAP	access_transport1	o	
ATP_PI	access_transport2	o	
ATP_HLC	access_transport3	o	
ATP_LLC	access_transport4	o	
ATP_PIBC	access_transport8	o	
ATP_BCPI	access_transport7	o	
ATP_PIHLC	access_transport5	o	
ATP_HLCPI	access_transport6	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	
CDInf	call_diversion_information	o	
NtwFac	network_specific_facility	o @	
RemOp	remote_operations	o @	
ServAct	service_activation	o @	
RnNbRes	redirection_number_restriction	o	
CCNRPos	ccnr_possible_indicator	o	
NatPar	national_parameter	o @	
EndOP	end_of_opt_param_ind	o	
Detailed Comments : 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			
PDU Name : ANM_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : Answer (TABLE 22 / Q.763) with ATP containing a High Layer Capability			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	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		CHANGE /6/
ATP_BCAP	access_transport1		o
ATP_PI	access_transport2		o
ATP_HLC	access_transport3		o
ATP_LLC	access_transport4		o
ATP_PIBC	access_transport8		o
ATP_BCPI	access_transport7		o
ATP_PIHLC	access_transport5		o
ATP_HLCPI	access_transport6		o
ADInf	access_delivery_information		o
GenNot	generic_notification_indicator		o 1.
ParCmp	parameter_compatibility_information		o
CHInf	call_history_information		o
GenNb	generic_number		o 1.
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
NatPar	national_parameter		o @
EndOP	end_of_opt_param_ind		o
Detailed Comments : 1. This parameter could be repeated. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			

PDU Type Definition			
PDU Name : BLA_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : CHANGE / 2.2 / 11.2-99 / KP			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	circuit_identification_code		m
MType	message_type		m
Detailed Comments :			

PDU Type Definition			
PDU Name : BLO_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : CHANGE / 2.2 / 11.2-99 / KP			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	circuit_identification_code		m
MType	message_type		m
Detailed Comments :			

PDU Type Definition			
PDU Name : CPG_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : Call progress (TABLE 23 / Q.763) with ATP containing a bearer capability			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	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_indicators		o
ATP	access_transport		CHANGE /4/
ATP_BCAP	access_transport1		o
ATP_PI	access_transport2		o
ATP_HLC	access_transport3		o
ATP_LLC	access_transport4		o
ATP_PIBC	access_transport8		o
ATP_BCPI	access_transport7		o
ATP_PIHLC	access_transport5		o
ATP_HLCPI	access_transport6		o
UUInd	user_to_user_indicators		o
RnNb	redirection_number		o
UUInf	user_to_user_information		o
GenNot	generic_notification_indicator		o 1.
GenNot2	generic_notification_indicator		o 1.
NtwFac	network_specific_facility		o @
RemOp	remote_operations		o @
TMU	transmission_medium_used		o
ADInf	access_delivery_information		o
ParCmp	parameter_compatibility_information		o
CDInf	call_diversion_information		o
ServAct	service_activation		o @
RnNbRes	redirection_number_restriction		o
CCNRPos	ccnr_possible_indicator		o
NatPar	national_parameter		o @
Unknown	unknown_parameter		o
EndOP	end_of_opt_param_ind		o
Detailed Comments : 1. This parameter could be repeatet. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			

PDU Type Definition			
PDU Name : CON_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : Connect (TABLE 27 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label	m	
CICode	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	CHANGE /16/ TJS
ATP_BCAP	access_transport1	o	
ATP_PI	access_transport2	o	
ATP_HLC	access_transport3	o	
ATP_LLC	access_transport4	o	
ATP_PIBC	access_transport8	o	
ATP_BCPI	access_transport7	o	
ATP_PIHLC	access_transport5	o	
ATP_HLCPI	access_transport6	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	
ParCmp	parameter_compatibility_information		
RnNb	redirection_number	o	
ServAct	service_activation	o @	
GenNb	generic_number	o 1.	
RnNbRes	redirection_number_restriction	o	
NatPar	national_parameter	o @	
EndOP	end_of_opt_param_ind	o	
Detailed Comments : 1. This parameter could be in Note: The order of the optional parameters (o) can be arbitrary.cluded several times. @ For national use only			

PDU Type Definition			
PDU Name : IAM_PDU_R PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : Initial address message (TABLE 32 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	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_R		v
TNtwSel	transit_network_selection		o @
CRef	call_reference		o @
CgPN	calling_party_number		o
OFCI	optional_forward_call_indicators		o
RgNb	redirecting_number		o
RnInf	redirection_information		o
CUGIC	closed_user_group_interlock_code		o
ConRq	connection_request		o
OriCdNb	original_called_number		o
UUInf	user_to_user_information		o
ATP	access_transport		o
ATP_PI	access_transport2		o
ATP_HLC	access_transport3		o
ATP_LLC	access_transport4		o
ATP_2HLC	access_transport9		o
ATP_HLC_BC	access_transport10		o
ATP_BC_HLC	access_transport11		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
CCSScall	ccss_call_indicator		
NatPar	national_parameter		

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PDU Type Definition			
Field Name	Field Type	Field Encoding	Comments
Unknown	unknown_parameter		o
EndOP	end_of_opt_param_ind		o
Detailed Comments : 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			
PDU Name : IAM_PDU_S PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : Initial address message (TABLE 32 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	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_S		v
TNtwSel	transit_network_selection		o @
CRef	call_reference		o @
CgPN	calling_party_number		o
OFCI	optional_forward_call_indicators		o
RgNb	redirecting_number		o
RnInf	redirection_information		o
CUGIC	closed_user_group_interlock_code		o
ConRq	connection_request		o
OriCdNb	original_called_number		o
UUInf	user_to_user_information		o
ATP	access_transport		o
ATP_PI	access_transport2		o
ATP_HLC	access_transport3		o
ATP_LLC	access_transport4		o
ATP_2HLC	access_transport9		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
CCSScall	ccss_call_indicator		o
Unknown	unknown_parameter		o
EndOP	end_of_opt_param_ind		o

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PDU Type Definition	
Detailed Comments	: 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				
PDU Name : REL_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : Release (TABLE 33 / Q.763)				
Field Name	Field Type	Field Encoding	Comments	
RoutingLbl	routing_label		m	
CICode	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	
ATP_PI	access_transport2		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	
UUInd	user_to_user_indicators		o	
NatPar	national_parameter		o @	
Unknown	unknown_parameter		o	
EndOP	end_of_opt_param_ind		o	
Detailed Comments : @ For national use only Note: The order of the optional parameters (o) can be arbitrary.				

PDU Type Definition			
PDU Name : RLC_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : Release complete (TABLE 34 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	circuit_identification_code		m
MType	message_type		m
opt_part_ptr	pointer		m
Cause	cause_indicators		o
Unknown	unknown_parameter		o
EndOP	end_of_opt_param_ind		o
Detailed Comments :			

PDU Type Definition			
PDU Name : RSC_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : reset circuit (TABLE 39 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	circuit_identification_code		m
MType	message_type		m
Detailed Comments :			

PDU Type Definition			
PDU Name : UBA_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : Blocking (TABLE 39 / Q.763) CHANGE / 2 / 10.2.1999 / KP			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	circuit_identification_code		m
MType	message_type		m
Detailed Comments :			

PDU Type Definition			
PDU Name : UBL_PDU PCO Type : ISUP_PCO Encoding Rule Name : Encoding Variation : Comments : Blocking (TABLE 39 / Q.763) CHANGE / 2 / 10.2.1999 / KP			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	circuit_identification_code		m
MType	message_type		m
Detailed Comments :			

PDU Type Definition			
PDU Name : ALERTING_PDU (ALERTING) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: global Direction: both ETS 300 403-1 subclause 3.1.1			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
bcap (Bearer capability)	BCAP		Direction: both, type: O, length: 4 - 12 octets
efac (Extended facility)	EFAC		Direction: both, type: O, length: 2 - * octets
chi (Channel identification)	CHI		Direction: u>n , type: O, length: 2 - 34 octets
fac (Facility)	FAC		Direction: both, type: O, length: 2 - * octets
pi1 (Progress indicator)	PI		Direction: both, type: O, length: 2 - 4 octets
pi2 (Progress indicator)	PI		Direction: both, type: O, length: 2 - 4 octets
noid (Notification indicator)	NOID		Direction: both, type: O, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
ronn (Redirection number)	RONN		Direction: n>u , type: O, length: 2 - 24 octets
hlc (High layer compatibility)	HLC		Direction: both, type: O, length: 2 - 4 octets
uui (User-user)	UUI		Direction: both, type: O, length: 2 - * octets
Detailed Comments :			

PDU Type Definition			
PDU Name : CALL_PROC_PDU (CALL PROCEEDING) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: local Direction: both ETS 300 403-1 subclause 3.1.2			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
bcap (Bearer capability)	BCAP		Direction: both, type: O, length: 4 - 12 octets
efac (Extended facility)	EFAC		Direction: both, type: O, length: 2 - * octets
chi (Channel identification)	CHI		Direction: both, type: O, length: 2 - 34 octets (1)
fac (Facility)	FAC		Direction: both, type: O, length: 2 - * octets
pi1 (Progress indicator)	PI		Direction: both, type: O, length: 2 - 4 octets
pi2 (Progress indicator)	PI		Direction: both, type: O, length: 2 - 4 octets
noid (Notification indicator)	NOID		Direction: both, type: O, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
hlc (High layer compatibility)	HLC		Direction: both, type: O, length: 2 - 4 octets
Detailed Comments : (1) Mandatory in the network-to-user direction.			

PDU Type Definition			
PDU Name : CONNECT_PDU (CONNECT) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: global Direction: both ETS 300 403-1 subclause 3.1.3			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
bcap (Bearer capability)	BCAP		Direction: both, type: O, length: 4 - 12 octets
efac (Extended facility)	EFAC		Direction: both, type: O, length: 2 - * octets
chi (Channel identification)	CHI		Direction: u>n , type: O, length: 2 - 34 octets
fac (Facility)	FAC		Direction: both, type: O, length: 2 - * octets
pi (Progress indicator)	PI		Direction: both, type: O, length: 2 - 4 octets
noid (Notification indicator)	NOID		Direction: both, type: O, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
dati (Date/time)	DATI		Direction: n>u , type: O, length: 2 - 7 octets
codn (Connected number)	CODN		Direction: both, type: O, length: 2 - 24 octets
cods (Connected subaddress)	CODS		Direction: both, type: O, length: 2 - 23 octets
ronn (Redirection number)	RONN		Direction: n>u , type: O, length: 2 - 24 octets
llc (Low layer compatibilty)	LLC		Direction: both, type: O, length: 2 - 16 octets
hlc (High layer compatibilty)	HLC		Direction: both, type: O, length: 2 - 4 octets
uui (User-user)	UUI		Direction: both, type: O, length: 2 - * octets
Detailed Comments :			

PDU Type Definition			
PDU Name : CONNECT_ACK_PDU (CONNECT ACKNOWLEDGE) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: global Direction: both ETS 300 403-1 subclause 3.1.4			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
efac (Extended facility)	EFAC		Direction: both, type: O, length: 2 - * octets
fac (Facility)	FAC		Direction: both, type: O, length: 2 - * octets
noid (Notification indicator)	NOID		Direction: both, type: O, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
Detailed Comments :			

PDU Type Definition			
PDU Name : DISCONNECT_PDU (DISCONNECT) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: global Direction: both ETS 300 403-1 subclause 3.1.5			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
cau (Cause)	CAU		Direction: both, type: M, length: 4 - 32 octets
efac (Extended facility)	EFAC		Direction: both, type: O, length: 2 - * octets
fac (Facility)	FAC		Direction: both, type: O, length: 2 - * octets
pi (Progress indicator)	PI		Direction: n>u , type: O, length: 2 - 4 octets
noid (Notification indicator)	NOID		Direction: both, type: O, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
uui (User-user)	UUI		Direction: both, type: O, length: 2 - * octets
Detailed Comments :			

PDU Type Definition			
PDU Name : FACILITY_PDU PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : FACility u <-> n EN 300 196-1 subclause 11.1.1.1, 11.1.2.1, 11.1.3.1			
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
fac	FAC		facility in tabular form
noind	NOID		notification indicator M OCTETSTRING[3]
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]
ronn	RONN		redirection number (n ->u) O OCTETSTRING[2..24]
Detailed Comments :			

PDU Type Definition			
PDU Name : GFP_MSG_PDU PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: none Direction: user-to-network ETS 300 196-1 subclause 11			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	GFP_MT_LIST		Direction: both, type: M, length: 1 octet
ie_list (Information elements)	IE_LIST		Direction: both, type: O, length: 1 - * octets
Detailed Comments :			

PDU Type Definition			
PDU Name : HOLD_PDU PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : HOLD u <-> n EN 300 196 clause 11.1.1.2			
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
fac	FAC		facility O
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
Detailed Comments :			

PDU Type Definition			
PDU Name : HOLD_ACK_PDU PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : HOLD_ACKnowledge u <-> n EN 300 196 clause 11.1.1.3			
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
fac	FAC		facility in tabular form
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
Detailed Comments :			

PDU Type Definition			
PDU Name : HOLD_REJ_PDU PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : HOLD REJECT u <-> n EN 300 196 clause 11.1.1.4			
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
cau	CAU		cause O
fac	FAC		facility O
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
Detailed Comments :			

PDU Type Definition			
PDU Name : RETRIEVE_PDU PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : RETrieve u <-> n EN 300 196 clause 11.1.1.5			
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]
fac	FAC		facility in tabular form
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
Detailed Comments :			

PDU Type Definition			
PDU Name : RETRIEVE_ACK_PDU PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : RETrieve_ACKnowledge u <-> n EN 300 196 clause 11.1.1.6			
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]
fac	FAC		facility in tabular form
dsp	DSP		display (n ->u) O OCTETSTRING[2..34]
Detailed Comments :			

PDU Type Definition			
PDU Name : RETRIEVE_REJ_PDU PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : RETRIEVE REJECT u <-> n EN 300 196 clause 11.1.1.7			
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 0
fac	FAC		facility 0
dsp	DSP		display (n ->u) 0 OCTETSTRING[2..34]
Detailed Comments :			

PDU Type Definition			
PDU Name : INFORMATION_PDU (INFORMATION) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: local Direction: both ETS 300 403-1 subclause 3.1.6			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
sci (Sending complete)	SCI		Direction: both, type: 0, length: 1 octet (1)
cau (Cause)	CAU		Direction: n>u , type: 0, length: 4 - 32 octets
efac (Extended facility)	EFAC		Direction: both, type: 0, length: 2 - * octets
fac (Facility)	FAC		Direction: both, type: 0, length: 2 - * octets
noid (Notification indicator)	NOID		Direction: both, type: 0, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: 0, length: 2 - 82 octets
kpf (Keypad facility)	KPF		Direction: u>n , type: 0, length: 2 - 34 octets
cdpn (Called party number)	CDPN		Direction: both, type: 0, length: 2 - 23 octets
ronn (Redirection number)	RONN		Direction: n>u , type: 0, length: 2 - 24 octets
Detailed Comments : (1) The Sending complete information element may be located at any position in the message.			

PDU Type Definition			
PDU Name : NOTIFY_PDU (NOTIFY) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: access Direction: both ETS 300 403-1 subclause 3.1.7			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
noid (Notification indicator)	NOID		Direction: both, type: M, length: 2 - * octets
noid2 (Notification indicator)	NOID		Direction: both, type: M, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
ronn (Redirection number)	RONN		Direction: n>u , type: O, length: 2 - 24 octets
Detailed Comments :			

PDU Type Definition			
PDU Name : PROGRESS_PDU (PROGRESS) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : PROGRESS message with two progress indicators Significance: global Direction: both ETS 300 403-1 subclause 3.1.8			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
bcap (Bearer capability)	BCAP		Direction: n>u , type: O, length: 4 - 12 octets
cau (Cause)	CAU		Direction: both, type: O, length: 4 - 32 octets
efac (Extended facility)	EFAC		Direction: both, type: O, length: 2 - * octets
fac (Facility)	FAC		Direction: both, type: O, length: 2 - * octets
pi1 (Progress indicator)	PI		Direction: both, type: M, length: 4 octets
pi2 (Progress indicator)	PI		Direction: both, type: M, length: 4 octets
noid (Notification indicator)	NOID		Direction: both, type: O, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
ronn (Redirection number)	RONN		Direction: n>u , type: O, length: 2 - 24 octets
hlc (High layer compatibilty)	HLC		Direction: both, type: O, length: 2 - 4 octets
uui (User-user)	UUI		Direction: both, type: O, length: 2 - * octets
Detailed Comments :			

PDU Type Definition			
PDU Name : RELEASE_PDU (RELEASE) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: local Direction: both ETS 300 403-1 subclause 3.1.9			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
cau (Cause)	CAU		Direction: both, type: 0, length: 4 - 32 octets (1)
efac (Extended facility)	EFAC		Direction: both, type: 0, length: 2 - * octets
fac (Facility)	FAC		Direction: both, type: 0, length: 2 - * octets
noid (Notification indicator)	NOID		Direction: both, type: 0, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: 0, length: 2 - 82 octets
uui (User-user)	UUI		Direction: both, type: 0, length: 2 - * octets
Detailed Comments : (1) Mandatory in the first call clearing message, including when the RELEASE message is sent as a result of an error handling condition.			

PDU Type Definition			
PDU Name : RELEASE_COM_PDU (RELEASE COMPLETE) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: local Direction: both ETS 300 403-1 subclause 3.1.10			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
cau (Cause)	CAU		Direction: both, type: 0, length: 4 - 32 octets (1)
efac (Extended facility)	EFAC		Direction: both, type: 0, length: 2 - * octets
fac (Facility)	FAC		Direction: both, type: 0, length: 2 - * octets
noid (Notification indicator)	NOID		Direction: both, type: 0, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: 0, length: 2 - 82 octets
uui (User-user)	UUI		Direction: both, type: 0, length: 2 - * octets
Detailed Comments : (1) Mandatory in the first call clearing message, including when the RELEASE message is sent as a result of an error handling condition.			

PDU Type Definition			
PDU Name : RESTART_PDU (RESTART) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: local Direction: both ETS 300 403-1 subclause 3.4.1			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
chi (Channel identification)	CHI		Direction: both, type: O, length: 2 - 34 octets
chi_rs (Channel identification)	CHI_RS		Direction: both, type: O, length: 2 - 34 octets (1)
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
ri (Restart indicator)	RI		Direction: both, type: M, length: 3 octets
Detailed Comments : (1) This special Channel identification information element type is used to handle the restart procedures.			

PDU Type Definition			
PDU Name : RESTART_ACK_PDU (RESTART ACKNOWLEDGE) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: local Direction: both ETS 300 403-1 subclause 3.4.2			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
chi (Channel identification)	CHI		Direction: both, type: O, length: 2 - 34 octets
chi_rs (Channel identification)	CHI_RS		Direction: both, type: O, length: 2 - 34 octets (1)
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
ri (Restart indicator)	RI		Direction: both, type: M, length: 3 octets
Detailed Comments : (1) This special Channel identification information element type is used to handle the restart procedures.			

PDU Type Definition			
PDU Name : SETUP_PDU (SETUP) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: global Direction: both ETS 300 403-1 subclause 3.1.14			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
sci (Sending complete)	SCI		Direction: both, type: O, length: 1 octet (1)
bcap (Bearer capability)	BCAP		Direction: both, type: M, length: 4 - 12 octets
bcap_2s (Bearer capability)	BCAP		Direction: both, type: M, length: 4 - 12 octets (2)
efac (Extended facility)	EFAC		Direction: both, type: O, length: 2 - * octets
chi (Channel identification)	CHI		Direction: both, type: O, length: 2 - 34 octets
fac (Facility)	FAC		Direction: both, type: O, length: 2 - * octets
pi (Progress indicator)	PI		Direction: both, type: O, length: 2 - 4 octets
nsf (Network-specific facilities)	NSF		Direction: both, type: O, length: 2 - * octets
noid (Notification indicator)	NOID		Direction: both, type: O, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
dati (Date/time)	DATI		Direction: n>u , type: O, length: 2 - 7 octets
kpf (Keypad facility)	KPF		Direction: u>n , type: O, length: 2 - 34 octets
cgpn (Calling party number)	CGPN		Direction: both, type: O, length: 2 - 24 octets
cgpn_2 (Second Calling party number)	CGPN		Direction: both, type: O, length: 2 - 24 octets
cgps (Calling party subaddress)	CGPS		Direction: both, type: O, length: 2 - 23 octets
cdpn (Called party number)	CDPN		Direction: both, type: O, length: 2 - 23 octets
cdps (Called party subaddress)	CDPS		Direction: both, type: O, length: 2 - 23 octets
rngn (Redirecting number)	RNGN		Direction: n>u , type: O, length: 2 - 24 octets
rngn_2 (second Redirecting number)	RNGN		Direction: n>u , type: O, length: 2 - 24 octets
tns (Transfer network selection)	TNS		Direction: u>n , type: O, length: 2 - * octets
llc (Low layer compatibility)	LLC		Direction: both, type: O, length: 2 - 16 octets
hlc (High layer compatibility)	HLC		Direction: both, type: O, length: 2 - 4 octets
hlc_2 (High layer compatibility)	HLC		Direction: both, type: O, length: 2 - 4 octets (2)
uui (User-user)	UUI		Direction: both, type: O, length: 2 - * octets
sci_2 (Sending complete)	SCI		Direction: both, type: O, length: 1 octet (1)
Detailed Comments : (1) The Sending complete information element may be located at any position in the message. (2) Bearer capability and High layer compatibility information elements may be repeated, if fallback to an alternative service is allowed. For the repeated Bearer capability information element two different types are used for sending and receiving.			

PDU Type Definition			
PDU Name : STATUS_ENQ_PDU (STATUS ENQUIRY) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: local Direction: both ETS 300 403-1 subclause 3.1.17			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
Detailed Comments :			

PDU Type Definition			
PDU Name : STATUS_PDU (STATUS) PCO Type : SAP Encoding Rule Name : Encoding Variation : Comments : Significance: local Direction: both ETS 300 403-1 subclause 3.1.16, 3.4.3			
Field Name	Field Type	Field Encoding	Comments
pd (Protocol discriminator)	PD		Direction: both, type: M, length: 1 octet
cr (Call reference)	CR		Direction: both, type: M, length: 1 - 3 octets
mt (Message type)	MT		Direction: both, type: M, length: 1 octet
cau (Cause)	CAU		Direction: both, type: M, length: 4 - 32 octets
cst (Call state)	CST		Direction: both, type: M, length: 3 octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
Detailed Comments :			

CM Type Definition		
CM Name : CP_M		
Comments : coordination message		
Parameter Name	Parameter Type	Comments
CM_content	IA5String	message content in clear text
Detailed Comments :		

Alias Definitions		
Alias Name	Expansion	Comments
P_IAMr	IAM_IND	MTP TRANSFER_IND is used to carry an ISUP IAM PDU - received by Tester.
P_PDUR	TRANSFER_IND	MTP TRANSFER_IND is used to carry an ISUP PDU - received by Tester.
P_PDUs	TRANSFER_REQ	MTP TRANSFER_REQ is used to carry an ISUP PDU - sent by Tester.
PDUR	DL_DAT_IN	ISDN PDU received
PDUs	DL_DAT_RQ	ISDN PDU sent, point-to-point data link
SETUPr	DL_DAT_IN_SETUP	ISDN SETUP received
SETUP_BROADCASTr	DL_UDAT_IN_SETUP	SETUP received, point-to-multipoint
RESTARTr	DL_DAT_IN_RESTART	ISDN RESTART received
Detailed Comments :		

III

Constraints Part

Structured Type Constraint Declaration			
Constraint Name : ISUP_SIO(NIval: BITSTRING) Structured Type : service_information_octet Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
NI	NIval		
spare	'00'B		spare '00'B
SIO	'0101'B		ISDN User Part identification
Detailed Comments :			

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

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

Structured Type Constraint Declaration			
Constraint Name : P_ATP_R Structured Type : access_transport Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	*		
ATP_field_ID	*		
ATP_field_length	*		
ATP_field_value	*		
ATP_field2_ID	*		CHANGED/KP/22.2-98/Added
ATP_field2_length	*		CHANGED/KP/22.2-98/Added
ATP_field2_value	*		CHANGED/KP/22.2-98/Added
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_BCI_m_R Structured Type : backward_call_indicators Derivation Path : Encoding Variation : Comments : Receive BCI			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	-		
EEMthI	'??'B		
CdPC	'??'B		
CdPSI	'??'B		
ChgI	'??'B		
SCCPMI	'??'B		
ECDI	'?'B		
ISDNAI	'?'B		
HoldI	'?'B		
ISUPI	'?'B		
EEInfiI	'?'B		
IWI	'?'B		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_BCI_m_R2 Structured Type : backward_call_indicators Derivation Path : Encoding Variation : Comments : Receive BCI with: Called Party's Status (CPS) indicator: " subscriber free (01)", Called party's category indicator: "no indication(00)" or "ordinary subscriber(01)" or "payphone(10)", interworking indicator: "no interworking encountered (0)", ISUP indicator: "ISUP used all the way", ISDN access indicator set to "ISDN"			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	-		
EEMthI	'??'B		
CdPC	('00'B, '01'B, '10'B)		"no indication" or "ordinary subscriber" or "payphone"
CdPSI	'01'B		"Subscriber Free"
ChgI	'??'B		
SCCPMI	'??'B		
ECDI	'?'B		
ISDNAI	'1'B		"ISDN"
HoldI	'?'B		
ISUPI	'1'B		"ISUP used all the way"
EEInfiI	'?'B		
IWI	'0'B		"no interworking encountered"
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_BCI_m_R7 Structured Type : backward_call_indicators Derivation Path : Encoding Variation : Comments : Receive BCI with: Called Party's Status (CPS) indicator: "no indication (00)", Called party's category indicator: "no indication(00)" or "ordinary subscriber(01)" or "payphone(10)", interworking indicator: "no interworking encountered (0)", ISUP indicator: "ISUP used all the way", ISDN access indicator set to "ISDN"			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	-		
EEMthI	'??'B		
CdPC	('00'B, '01'B, '10'B)		"no indication" or "ordinary subscriber" or "payphone"
CdPSI	'00'B		"no indication"
ChgI	'??'B		
SCCPMI	'??'B		
ECDI	'?'B		
ISDNAI	?		
HoldI	'?'B		
ISUPI	'1'B		"ISUP used all the way"
EEInfiI	'?'B		
IWI	'0'B		"no interworking encountered"
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_BCI_m_S1 Structured Type : backward_call_indicators Derivation Path : Encoding Variation : Comments : CPS ind: no indication ISUP ind: ISUP is used all the way ISDN access ind: ISDN			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	-		
EEMthI	'00'B		no method available
CdPC	'01'B		ordinary subscriber
CdPSI	'00'B		no indication
ChgI	'10'B		Charge indicator
SCCPMI	'00'B		no indication
ECDI	'0'B		incoming half echo control device not included
ISDNAI	'1'B		terminating access ISDN
HoldI	'0'B		holding not requested
ISUPI	'1'B		ISUP used all the way
EEInFI	'0'B		no end-to-end information available
IWI	'0'B		no interworking encountered
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_BCI_m_S2 (cpa_cdpsi,cpa_isupi,cpa_isdnai:BITSTRING) Structured Type : backward_call_indicators Derivation Path : Encoding Variation : Comments : CPS ind: parameter ISUP ind: parameter ISDN access ind: parameter			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	-		
EEMthI	'00'B		no method available
CdPC	'01'B		ordinary subscriber
CdPSI	cpa_cdpsi		'00'B->"no indication" '01'B->"subscriber free"
			'10'B->"connect when free"
			'11'B->"spare"
ChgI	'10'B		Charge indicator
SCCPMI	'00'B		no indication
ECDI	'0'B		incoming half echo control device not included
ISDNAI	cpa_isdnai		'0'B-> terminating access non-ISDN '1'B-> terminating access ISDN
HoldI	'0'B		holding not requested
ISUPI	cpa_isupi		'0'B ISUP not used all the way '1'B ISUP used all the way
EEInFI	'0'B		no end-to-end information available
IWI	'0'B		no interworking encountered
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_BCI_o_R Structured Type : backward_call_indicators Derivation Path : Encoding Variation : Comments : Receive BCI			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010001'B		
length	'02'O		
EEMthI	'??'B		
CdPC	'??'B		
CdPSI	'??'B		
ChgI	'??'B		
SCCPMI	'??'B		
ECDI	'?'B		
ISDNAI	'?'B		
HoldI	'?'B		
ISUPI	'?'B		
EEInFI	'?'B		
IWI	'?'B		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_Cause_m_R			
Structured Type : cause_indicators			
Derivation Path :			
Encoding Variation :			
Comments : receive cause value			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		last octet CCITT standardized coding
length	?		
ExtI_1	'1'B		
CodS	'00'B		
spare	'0'B		
Loc	'????'B		
ExtI_2	'?'B		
CauseV	'??????'B		
Diag	*		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_Cause_m_Rl(cpa_cau_val: INTEGER) Structured Type : cause_indicators Derivation Path : Encoding Variation : Comments : Cause value as parameter			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	'02'O		
ExtI_1	'1'B		last octet
CodS	'00'B		CCITT standardized coding
spare	'0'B		
Loc	?		
ExtI_2	'1'B		last octet
CauseV	INT_TO_BIT(cpa_cau_val, 7)		
Diag	-		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_Cause_m_R_diag(cpa_cau_val: INTEGER; diag_val: OCTETSTRING) Structured Type : cause_indicators Derivation Path : Encoding Variation : Comments : Cause value as parameter; diagnostics indicating "CCBS possible"			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	'03'O		
ExtI_1	'1'B		last octet
CodS	'00'B		CCITT standardized coding
spare	'0'B		
Loc	?		
ExtI_2	'1'B		last octet
CauseV	INT_TO_BIT(cpa_cau_val, 7)		
Diag	diag_val		parameter
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_Cause_m_S Structured Type : cause_indicators Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	'02'O		
ExtI_1	'1'B		last octet
CodS	'00'B		CCITT standardized coding
spare	'0'B		
Loc	'0000'B		User
ExtI_2	'1'B		last octet
CauseV	'0010000'B		Normal call clearing
Diag	-		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_Cause_m_S2(cpa_cau_loc, cpa_cau_val: BITSTRING) Structured Type : cause_indicators Derivation Path : Encoding Variation : Comments : Cause containing cause location and cause value as test suite parameter with the same contents as the ISDN one			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	'02'O		
ExtI_1	'1'B		last octet
CodS	'00'B		CCITT standardized coding
spare	'0'B		
Loc	cpa_cau_loc		Same location value as the ISDN one
ExtI_2	'1'B		last octet
CauseV	cpa_cau_val		Same cause value as the ISDN one
Diag	-		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_Cause_m_S_diag(cpa_cau_val: BITSTRING; diag_val: OCTETSTRING) Structured Type : cause_indicators Derivation Path : Encoding Variation : Comments : Cause containing parametrized diagnostics			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	'03'O		
ExtI_1	'1'B		last octet
CodS	'00'B		CCITT standardized coding
spare	'0'B		
Loc	'0000'B		User
ExtI_2	'1'B		last octet
CauseV	cpa_cau_val		
Diag	diag_val		
Detailed Comments :			

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

Structured Type Constraint Declaration			
Constraint Name : P_CCNRPoS_R Structured Type : ccnr_possible_indicator Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01111010'B		
length	'01'O		
spare	?		
ccnr_possible	?		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CCSScall_R Structured Type : ccss_call_indicator Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01001011'B		
length	'01'O		
spare	?		
ccns_call	?		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CDInf_R Structured Type : call_diversion_information Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110110'B		
length	'01'O		
CDInf_sp	?		
CDInf_rr	?		
CDInf_nso	?		
Detailed Comments :			

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

Structured Type Constraint Declaration			
Constraint Name : P_CIC_R_S(CICnr: BITSTRING) Structured Type : circuit_identification_code Derivation Path : Encoding Variation : Comments : CHANGE / 3.1 / 12.2-99 / KP			
Element Name	Element Value	Element Encoding	Comments
CIC	BIT_LOHI(CICnr)		CICnr
spare	BIT_LOHI('0000'B)		'0000'B
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CIC_iam_R Structured Type : circuit_identification_code Derivation Path : Encoding Variation : Comments : CHANGE / 3.1 / 12.2-99 / KP			
Element Name	Element Value	Element Encoding	Comments
CIC	BIT_LOHI(?)		?
spare	BIT_LOHI('0000'B)		'0000'B
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CdPN_R Structured Type : called_party_number_R Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
length	?		
OdEvI	'?'B		
NatAdRI	('0000011'B, '0000100'B, '0000001'B)		
INtwNbI	'?'B		
NbPI	'???'B		
spare	'0000'B		
AdSg	?		
ST	*		
Filler	*		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CdPN_S(cpa_length,cpa_value: OCTETSTRING) Structured Type : called_party_number_S Derivation Path : Encoding Variation : Comments : value of the CDPN parameter as parameter			
Element Name	Element Value	Element Encoding	Comments
length	cpa_length		
value	cpa_value		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CgPC_m_R Structured Type : calling_partys_category Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	-		
CgPC_field	'????????'B		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CgPC_m_RS Structured Type : calling_partys_category Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	-		
CgPC_field	PXP_CGPG		
Detailed Comments : Calling party's category Pixit			

Structured Type Constraint Declaration			
Constraint Name : P_CgPN_R Structured Type : calling_party_number Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001010'B		
length	?		
OdEvI	'?'B		
NatAdri	?		
CgPNII	'?'B		
NbPI	'???'B		
APRI	'??'B		
ScrI	'??'B		
AdSg_ST_Fil	*		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CgPN_S Structured Type : calling_party_number Derivation Path : Encoding Variation : Comments : Dummy calling party number			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001010'B		
length	'04'O		
OdEvI	'0'B		
NatAdri	'0000001'B		
CgPNII	'0'B		
NbPI	'001'B		
APRI	'00'B		
ScrI	'11'B		
AdSg_ST_Fil	'2143'H		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_ConNb_R Structured Type : connected_number Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100001'B		
length	?		
OdEvI	'?'B		Odd/even indicator
NatAdri	'???????'B		Nature of address indicators
spare	'?'B		Spare
NbPI	'???'B		Numbering plan indicator
APRI	'??'B		Address presentation restriction indicator
ScrI	'??'B		Screening indicator
AdSg	?		Address signal
Filler	*		
Detailed Comments :			

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

Structured Type Constraint Declaration			
Constraint Name : P_CRef_R Structured Type : call_reference Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000001'B		
length	'05'O		
CRef_contents	?		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CUGIC_R Structured Type : closed_user_group_interlock_code Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00011010'B		
length	'04'O		
CUGIC_contents	?		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CUGIC_RS1 Structured Type : closed_user_group_interlock_code Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00011010'B		
length	'04'O		
CUGIC_contents	PXP_CUG_IC		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_CUGIC_RS2 Structured Type : closed_user_group_interlock_code Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00011010'B		
length	'04'O		
CUGIC_contents	PXP_WCUG_IC		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_EchoInf_R Structured Type : echo_control_information Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110111'B		
length	'01'O		
IEchoRqI	'??'B		
OEchoRqI	'??'B		
IEchoRsI	'??'B		
OEchoRsI	'??'B		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_EvInf_R1(cpa_eventi: INTEGER) Structured Type : event_information Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
EvPRI	'?'B		
EventI	INT_TO_BIT(cpa_eventi, 7)		parameter
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_EvInf_S(cpa_eventi: INTEGER) Structured Type : event_information Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
EvPRI	'0'B		No Indication
EventI	INT_TO_BIT(cpa_eventi, 7)		parameter
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_FCI_base_R Structured Type : forward_call_indicators Derivation Path : Encoding Variation : Comments : @ For national use only			
Element Name	Element Value	Element Encoding	Comments
IPI	'??'B		ISUP used all the way
ISUPI	'?'B		
EEInFI	'?'B		
IWI	'0'B		
EEMthI	'??'B		no interworking encountered
InatCI	'?'B		
spare_2	'????'B		
spare_1	'0'B		
SCCPMI	'??'B		
ISDNAI	'?'B		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_FCI_R2(ipi: BITSTRING)			
Structured Type : forward_call_indicators			
Derivation Path :			
Encoding Variation :			
Comments : @ For national use only			
Element Name	Element Value	Element Encoding	Comments
IPI	ipi		parametrised value ISUP used all the way
ISUPI	'?'B		
EEInFI	'?'B		
IWI	'0'B		
EEMthI	'??'B		no interworking encountered
InatCI	'?'B		
spare_2	'????'B		
spare_1	'0'B		
SCCPMI	'??'B		@
ISDNAI	'?'B		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_FCI_S(cpa_isupi,cpa_isdnai: BITSTRING) Structured Type : forward_call_indicators Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
IPI	'00'B		ISUP preferred all the way
ISUPI	cpa_isupi		ISUP used all the way
EEInfiI	PXP_EE_INFO_IND		
IWI	'0'B		no interworking encountered
EEMthI	PXP_EE_METHOD		
InatCI	PXP_NI_CALL_IND		
spare_2	'0000'B		Reserved for national use
spare_1	'0'B		
SCCPMI	PXP_SCCP_IND		
ISDNAI	cpa_isdnai		Originating Acces ISDN
Detailed Comments : FCI Interworking indicator: no interworking encountered FCI ISDN user part indicator: parameter FCI ISDN access indicator: parameter FCI ISDN user part preference indicator: ISDN user part preferred all the way FCI National/International call indicator: FCI_NI_CALL_IND (PIXIT) FCI End-to-end method available: FCI_EE_METHOD (PIXIT) FCI End-to-End information indicator: FCI_EE_INFO_IND (PIXIT) FCI SCCP method indicator: FCI_SCCP_IND (PIXIT)			

Structured Type Constraint Declaration			
Constraint Name : P_GenNb_R Structured Type : generic_number Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'11000000'B		
length	?		
NQI	?		Number qualifier indicator
OdEvI	?		Odd/even indicator
NatAdrI	?		Nature of address indicator
NbIInd	?		Number incomplete indicator
NbPI	?		Numbering plan indicator
AdPreRInd	?		Address presentation restricted indicator
ScrInd	?		Screening indicator
AdSg_Filler	?		Address signals
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_GenDig_R Structured Type : generic_digits Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'11000001'B		
length	?		
GenDig_contents	?		
Detailed Comments :			

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

Structured Type Constraint Declaration			
Constraint Name : P_GenNot_RS (cpa_genNot : OCTETSTRING) Structured Type : generic_notification_indicator Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101100'B		
length	'01'O		
GenNot_contents	cpa_genNot		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_GenRef_R Structured Type : generic_reference Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'01000010'B		
length	?		
GenRef_contents	?		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_LocNb_R Structured Type : location_number Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111111'B		
length	?		
OdEvI	'?'B		
NatAdRI	'???????'B		
INtwNbI	'1'B		
NbPI	'????'B		
APRI	'???'B		
ScrI	'???'B		
AdSg	?		
Filler	*		
Detailed Comments :			

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

Structured Type Constraint Declaration			
Constraint Name : P_NatCon_R			
Structured Type : nature_of_connection_indicators			
Derivation Path :			
Encoding Variation :			
Comments :			
Element Name	Element Value	Element Encoding	Comments
spare	'000'B		Continuity check not required
ECDI	'?'B		
CntChI	'??'B		
SatI	'??'B		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_NatCon_S(cpa_cntchi: BITSTRING)			
Structured Type : nature_of_connection_indicators			
Derivation Path :			
Encoding Variation :			
Comments :			
Element Name	Element Value	Element Encoding	Comments
spare	'000'B		Outgoing half echo control device not included
ECDI	'0'B		
CntChI	cpa_cntchi		no satellite circuit in the connection
SatI	'00'B		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_NtwFac_R Structured Type : network_specific_facility Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101111'B		
length	?		
NtwFac_contents	?		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_OBCI_R Structured Type : optional_backward_call_indicators Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101001'B		no indication
length	'01'O		
spare	'0000'B		
MLPPUsrI	'0'B		
SgmI	'?'B		
CDmo	'?'B		
InBndInfI	'?'B		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_OBCI_S(cpa_ibii:BITSTRING) Structured Type : optional_backward_call_indicators Derivation Path : Encoding Variation : Comments : OBCI inband inf: Test Suite parameter			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101001'B		no indication no additional information will be sent no indication '0'->'no' '1'->'yes'
length	'01'O		
spare	'0000'B		
MLPPUsrI	'0'B		
SgmI	'0'B		
CDmo	'0'B		
InBndInfI	cpa_ibii		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_OFCI_R Structured Type : optional_forward_call_indicators Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001000'B		not requested
length	'01'O		
COLRqI	'?'B		
spare	'0000'B		
SgmI	'?'B		
CUGCI	'??'B		no additional information will be sent
non-CUG call			
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_OFCI_S_CUG (cpa_cugi:BITSTRING) Structured Type : optional_forward_call_indicators Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001000'B		requested
length	'01'O		
COLRqI	'1'B		
spare	'0000'B		
SgmI	'0'B		
CUGCI	cpa_cugi		no additional information will be sent
non-CUG call			
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_OFCI_R1_CUG Structured Type : optional_forward_call_indicators Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001000'B		not requested
length	'01'O		
COLRqI	'?'B		
spare	'0000'B		
SgmI	'?'B		
CUGCI	('10'B, '11'B)		no additional information will be sent
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_OFCI_R2_CUG Structured Type : optional_forward_call_indicators Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001000'B		not requested
length	'01'O		
COLRqI	'?'B		
spare	'0000'B		
SgmI	'?'B		
CUGCI	'00'B		no additional information will be sent
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_OriCdNb_R			
Structured Type : original_called_number			
Derivation Path :			
Encoding Variation :			
Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101000'B		ISDN numbering plan (E.164)
length	?		
OdEvI	'?'B		
NatAdrI	'???????'B		
spare_1	'0'B		
NbPI	'001'B		
APRI	'??'B		
spare_2	'00'B		
AdSg	?		
Filler	*		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_OriISC_R Structured Type : origination_ISC_point_code Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101011'B		
length	'02'O		
OriISC_contents	?		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_ParCmp_R Structured Type : parameter_compatibility_information Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	?		
UParid_1	'????????'B		
ExtI_1	'?'B		
PassNPI_1	'??'B		
DParI_1	'?'B		
DMsgI_1	'?'B		
SendNfI_1	'?'B		
RlsCI_1	'?'B		
TransI_1	'?'B		
UParid_2	*		
ExtI_2	*		
InstrI_2	*		
UParid_3	*		
ExtI_3	*		
InstrI_3	*		
UParid_4	*		
ExtI_4	*		
InstrI_4	*		
UParid_5	*		
ExtI_5	*		
InstrI_5	*		
Detailed Comments :			

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

Structured Type Constraint Declaration			
Constraint Name : P_RemOp_R Structured Type : remote_operations Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110010'B		
length	?		
RemOp_contents	?		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_RgNb_R Structured Type : redirecting_number Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001011'B		
length	?		
OdEvI	'?'B		
NatAdrI	'???????'B		
spare_1	'0'B		
NbPI	'001'B		
APRI	'???'B		
spare_2	'00'B		
AdSg	?		
Filler	*		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_RnInf_R Structured Type : redirection_information Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010011'B		
length	('01'O,'02'O)		
OriRnReas	*		
spare_1	'0'B IF_PRESENT		
RgIc	*		
RgReas	'????'B		
spare_2	'0'B		
RnCnt	'???'B		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_RnNb_R Structured Type : redirection_number Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001100'B		
length	?		
OdEvI	'?'B		
NatAdrI	('0000011'B, '0000100'B)		
INtwNbI	'?'B		
NbPI	'001'B		
spare	'????'B		
AdSg	?		
Filler	*		
Detailed Comments : national (significant) number OR international number internal network number indicator ISDN numbering plan (E.164)			

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

Structured Type Constraint Declaration			
Constraint Name : P_Routing_label_R Structured Type : routing_label Derivation Path : Encoding Variation : Comments : CHANGE / 3.1 / 12.2-99 / KP			
Element Name	Element Value	Element Encoding	Comments
DestPC	BIT_LOHI (INT_TO_BIT (PXP_SP_TISUP, 14))		INT_TO_BIT (PXP_SP_TISUP, 14)
OrigPC	BIT_LOHI (INT_TO_BIT (PXP_SP_IUT, 14))		INT_TO_BIT (PXP_SP_IUT, 14)
SLSel	BIT_LOHI(?)		?
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_Routing_label_S Structured Type : routing_label Derivation Path : Encoding Variation : Comments : Routing label to sent. CHANGE / 12.2-99 / KPlohi			
Element Name	Element Value	Element Encoding	Comments
DestPC	BIT_LOHI (INT_TO_BIT(PXP_SP_IUT, 14))		INT_TO_BIT(PXP_SP_IUT, 14)
OrigPC	BIT_LOHI (INT_TO_BIT (PXP_SP_TISUP, 14))		INT_TO_BIT (PXP_SP_TISUP, 14)
SLSel	BIT_LOHI (PXP_SLS)		PXP_SLS
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_ServAct_R Structured Type : service_activation Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110011'B		
length	?		
ServAct_contents	?		
Detailed Comments :			

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

Structured Type Constraint Declaration			
Constraint Name : P_TMRp_R Structured Type : transmission_medium_requirement_prime Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111110'B		
length	?		length present
TMRp_field	?		value present
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_TMU_R Structured Type : transmission_medium_used Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110101'B		
length	?		length present
TMU_field	?		value present
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_TNtwSel_R Structured Type : transit_network_selection Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100011'B		
length	?		
TNtwSel_contents	?		
Detailed Comments :			

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

Structured Type Constraint Declaration			
Constraint Name : P_UUInd_R1(TYPE, SERVICE1: BITSTRING) Structured Type : user_to_user_indicators Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101010'B		
length	'01'O		
NtwDI	'?'B		
Serv3	'00'B		
Serv2	'00'B		
Serv1	SERVICE1		
Type	TYPE		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_UUInd_S1(TYPE, SERVICE1: BITSTRING) Structured Type : user_to_user_indicators Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101010'B		
length	'01'O		
NtwDI	'0'B		
Serv3	'00'B		
Serv2	'00'B		
Serv1	SERVICE1		
Type	TYPE		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_UUInf_R Structured Type : user_to_user_information Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100000'B		
length	?		
UUInf_contents	?		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_UUInf_RS_NO_UI Structured Type : user_to_user_information Derivation Path : Encoding Variation : Comments : Send/receive constraint without user information			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100000'B		
length	'01'O		
UUInf_contents	'04'O		IA5 characters, no user information
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_UUInf_RS_UI Structured Type : user_to_user_information Derivation Path : Encoding Variation : Comments : Send/receive constraint with user information			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100000'B		
length	'09'O		
UUInf_contents	'044F42455243484546'O		IA5 characters, with user information
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_USI_R Structured Type : user_service_information Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
usi_id	'00011101'B		identifier
usi_l	?		length present
usi_value	?		value present
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_USIp_R Structured Type : user_service_information_prime Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110000'B		
usip_l	?		length present
usip_value	?		value present
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_UTI_R Structured Type : user_teleservice_information Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110100'B		
length	?		length present
value	?		value present
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : P_National_R Structured Type : national_parameter Derivation Path : Encoding Variation : Comments :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	('11111110'B, '11111111'B, '11111101'B, '11111100'B, '11110101'B)		
length	?		
nat_par_contents	?		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : BCAP_S1 Structured Type : BCAP Derivation Path : Encoding Variation : Comments : Send constraint; values as given in the test suite parameters			
Element Name	Element Value	Element Encoding	Comments
bcap_i	ID_BCAP		Identifier
bcap_l	INT_TO_OCTET(LENGTH_OF (PX_BCAPV), 1)		Length present
bcap_con	PX_BCAPV		Contents present
Detailed Comments : PX_BCAPV is a test suite parameter.			

Structured Type Constraint Declaration			
Constraint Name : CAU_R1 Structured Type : CAU Derivation Path : Encoding Variation : Comments : Receive constraint with any cause value			
Element Name	Element Value	Element Encoding	Comments
cau_i	ID_CAU		Cause identifier
cau_l	?		Length value present
cau_e3_eb	'?'B		Extension bit present
cau_e3_cs	'000'B		CCITT standardised coding
cau_e3_loc	'????'B		Location value present
cau_e4_rec	*		Any or no recommendation value
cau_e5_eb	'1'B		Extension bit present
cau_e5_cv	'???????'B		Parametrised cause value
cau_di	*		Any or no diagnostics
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : CAU_R3(cpa_cau_val: INTEGER) Structured Type : CAU Derivation Path : Encoding Variation : Comments : cause with the cause value set to "normal, unspecified"			
Element Name	Element Value	Element Encoding	Comments
cau_i	ID_CAU		Cause identifier
cau_l	?		Length value present
cau_e3_eb	'?'B		Extension bit present
cau_e3_cs	'000'B		CCITT standardised coding
cau_e3_loc	?		Location value present
cau_e4_rec	*		Any or no recommendation value
cau_e5_eb	'1'B		Extension bit present
cau_e5_cv	INT_TO_BIT(cpa_cau_val, 7)		
cau_di	*		Any or no diagnostics
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : CAU_S1(CVAL: INTEGER) Structured Type : CAU Derivation Path : Encoding Variation : Comments : Send constraint with parametrized cause value			
Element Name	Element Value	Element Encoding	Comments
cau_i	ID_CAU		Cause identifier
cau_l	'00000010'B		Length value present
cau_e3_eb	'1'B		Extension bit present
cau_e3_cs	'000'B		CCITT standardised coding
cau_e3_loc	'0000'B		Location user
cau_e4_rec	-		No recommendation value
cau_e5_eb	'1'B		Extension bit present
cau_e5_cv	INT_TO_BIT(CVAL, 7)		Parametrized cause value
cau_di	-		No diagnostics value
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : CDPN_S1 Structured Type : CDPN Derivation Path : Encoding Variation : Comments : Send constraint; values as given in the test suite parameters			
Element Name	Element Value	Element Encoding	Comments
cdpn_i	ID_CDPN		Identifier
cdpn_l	INT_TO_OCTET((LENGTH_OF(PX_CDPN_ND) + 1), 1)		Length present
cdpn_e3_npi	PX_CDPN_OCTET3		Type of number and Numbering plan identification present
cdpn_e4_nd	PX_CDPN_ND		Number digits present
Detailed Comments : PX_CDPN_OCTET3 and PX_CPN_ISUP are test suite parameters			

Structured Type Constraint Declaration			
Constraint Name : CHIB_R1 Structured Type : CHI Derivation Path : Encoding Variation : Comments : Receive constraint for basic access with "don't care" values			
Element Name	Element Value	Element Encoding	Comments
chi_i	ID_CHI		Identifier
chi_l	'00000001'B		Length value present
chi_e3_eb	'1'B		Extension bit present
chi_e3_int	'000?0'B		(1)
chi_e3_cs	('01'B, '10'B)		Channel selection present
chi_e4_csct	-		Not present
chi_e5_eb	-		Not present
chi_e5_cn	-		Not present
Detailed Comments : (1) Interface implicitly identified, basic interface, any value for the preferred/exclusive bit, the channel identified is not the D-channel			

Structured Type Constraint Declaration			
Constraint Name : CHIB_S1(BCH: BITSTRING) Structured Type : CHI Derivation Path : Encoding Variation : Comments : Send constraint for basic access with parametrized channel selection			
Element Name	Element Value	Element Encoding	Comments
chi_i	ID_CHI		Identifier
chi_l	'00000001'B		Length value present
chi_e3_eb	'1'B		Extension bit present
chi_e3_int	'00000'B		(1)
chi_e3_cs	BCH		Parametrized channel selection
chi_e4_csct	-		Not present
chi_e5_eb	-		Not present
chi_e5_cn	-		Not present
Detailed Comments : (1) Interface implicitly identified, basic interface, indicated channel is preferred, the channel identified is not the D-channel			

Structured Type Constraint Declaration			
Constraint Name : CHIp_R1 Structured Type : CHI Derivation Path : Encoding Variation : Comments : Receive constraint for primary rate access with "don't care" values			
Element Name	Element Value	Element Encoding	Comments
chi_i	ID_CHI		Identifier
chi_l	'00000011'B		Length value present
chi_e3_eb	'1'B		Extension bit present
chi_e3_int	'010?0'B		(1)
chi_e3_cs	'01'B		channel as indicated
chi_e4_csct	'10000011'B		(2)
chi_e5_eb	'1'B		Extension bit present
chi_e5_cn	?		Channel number present
Detailed Comments : (1) Interface implicitly identified, other interface, any value for the preferred/exclusive bit, the channel identified is not the D-channel (2) CCITT standardized coding, channel(s) is/are indicated by the number(s) in the following octet(s), B-channel units			

Structured Type Constraint Declaration			
Constraint Name : CHIp_S1(BCH: BITSTRING) Structured Type : CHI Derivation Path : Encoding Variation : Comments : Send constraint for primary rate access with parametrized channel number			
Element Name	Element Value	Element Encoding	Comments
chi_i	ID_CHI		Identifier
chi_l	'00000011'B		Length value present
chi_e3_eb	'1'B		Extension bit present
chi_e3_int	'01000'B		(1)
chi_e3_cs	'01'B		Channel as indicated
chi_e4_csct	'10000011'B		(2)
chi_e5_eb	'1'B		Extension bit present
chi_e5_cn	BCH		Parametrized channel number
Detailed Comments : (1) Interface implicitly identified, other interface, indicated channel is preferred, the channel identified is not the D-channel (2) CCITT standardized coding, channel(s) is/are indicated by the number(s) in the following octet(s), B-channel units			

Structured Type Constraint Declaration			
Constraint Name : CHI_RSb_R1 Structured Type : CHI_RS Derivation Path : Encoding Variation : Comments : Receive constraint for basic access with "don't care" values			
Element Name	Element Value	Element Encoding	Comments
chi_i	ID_CHI		Identifier
chi_l	'00000001'B		Length value present
chi_e3_eb	'1'B		Extension bit present
chi_e3_int	'000?0'B		(1)
chi_e3_cs	'??'B		Channel selection present
chi_e4_csct	-		Not present
chi_e5_eb	-		Not present
chi_e5_cn	-		Not present
chi_e6_eb	-		Not present
chi_e6_cn	-		Not present
chi_cn	-		Not present
Detailed Comments : (1) Interface implicitly identified, basic interface, any value for the preferred/exclusive bit, the channel identified is not the D-channel			

Structured Type Constraint Declaration			
Constraint Name : CHI_RSb_S1(BCH: BITSTRING) Structured Type : CHI_RS Derivation Path : Encoding Variation : Comments : Send constraint for basic access with parametrized channel selection			
Element Name	Element Value	Element Encoding	Comments
chi_i	ID_CHI		Identifier
chi_l	'00000001'B		Length value present
chi_e3_eb	'1'B		Extension bit present
chi_e3_int	'00010'B		(1)
chi_e3_cs	BCH		Parametrized channel selection
chi_e4_csct	-		Not present
chi_e5_eb	-		Not present
chi_e5_cn	-		Not present
chi_e6_eb	-		Not present
chi_e6_cn	-		Not present
chi_cn	-		Not present
Detailed Comments : (1) Interface implicitly identified, basic interface, exclusive: only the indicated channel is acceptable, the channel identified is not the D-channel			

Structured Type Constraint Declaration			
Constraint Name : CHI_RSp_R1 Structured Type : CHI_RS Derivation Path : Encoding Variation : Comments : Receive constraint for primary rate access with "don't care" values			
Element Name	Element Value	Element Encoding	Comments
chi_i	ID_CHI		Identifier
chi_l	?		Length value present
chi_e3_eb	'1'B		Extension bit present
chi_e3_int	'010?0'B		(1)
chi_e3_cs	'01'B		channel as indicated
chi_e4_csct	'10000011'B		(2)
chi_e5_eb	-		Not present
chi_e5_cn	-		Not present
chi_e6_eb	-		Not present
chi_e6_cn	-		Not present
chi_cn	?		Channel number present
Detailed Comments : (1) Interface implicitly identified, other interface, any value for the preferred/exclusive bit, the channel identified is not the D-channel (2) CCITT standardized coding, channel(s) is/are indicated by the number(s) in the following octet(s), B-channel units			

Structured Type Constraint Declaration			
Constraint Name : CHI_RSp_S1(BCH: OCTETSTRING; LENGTH: BITSTRING) Structured Type : CHI_RS Derivation Path : Encoding Variation : Comments : Send constraint for primary rate access with parametrized channel number			
Element Name	Element Value	Element Encoding	Comments
chi_i	ID_CHI		Identifier
chi_l	LENGTH		Parametrized length value
chi_e3_eb	'1'B		Extension bit present
chi_e3_int	'01010'B		(1)
chi_e3_cs	'01'B		Channel as indicated
chi_e4_csct	'10000011'B		(2)
chi_e5_eb	-		Not present
chi_e5_cn	-		Not present
chi_e6_eb	-		Not present
chi_e6_cn	-		Not present
chi_cn	BCH		Parametrized channel number
Detailed Comments : (1) Interface implicitly identified, other interface, exclusive: only the indicated channel is acceptable, the channel identified is not the D-channel (2) CCITT standardized coding, channel(s) is/are indicated by the number(s) in the following octet(s), B-channel units			

Structured Type Constraint Declaration			
Constraint Name : CR1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) Structured Type : CR Derivation Path : Encoding Variation : Comments : Constraint for sending and receiving			
Element Name	Element Value	Element Encoding	Comments
cr_l1	'0000'B		Length value, bits 8 - 5
cr_l2	PX_CR_LENGTH		Length value, bits 4 - 1 (1)
cr_f	INT_TO_BIT(FLAG,1)		Parametrized flag
cr_r	CALL_REF		Parametrized value
Detailed Comments : (1) PX_CR_LENGTH is a test suite parameter.			

Structured Type Constraint Declaration			
Constraint Name : CR_R1 Structured Type : CR Derivation Path : Encoding Variation : Comments : Receive constraint with any call reference value			
Element Name	Element Value	Element Encoding	Comments
cr_l1	'0000'B		Length value, bits 8 - 5
cr_l2	PX_CR_LENGTH		Length value, bits 4 - 1 (1)
cr_f	'0'B		Originator
cr_r	?		Call reference value present
Detailed Comments : (1) PX_CR_LENGTH is a test suite parameter.			

Structured Type Constraint Declaration			
Constraint Name : FAC_R1 (COMP: Component) Structured Type : FAC (Facility) Derivation Path : Encoding Variation : Comments : FACility ETS 300 196-1 subclause 11.2.2.1			
Element Name	Element Value	Element Encoding	Comments
fac_i	'00011100'B		
fac_l	?		
fac_e3_pp	'10010001'B		
fac_comp	COMP		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : FAC_S1 (COMP: Component) Structured Type : FAC (Facility) Derivation Path : Encoding Variation : Comments : FACility ETS 300 196-1 subclause 11.2.2.1			
Element Name	Element Value	Element Encoding	Comments
fac_i	'00011100'B		
fac_l	CALC_FIE_LENGTH()		
fac_e3_pp	'10010001'B		
fac_comp	COMP		
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : HLC_RS1 Structured Type : HLC Derivation Path : Encoding Variation : Comments : Send constraint; values as given in the test suite parameters			
Element Name	Element Value	Element Encoding	Comments
hlc_i	ID_HLC		Identifier
hlc_l	INT_TO_OCTET(LENGTH_OF(PX_HLCV1), 1)		Length present
hlc_con	PX_HLCV1		Contents present
Detailed Comments : PX_HLCV1 is a test suite parameter.			

Structured Type Constraint Declaration			
Constraint Name : NOID_R1 Structured Type : NOID Derivation Path : Encoding Variation : Comments : Receive constraint containing any notification description			
Element Name	Element Value	Element Encoding	Comments
noid_i	ID_NOID		Identifier
noid_l	?		Length present
noid_nd	?		Notification description present
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : NOID_SR (cpa_nd : OCTETSTRING) Structured Type : NOID Derivation Path : Encoding Variation : Comments : Receive/send constraint containing a parametrized notification description			
Element Name	Element Value	Element Encoding	Comments
noid_i	ID_NOID		Identifier
noid_l	'00000001'B		Length present
noid_nd	cpa_nd		Notification description present
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : RI1(CLASS_VAL: INTEGER) Structured Type : RI Derivation Path : Encoding Variation : Comments : Constraint with parametrized class value used for sending and receiving.			
Element Name	Element Value	Element Encoding	Comments
ri_i	ID_RI		Identifier
ri_l	'00000001'B		Length present
ri_sp	'10000'B		Spare value
ri_cl	INT_TO_BIT(CLASS_VAL, 3)		Parametrized class value
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : UUI_RS_NO_UI Structured Type : UUI Derivation Path : Encoding Variation : Comments : Send/receive constraint without user information			
Element Name	Element Value	Element Encoding	Comments
uui_i	ID_UUI		Identifier
uui_l	'00000001'B		Length present
uui_e3_pd	'00000100'B		IA5 characters
uui_ui	-		No user information
Detailed Comments :			

Structured Type Constraint Declaration			
Constraint Name : UUI_RS_UI Structured Type : UUI Derivation Path : Encoding Variation : Comments : Send/receive constraint with user information			
Element Name	Element Value	Element Encoding	Comments
uui_i	ID_UUI		Identifier
uui_l	'00001001'B		Length present
uui_e3_pd	'00000100'B		IA5 characters
uui_ui	'4F42455243484546'O		User information
Detailed Comments :			

ASN.1 Type Constraint Declaration	
Constraint Name	: BegPTY3inv
ASN1 Type	: Component
Derivation Path	:
Encoding Variation	:
Comments	: ASN1_Encoding: BER Send Component: BeginPTY3 invoke component
Constraint Value	
<pre>beginPTY3_Components beginPTY3_InvokeComp { invokeID 1, operation_value localValue 4 }</pre>	
Detailed Comments :	

ASN.1 Type Constraint Declaration	
Constraint Name	: EndPTY3inv
ASN1 Type	: Component
Derivation Path	:
Encoding Variation	:
Comments	: ASN1_Encoding: BER Send Component: EndPTY3 invoke component
Constraint Value	
<pre>endPTY3_Components endPTY3_InvokeComp { invokeID 2, operation_value localValue 5 }</pre>	
Detailed Comments :	

ASN.1 Type Constraint Declaration	
Constraint Name	: CUG_Inv (cpa_oarg:BOOLEAN)
ASN1 Type	: Component
Derivation Path	:
Encoding Variation	:
Comments	: ASN1_ENCODING: BER Send Component
Constraint Value	
<pre>cUGCall_Components cUGCall_InvokeComp { invokeID 1, operation_value localValue 2, argument { oARequested cpa_oarg, cUGIndex PX_CUG_Index } }</pre>	
Detailed Comments :	

ASN.1 Type Constraint Declaration	
Constraint Name	: CUG_Inv1 (cpa_oarg:BOOLEAN)
ASN1 Type	: Component
Derivation Path	:
Encoding Variation	:
Comments	: ASN1_ENCODING: BER Send Component
Constraint Value	
<pre> cUGCall_Components cUGCall_InvokeComp { invokeID 1, operation_value localValue 2, argument { oARequested cpa_oarg, cUGIndex OMIT } } </pre>	
Detailed Comments :	

ASN.1 Type Constraint Declaration	
Constraint Name	: CUG_Inv_R
ASN1 Type	: Component
Derivation Path	:
Encoding Variation	:
Comments	: ASN1_ENCODING: BER Send Component
Constraint Value	
<pre> cUGCall_Components cUGCall_InvokeComp { invokeID ?, operation_value localValue 2, argument { oARequested *, cUGIndex * } } </pre>	
Detailed Comments :	

ASN.1 Type Constraint Declaration	
Constraint Name	: CUG_Re (INV_ID: InvokeIDType; cpa_error: INTEGER)
ASN1 Type	: Component
Derivation Path	:
Encoding Variation	:
Comments	: ASN1_ENCODING: BER Send Component
Constraint Value	
<pre> cUGCall_Components cUGCall_ReturnErrorComp { invokeID INV_ID, error localValue cpa_error } </pre>	
Detailed Comments :	

ASN.1 Type Constraint Declaration	
Constraint Name	: UUSinv1(PREF_REQ : BOOLEAN)
ASN1 Type	: Component
Derivation Path	:
Encoding Variation	:
Comments	: ASN1_Encoding: BER Send Component: UUS invoke component, with the service number and preferred/required value given as parameter.
Constraint Value	
<pre> userUserService_Components userUserService_InvokeComp { invokeID 1, operation_value localValue 1, argument { service service1, preferred PREF_REQ } } </pre>	
Detailed Comments :	

ASN.1 Type Constraint Declaration	
Constraint Name	: UUSinv2 (PREF_REQ : BOOLEAN)
ASN1 Type	: Component
Derivation Path	:
Encoding Variation	:
Comments	: ASN1_Encoding: BER Receive Component: UUS invoke component, with the preferred/required value given as parameter.
Constraint Value	
<pre> userUserService_Components userUserService_InvokeComp { invokeID ?, operation_value localValue 1, argument { service service1, preferred PREF_REQ } } </pre>	
Detailed Comments :	

ASN.1 Type Constraint Declaration	
Constraint Name	: UUSrr(INV_ID : InvokeIDType)
ASN1 Type	: Component
Derivation Path	:
Encoding Variation	:
Comments	: ASN1_Encoding: BER Receive Component: UUS return result component.
Constraint Value	
<pre> userUserService_Components userUserService_ReturnResultComp { invokeID INV_ID -- the invoke identifier } </pre>	
Detailed Comments :	

ASN.1 Type Constraint Declaration	
Constraint Name	: UUSre(INV_ID : InvokeIDType; ERROR_VAL: INTEGER)
ASN1 Type	: Component
Derivation Path	:
Encoding Variation	:
Comments	: ASN1_Encoding: BER Receive Component: UUS return error component
Constraint Value	
<pre>userUserService_Components userUserService_ReturnErrorComp {invokeID INV_ID, -- the invoke identifier error localValue ERROR_VAL }</pre>	
Detailed Comments	:

ASP Constraint Declaration		
Constraint Name : IrI (PARAM:IAM_PDU_R) ASP Type : IAM_IND Derivation Path : Comments : ASP to transfer ISUP IAM PDU		
Parameter Name	Parameter Value	Comments
SIO isup_pdu	ISUP_SIO(PXP_NI_R) PARAM	
Detailed Comments :		

ASP Constraint Declaration		
Constraint Name : TrI (PARAM:PDU) ASP Type : TRANSFER_IND Derivation Path : Comments : ASP to transfer ISUP PDU		
Parameter Name	Parameter Value	Comments
SIO isup_pdu	ISUP_SIO(PXP_NI_R) PARAM	
Detailed Comments :		

ASP Constraint Declaration		
Constraint Name : TrR (PARAM:PDU) ASP Type : TRANSFER_REQ Derivation Path : Comments :		
Parameter Name	Parameter Value	Comments
SIO isup_pdu	ISUP_SIO(PXP_NI_R) PARAM	
Detailed Comments :		

ASP Constraint Declaration		
Constraint Name : Mr (PARAM: PDU) ASP Type : DL_DAT_IN Derivation Path : Comments : ASP to indicate the receipt of layer 3 messages.		
Parameter Name	Parameter Value	Comments
mun	PARAM	PDU to be received
Detailed Comments :		

ASP Constraint Declaration		
Constraint Name : Ms(PARAM: PDU) ASP Type : DL_DAT_RQ Derivation Path : Comments : ASP to request the sending of layer 3 messages.		
Parameter Name	Parameter Value	Comments
mun	PARAM	PDU to be sent
Detailed Comments :		

ASP Constraint Declaration		
Constraint Name : SBr(PARAM: SETUP_PDU) ASP Type : DL_UDAT_IN_SETUP Derivation Path : Comments : ASP to indicate the receipt of SETUP messages via the broadcast data link.		
Parameter Name	Parameter Value	Comments
mun	PARAM	SETUP to be received
Detailed Comments :		

ASP Constraint Declaration		
Constraint Name : Sr(PARAM: SETUP_PDU) ASP Type : DL_DAT_IN_SETUP Derivation Path : Comments : ASP to indicate the receipt of SETUP messages.		
Parameter Name	Parameter Value	Comments
mun	PARAM	SETUP to be received
Detailed Comments :		

ASP Constraint Declaration		
Constraint Name : RSr(PARAM: RESTART_PDU) ASP Type : DL_DAT_IN_RESTART Derivation Path : Comments : ASP to indicate the receipt of RESTART messages.		
Parameter Name	Parameter Value	Comments
mun	PARAM	RESTART to be received
Detailed Comments :		

PDU Constraint Declaration			
Constraint Name : P_ACM_R(CICnr: BITSTRING) PDU Type : ACM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : ACM with don't care values			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_ACM		
BCI	P_BCI_m_R		
opt_part_ptr	?		CHANGE /3/ 9.3.99 /TJS
OBCI	P_OBCI_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
Cause	P_Cause_m_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	*		CHANGE /9/ TJS
ATP_PI	*		
ATP_HLC	*		
ATP_LLC	*		
ATP_PIBC	*		
ATP_BCPI	*		
ATP_PIHLC	*		
ATP_HLCPI	*		
GenNot	P_GenNot_R IF_PRESENT		
TMU	P_TMU_R IF_PRESENT		
EchoInf	P_EchoInf_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CDInf	P_CDInf_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
ServAct	P_ServAct_R IF_PRESENT		@
RnNbRes	P_RnNbRes_R IF_PRESENT		
CCNRPos	P_CCNRPos_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
EndOP	'00'O IF_PRESENT		
Detailed Comments : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
Constraint Name : P_ACM_R12(CICnr: BITSTRING) PDU Type : ACM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : ACM containing BCI with: Called Party's Status (CPS) indicator: " no indication (00)", Called party's category indicator: "no indication(00)" or "ordinary subscriber(01)" or "payphone(10)", interworking indicator: "no interworking encountered (0)", ISUP indicator: "ISUP used all the way", ISDN access indicator set to "ISDN"			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_ACM		
BCI	P_BCI_m_R7		
opt_part_ptr	?		CHANGE /3/ 9.3.99 /TJS
OBCI	P_OBCI_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
Cause	P_Cause_m_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	*		CHANGE /9/ TJS
ATP_PI	*		
ATP_HLC	*		
ATP_LLC	*		
ATP_PIBC	*		
ATP_BCPI	*		
ATP_PIHLC	*		
ATP_HLCPI	*		
GenNot	P_GenNot_R IF_PRESENT		
TMU	P_TMU_R IF_PRESENT		
EchoInf	P_EchoInf_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CDInf	P_CDInf_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
ServAct	P_ServAct_R IF_PRESENT		@
RnNbRes	P_RnNbRes_R IF_PRESENT		
CCNRPos	P_CCNRPoS_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
EndOP	'00'O IF_PRESENT		
Detailed Comments : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
Constraint Name : P_ACM_R_UUS(CICnr: BITSTRING; UUI_VAL: user_to_user_information) PDU Type : ACM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : ACM containing Called party's status indicator "subscriber free" User-to-user information parameter: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_ACM		
BCI	P_BCI_m_R2		
opt_part_ptr	?		CHANGE /3/ 9.3.99 /TJS
OBCI	P_OBCI_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
Cause	P_Cause_m_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
UUIVal	UUI_VAL		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	*		CHANGE /9/ TJS
ATP_PI	*		
ATP_HLC	*		
ATP_LLC	*		
ATP_PIBC	*		
ATP_BCPI	*		
ATP_PIHLC	*		
ATP_HLCPI	*		
GenNot	P_GenNot_R IF_PRESENT		
TMU	P_TMU_R IF_PRESENT		
EchoInf	P_EchoInf_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CDInf	P_CDInf_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
ServAct	P_ServAct_R IF_PRESENT		@
RnNbRes	P_RnNbRes_R IF_PRESENT		
CCNRPos	P_CCNRPos_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
EndOP	'00'O		
Detailed Comments : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
Constraint Name : P_ACM_R_UUS_UII(CICnr, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : ACM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : ACM containing Called party's status indicator "subscriber free" User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_ACM		
BCI	P_BCI_m_R2		
opt_part_ptr	?		CHANGE /3/ 9.3.99 /TJS
OBCI	P_OBCI_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
Cause	P_Cause_m_R IF_PRESENT		
UUInd	P_UUInd_R1(TYPE, SERVICE1)		
UUInf	UII_VAL		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	*		CHANGE /9/ TJS
ATP_PI	*		
ATP_HLC	*		
ATP_LLC	*		
ATP_PIBC	*		
ATP_BCPI	*		
ATP_PIHLC	*		
ATP_HLCPI	*		
GenNot	P_GenNot_R IF_PRESENT		
TMU	P_TMU_R IF_PRESENT		
EchoInf	P_EchoInf_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CDInf	P_CDInf_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
ServAct	P_ServAct_R IF_PRESENT		@
RnNbRes	P_RnNbRes_R IF_PRESENT		
CCNRPos	P_CCNRPos_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
EndOP	'00'O		
Detailed Comments : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
Constraint Name : P_ACM_S(CICnr: BITSTRING)			
PDU Type : ACM_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /9/ TJS
CICode	P_CIC_R_S(CICnr)		
MType	MT_ACM		
BCI	P_BCI_m_S1		
opt_part_ptr	'00'O		
OBCI	-		
CRef	-		
Cause	-		
UUInd	-		
UUInf	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
GenNot	-		
TMU	-		
EchoInf	-		
ADInf	-		
RnNb	-		
ParCmp	-		
CDInf	-		
NtwFac	-		
RemOp	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
EndOP	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_ACM_S2(CICnr,cpa_cdpsi,cpa_isupi,cpa_isdnai,cpa_obci: BITSTRING) PDU Type : ACM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : ACM message with the following parameter: CPS ind: parameter ISUP ind: parameter ISDN access ind: parameter OBCI inband inf: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CIcode	P_CIC_R_S(CICnr)		
MType	MT_ACM		
BCI	P_BCI_m_S2(cpa_cdpsi,cpa_isupi,cpa_isdnai)		
opt_part_ptr	'01'O		
OBCI	P_OBCI_S(cpa_obci)		
CRef	-		
Cause	-		
UUInd	-		
UUInf	-		
ATP	-		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
GenNot	-		
TMU	-		
EchoInf	-		
ADInf	-		
RnNb	-		
ParCmp	-		
CDInf	-		
NtwFac	-		
RemOp	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_ACM_S_UUS(CICnr: BITSTRING; UII_VAL: user_to_user_information)			
PDU Type : ACM_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : ACM message with the following parameter: CPS ind: subscriber free ISUP ind: ISUP is used all the way ISDN access ind: ISDN OBCI inband inf: no User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /9/ TJS
CICode	P_CIC_R_S(CICnr)		
MType	MT_ACM		
BCI	P_BCI_m_S2('01'B,'1'B,'1'B)		
opt_part_ptr	'01'O		
OBCI	P_OBCI_S('0'B)		
CRef	-		
Cause	-		
UUInd	-		
UUInf	UII_VAL		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
GenNot	-		
TMU	-		
EchoInf	-		
ADInf	-		
RnNb	-		
ParCmp	-		
CDInf	-		
NtwFac	-		
RemOp	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_ACM_S_UUS_UII(CICnr, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : ACM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : ACM message with the following parameter: CPS ind: subscriber free ISUP ind: ISUP is used all the way ISDN access ind: ISDN OBCI inband inf: no User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_ACM		
BCI	P_BCI_m_S2('01'B,'1'B,'1'B)		
opt_part_ptr	'01'O		
OBCI	P_OBCI_S('0'B)		
CRef	-		
Cause	-		
UUInd	P_UUInd_S1(TYPE, SERVICE1)		
UUInf	UII_VAL		
ATP	-		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
GenNot	-		
TMU	-		
EchoInf	-		
ADInf	-		
RnNb	-		
ParCmp	-		
CDInf	-		
NtwFac	-		
RemOp	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_ANM_R(CICnr: BITSTRING) PDU Type : ANM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU with don't care value			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CiCode	P_CIC_R_S(CICnr)		
MType	MT_ANM		
opt_part_ptr	?		
BCI	P_BCI_o_R IF_PRESENT		
OBCI	P_OBCI_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
UUInd	P_UUInd_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
ADInf	P_ADInf_R IF_PRESENT		
GenNot	P_GenNot_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CHInf	P_CHInf_R IF_PRESENT		
GenNb	P_GenNb_R IF_PRESENT		
TMU	P_TMU_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
RnNb	P_RnNb_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
EchoInf	P_EchoInf_R IF_PRESENT		
RnNbRes	P_RnNbRes_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
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			
Constraint Name : P_ANM_R_UUS(CICnr: BITSTRING; UUI_VAL: user_to_user_information) PDU Type : ANM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : ANM message with the following parameter: User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_ANM		
opt_part_ptr	?		
BCI	P_BCI_o_R IF_PRESENT		
OBCI	P_OBCI_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
UUInd	P_UUInd_R IF_PRESENT		
UUInf	UUI_VAL		
ConNb	P_ConNb_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
ADInf	P_ADInf_R IF_PRESENT		
GenNot	P_GenNot_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CHInf	P_CHInf_R IF_PRESENT		
GenNb	P_GenNb_R IF_PRESENT		
TMU	P_TMU_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
RnNb	P_RnNb_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
EchoInf	P_EchoInf_R IF_PRESENT		
RnNbRes	P_RnNbRes_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
EndOP	'00'O		
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			
Constraint Name : P_ANM_R_UUS_UII(CICnr, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : ANM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : ANM message with the following parameter: User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_ANM		
opt_part_ptr	?		
BCI	P_BCI_o_R IF_PRESENT		
OBCI	P_OBCI_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
UUInd	P_UUInd_R1(TYPE, SERVICE1)		
UUInf	UII_VAL		
ConNb	P_ConNb_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
ADInf	P_ADInf_R IF_PRESENT		
GenNot	P_GenNot_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CHInf	P_CHInf_R IF_PRESENT		
GenNb	P_GenNb_R IF_PRESENT		
TMU	P_TMU_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
RnNb	P_RnNb_R IF_PRESENT		@
ServAct	P_ServAct_R IF_PRESENT		@
EchoInf	P_EchoInf_R IF_PRESENT		
RnNbRes	P_RnNbRes_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
EndOP	'00'O		
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			
Constraint Name : P_ANM_S(CICnr: BITSTRING)			
PDU Type : ANM_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /9/ TJS
CICode	P_CIC_R_S(CICnr)		
MType	MT_ANM		
opt_part_ptr	'00'O		
BCI	-		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	-		
ConNb	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
ADInf	-		
GenNot	-		
ParCmp	-		
CHInf	-		
GenNb	-		
TMU	-		
NtwFac	-		
RemOp	-		
RnNb	-		
ServAct	-		
EchoInf	-		
RnNbRes	-		
NatPar	-		
EndOP	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_ANM_S_UUS(CICnr: BITSTRING; UII_VAL: user_to_user_information) PDU Type : ANM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : ANM message with the following parameter: User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_ANM		
opt_part_ptr	'01'O		
BCI	-		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	UII_VAL		
ConNb	-		
ATP	-		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
ADInf	-		
GenNot	-		
ParCmp	-		
CHInf	-		
GenNb	-		
TMU	-		
NtwFac	-		
RemOp	-		
RnNb	-		
ServAct	-		
EchoInf	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_ANM_S_UUS_UII(CICnr, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : ANM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : ANM message with the following parameter: User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_ANM		
opt_part_ptr	'01'O		
BCI	-		
OBCI	-		
CRef	-		
UUInd	P_UUInd_S1(TYPE, SERVICE1)		
UUInf	UII_VAL		
ConNb	-		
ATP	-		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
ADInf	-		
GenNot	-		
ParCmp	-		
CHInf	-		
GenNb	-		
TMU	-		
NtwFac	-		
RemOp	-		
RnNb	-		
ServAct	-		
EchoInf	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_BLA_R(CICnr: BITSTRING) PDU Type : BLA_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CHANGE / 2.3 / 10.2-99 / KP			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_BLA		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_BLA_S(CICnr: BITSTRING) PDU Type : BLA_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CHANGE / 2.3 / 10.2-99 / KP			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_BLA		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_BLO_R(CICnr: BITSTRING) PDU Type : BLO_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CHANGE / 2.3 / 10.2-99 / KP			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_BLO		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_BLO_S(CICnr: BITSTRING)			
PDU Type : BLO_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : CHANGE / 2.3 / 10.2-99 / KP			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CIcode	P_CIC_R_S(CICnr)		
MType	MT_BLO		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_CON_R_UUS(CICnr: BITSTRING; UII_VAL: user_to_user_information) PDU Type : CON_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CON message with the following parameter: User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_CON		
BCI	P_BCI_m_R IF_PRESENT		
opt_part_ptr	?		
OBCI	P_OBCI_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
UUInd	P_UUInd_R IF_PRESENT		
UIIVal	UII_VAL		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
NtwFac	P_NtwFac_R IF_PRESENT		@
GenNot	P_GenNot_R IF_PRESENT		
RemOp	P_RemOp_R IF_PRESENT		@
TMU	P_TMU_R IF_PRESENT		
EchoInf	P_EchoInf_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
CHInf	P_CHInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
GenNb	P_GenNb_R IF_PRESENT		
RnNbRes	P_RnNbRes_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
EndOP	'00'O		
Detailed Comments : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
Constraint Name : P_CON_R_UUS_UII(CICnr, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : CON_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CON message with the following parameter: User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_CON		
BCI	P_BCI_m_R IF_PRESENT		
opt_part_ptr	?		
OBCI	P_OBCI_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
UUInd	P_UUInd_R1(TYPE, SERVICE1)		
UIIInf	UII_VAL		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
NtwFac	P_NtwFac_R IF_PRESENT		@
GenNot	P_GenNot_R IF_PRESENT		
RemOp	P_RemOp_R IF_PRESENT		@
TMU	P_TMU_R IF_PRESENT		
EchoInf	P_EchoInf_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
CHInf	P_CHInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
GenNb	P_GenNb_R IF_PRESENT		
RnNbRes	P_RnNbRes_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
EndOP	'00'O		
Detailed Comments : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
Constraint Name : P_CON_S1(CICnr: BITSTRING) PDU Type : CON_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Connect message with a BCI parameter containing a CPS indicator set to "subscriber free" and a ISDN acces set to "ISDN"			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_CON		
BCI	P_BCI_m_S2('01'B,'1'B,'1'B)		
opt_part_ptr	'00'O		
OBCI	-		
ConNb	-		
CRef	-		
UUInd	-		
UUInf	-		
ATP	-		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
NtwFac	-		
GenNot	-		
RemOp	-		
TMU	-		
EchoInf	-		
ADInf	-		
CHInf	-		
ParCmp	-		
RnNb	-		
ServAct	-		
GenNb	-		
RnNbRes	-		
NatPar	-		
EndOP	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_CON_S_UUS(CICnr: BITSTRING; UUI_VAL: user_to_user_information)			
PDU Type : CON_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : CON message with the following parameter: CPS ind: subscriber free ISDN access ind: ISDN User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /9/ TJS
CICode	P_CIC_R_S(CICnr)		
MType	MT_CON		
BCI	P_BCI_m_S2('01'B,'1'B,'1'B)		
opt_part_ptr	'01'O		
OBCI	-		
ConNb	-		
CRef	-		
UUInd	-		
UUInf	UUI_VAL		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
NtwFac	-		
GenNot	-		
RemOp	-		
TMU	-		
EchoInf	-		
ADInf	-		
CHInf	-		
ParCmp	-		
RnNb	-		
ServAct	-		
GenNb	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_CON_S_UUS_UII(CICnr, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : CON_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CON message with the following parameter: CPS ind: subscriber free ISDN access ind: ISDN User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_CON		
BCI	P_BCI_m_S2('01'B, '1'B, '1'B)		
opt_part_ptr	'01'O		
OBCI	-		
ConNb	-		
CRef	-		
UUInd	P_UUInd_S1(TYPE, SERVICE1)		
UUInf	UII_VAL		
ATP	-		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
NtwFac	-		
GenNot	-		
RemOp	-		
TMU	-		
EchoInf	-		
ADInf	-		
CHInf	-		
ParCmp	-		
RnNb	-		
ServAct	-		
GenNb	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_CPG_R1(CICnr: BITSTRING; cpa_eventi:INTEGER) PDU Type : CPG_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CPG message with event information as parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_R1(cpa_eventi)		
opt_part_ptr	?		
Cause	P_Cause_o_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
BCI	P_BCI_o_R IF_PRESENT		
OBCI	P_OBCI_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	P_UUInd_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
GenNot	P_GenNot_R IF_PRESENT		
GenNot2	-		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
TMU	P_TMU_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CDInf	P_CDInf_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
RnNbRes	P_RnNbRes_R IF_PRESENT		
CCNRPos	P_CCNRPos_R IF_PRESENT		
NatPar	P_National_R 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			
Constraint Name : P_CPG_R_NOT(CICnr: BITSTRING; cpa_gennot : generic_notification_indicator) PDU Type : CPG_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CPG with the generic notification parameter as parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_R1(2)		
opt_part_ptr	?		
Cause	P_Cause_o_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
BCI	P_BCI_o_R IF_PRESENT		
OBCI	P_OBCI_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	P_UUInd_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
GenNot	cpa_gennot		
GenNot2	-		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
TMU	P_TMU_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CDInf	P_CDInf_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
RnNbRes	P_RnNbRes_R IF_PRESENT		
CCNRPos	P_CCNRPos_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
Unknown	-		
EndOP	'00'O		
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			
Constraint Name : P_CPG_R_2NOT(CICnr: BITSTRING; cpa_gennot, cpa_gennot2 : generic_notification_indicator) PDU Type : CPG_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CPG with two generic notification parameters as parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_R1(2)		
opt_part_ptr	?		
Cause	P_Cause_o_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
BCI	P_BCI_o_R IF_PRESENT		
OBCI	P_OBCI_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	P_UUInd_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
GenNot	cpa_gennot		
GenNot2	cpa_gennot2		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
TMU	P_TMU_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CDInf	P_CDInf_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
RnNbRes	P_RnNbRes_R IF_PRESENT		
CCNRPos	P_CCNRPos_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
Unknown	-		
EndOP	'00'O		
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			
Constraint Name : P_CPG_R_UUS(CICnr: BITSTRING; UUI_VAL: user_to_user_information) PDU Type : CPG_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CPG message with event information "ALERTING" User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_R1(1)		
opt_part_ptr	?		
Cause	P_Cause_o_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
BCI	P_BCI_o_R IF_PRESENT		
OBCI	P_OBCI_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	P_UUInd_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
UUIInf	UUI_VAL		
GenNot	P_GenNot_R IF_PRESENT		
GenNot2	-		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
TMU	P_TMU_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CDInf	P_CDInf_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
RnNbRes	P_RnNbRes_R IF_PRESENT		
CCNRPos	P_CCNRPos_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
Unknown	-		
EndOP	'00'O		
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			
Constraint Name : P_CPG_R_UUS_UII(CICnr, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : CPG_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CPG message with event information "ALERTING" User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_R1(1)		
opt_part_ptr	?		
Cause	P_Cause_o_R IF_PRESENT		
CRef	P_CRef_R IF_PRESENT		@
BCI	P_BCI_o_R IF_PRESENT		
OBCI	P_OBCI_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	P_UUInd_R1(TYPE, SERVICE1)		
RnNb	P_RnNb_R IF_PRESENT		
UUInf	UII_VAL		
GenNot	P_GenNot_R IF_PRESENT		
GenNot2	-		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
TMU	P_TMU_R IF_PRESENT		
ADInf	P_ADInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
CDInf	P_CDInf_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
RnNbRes	P_RnNbRes_R IF_PRESENT		
CCNRPos	P_CCNRPos_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
Unknown	-		
EndOP	'00'0		
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			
Constraint Name : P_CPG_S(CICnr: BITSTRING; cpa_eventi: INTEGER)			
PDU Type : CPG_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : CPG with the event information parameter event indication as parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /9/ TJS
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_S(cpa_eventi)		
opt_part_ptr	'00'O		
Cause	-		
CRef	-		
BCI	-		
OBCI	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
GenNot2	-		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_CPG_S_NOT(CICnr: BITSTRING; cpa_gennot : generic_notification_indicator)			
PDU Type : CPG_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : CPG with the generic notification parameter as parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /9/ TJS
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_S(2)		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	-		
OBCI	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	cpa_gennot		
GenNot2	-		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_CPG_S_2NOT(CICnr: BITSTRING; cpa_gennot, cpa_gennot2 : generic_notification_indicator) PDU Type : CPG_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CPG with two generic notification parameters as parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_S(2)		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	-		
OBCI	-		
ATP	-		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	cpa_gennot		
GenNot2	cpa_gennot2		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_CPG_S_UUS(CICnr: BITSTRING; UUI_VAL: user_to_user_information)			
PDU Type : CPG_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : CPG with event indicator: ALERTING User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /9/ TJS
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_S(1)		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	-		
OBCI	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	-		
RnNb	-		
UUInf	UUI_VAL		
GenNot	-		
GenNot2	-		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_CPG_S_UUS_UII(CICnr, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information)			
PDU Type : CPG_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : CPG with event indicator: ALERTING User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /9/ TJS
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_S(1)		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	-		
OBCI	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	P_UUInd_S1(TYPE, SERVICE1)		
RnNb	-		
UUInf	UII_VAL		
GenNot	-		
GenNot2	-		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_IAM_R PDU Type : IAM_PDU_R Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_iam_R		
MType	MT_IAM		
NatCon	P_NatCon_R		
FCI	P_FCI_base_R		
CgPC	P_CgPC_m_R		
TMR	?		
var_part_ptr	'02'O		
opt_part_ptr	?		
CdPN	P_CdPN_R		
TNtwSel	P_TNtwSel_R IF_PRESENT		@
CRef	P_CRef_R IF_PRESENT		@
CgPN	P_CgPN_R IF_PRESENT		
OFCI	P_OFCI_R IF_PRESENT		
RgNb	P_RgNb_R IF_PRESENT		
RnInf	P_RnInf_R IF_PRESENT		
CUGIC	P_CUGIC_R IF_PRESENT		
ConRq	P_ConRq_R IF_PRESENT		
OriCdNb	P_OriCdNb_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
ATP_HLC_BC	-		
ATP_BC_HLC	-		
USI	P_USI_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
GenNb	P_GenNb_R IF_PRESENT		
PDC	P_PDC_R IF_PRESENT		
USIp	P_USIp_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
GenDig	P_GenDig_R IF_PRESENT		@
OriISC	P_OriISC_R IF_PRESENT		
UTI	P_UTI_R IF_PRESENT		
RemOp	P_RemOp_R IF_PRESENT		@
ParCmp	P_ParCmp_R IF_PRESENT		
GenNot	P_GenNot_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
GenRef	P_GenRef_R IF_PRESENT		
MLPPpre	P_MLPPpre_R IF_PRESENT		
TMRp	P_TMRp_R IF_PRESENT		
LocNb	P_LocNb_R IF_PRESENT		
CCSScall	P_CCSScall_R IF_PRESENT		
NatPar	P_National_R 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.			

PDU Constraint Declaration			
Constraint Name : P_IAM_R1_CUG PDU Type : IAM_PDU_R Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_iam_R		
MType	MT_IAM		
NatCon	P_NatCon_R		
FCI	P_FCI_base_R		
CgPC	P_CgPC_m_R		
TMR	?		
var_part_ptr	'02'O		
opt_part_ptr	?		
CdPN	P_CdPN_R		
TNtwSel	P_TNtwSel_R IF_PRESENT		@
CRef	P_CRef_R IF_PRESENT		@
CgPN	P_CgPN_R IF_PRESENT		
OFCI	P_OFCI_R1_CUG		
RgNb	P_RgNb_R IF_PRESENT		
RnInf	P_RnInf_R IF_PRESENT		
CUGIC	P_CUGIC_RS1		
ConRq	P_ConRq_R IF_PRESENT		
OriCdNb	P_OriCdNb_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
ATP_HLC_BC	-		
ATP_BC_HLC	-		
USI	P_USI_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
GenNb	P_GenNb_R IF_PRESENT		
PDC	P_PDC_R IF_PRESENT		
USIp	P_USIp_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
GenDig	P_GenDig_R IF_PRESENT		@
OriISC	P_OriISC_R IF_PRESENT		
UTI	P_UTI_R IF_PRESENT		
RemOp	P_RemOp_R IF_PRESENT		@
ParCmp	P_ParCmp_R IF_PRESENT		
GenNot	P_GenNot_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
GenRef	P_GenRef_R IF_PRESENT		
MLPPpre	P_MLPPpre_R IF_PRESENT		
TMRp	P_TMRp_R IF_PRESENT		
LocNb	P_LocNb_R IF_PRESENT		
CCSScall	P_CCSScall_R IF_PRESENT		
NatPar	P_National_R 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.			

PDU Constraint Declaration			
Constraint Name : P_IAM_R2_CUG PDU Type : IAM_PDU_R Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_iam_R		
MType	MT_IAM		
NatCon	P_NatCon_R		
FCI	P_FCI_base_R		
CgPC	P_CgPC_m_R		
TMR	?		
var_part_ptr	'02'O		
opt_part_ptr	?		
CdPN	P_CdPN_R		
TNtwSel	P_TNtwSel_R IF_PRESENT		@
CRef	P_CRef_R IF_PRESENT		@
CgPN	P_CgPN_R IF_PRESENT		
OFCI	P_OFCI_R2_CUG IF_PRESENT		
RgNb	P_RgNb_R IF_PRESENT		
RnInf	P_RnInf_R IF_PRESENT		
CUGIC	-		
ConRq	P_ConRq_R IF_PRESENT		
OriCdNb	P_OriCdNb_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
ATP_HLC_BC	-		
ATP_BC_HLC	-		
USI	P_USI_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
GenNb	P_GenNb_R IF_PRESENT		
PDC	P_PDC_R IF_PRESENT		
USIp	P_USIp_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
GenDig	P_GenDig_R IF_PRESENT		@
OriISC	P_OriISC_R IF_PRESENT		
UTI	P_UTI_R IF_PRESENT		
RemOp	P_RemOp_R IF_PRESENT		@
ParCmp	P_ParCmp_R IF_PRESENT		
GenNot	P_GenNot_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
GenRef	P_GenRef_R IF_PRESENT		
MLPPpre	P_MLPPpre_R IF_PRESENT		
TMRp	P_TMRp_R IF_PRESENT		
LocNb	P_LocNb_R IF_PRESENT		
CCSScall	P_CCSScall_R IF_PRESENT		
NatPar	P_National_R 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.			

PDU Constraint Declaration			
Constraint Name : P_IAM_R_UUS(UUI_VAL: user_to_user_information) PDU Type : IAM_PDU_R Derivation Path : Encoding Rule Name : Encoding Variation : Comments : IAM message with the following parameter: User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_iam_R		
MType	MT_IAM		
NatCon	P_NatCon_R		
FCI	P_FCI_base_R		
CgPC	P_CgPC_m_R		
TMR	?		
var_part_ptr	'02'O		
opt_part_ptr	?		
CdPN	P_CdPN_R		
TNtwSel	P_TNtwSel_R IF_PRESENT		@
CRef	P_CRef_R IF_PRESENT		@
CgPN	P_CgPN_R IF_PRESENT		
OFCI	P_OFCI_R IF_PRESENT		
RgNb	P_RgNb_R IF_PRESENT		
RnInf	P_RnInf_R IF_PRESENT		
CUGIC	P_CUGIC_R IF_PRESENT		
ConRq	P_ConRq_R IF_PRESENT		
OriCdNb	P_OriCdNb_R IF_PRESENT		
UUIInf	UUI_VAL		
ATP	P_ATP_R IF_PRESENT		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
ATP_HLC_BC	-		
ATP_BC_HLC	-		
USI	P_USI_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
GenNb	P_GenNb_R IF_PRESENT		
PDC	P_PDC_R IF_PRESENT		
USIp	P_USIp_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
GenDig	P_GenDig_R IF_PRESENT		@
OriISC	P_OriISC_R IF_PRESENT		
UTI	P_UTI_R IF_PRESENT		
RemOp	P_RemOp_R IF_PRESENT		@
ParCmp	P_ParCmp_R IF_PRESENT		
GenNot	P_GenNot_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
GenRef	P_GenRef_R IF_PRESENT		
MLPPpre	P_MLPPpre_R IF_PRESENT		
TMRp	P_TMRp_R IF_PRESENT		
LocNb	P_LocNb_R IF_PRESENT		
CCSScall	P_CCSScall_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
Unknown	-		
EndOP	'00'O		
Detailed Comments : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
Constraint Name : P_IAM_R_UUS_UII(ipi, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : IAM_PDU_R Derivation Path : Encoding Rule Name : Encoding Variation : Comments : IAM message with the following parameter: User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_iam_R		
MType	MT_IAM		
NatCon	P_NatCon_R		
FCI	P_FCI_R2(ipi)		
CgPC	P_CgPC_m_R		
TMR	?		
var_part_ptr	'02'O		
opt_part_ptr	?		
CdPN	P_CdPN_R		
TNtwSel	P_TNtwSel_R IF_PRESENT		@
CRef	P_CRef_R IF_PRESENT		@
CgPN	P_CgPN_R IF_PRESENT		
OFCI	P_OFCI_R IF_PRESENT		
RgNb	P_RgNb_R IF_PRESENT		
RnInf	P_RnInf_R IF_PRESENT		
CUGIC	P_CUGIC_R IF_PRESENT		
ConRq	P_ConRq_R IF_PRESENT		
OriCdNb	P_OriCdNb_R IF_PRESENT		
UUIinf	UUI_VAL		
ATP	P_ATP_R IF_PRESENT		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
ATP_HLC_BC	-		
ATP_BC_HLC	-		
USI	P_USI_R IF_PRESENT		
UUIInd	P_UUIInd_R1(TYPE, SERVICE1)		
GenNb	P_GenNb_R IF_PRESENT		
PDC	P_PDC_R IF_PRESENT		
USIp	P_USIp_R IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
GenDig	P_GenDig_R IF_PRESENT		@
OriISC	P_OriISC_R IF_PRESENT		
UTI	P_UTI_R IF_PRESENT		
RemOp	P_RemOp_R IF_PRESENT		@
ParCmp	P_ParCmp_R IF_PRESENT		
GenNot	P_GenNot_R IF_PRESENT		
ServAct	P_ServAct_R IF_PRESENT		@
GenRef	P_GenRef_R IF_PRESENT		
MLPPpre	P_MLPPpre_R IF_PRESENT		
TMRp	P_TMRp_R IF_PRESENT		
LocNb	P_LocNb_R IF_PRESENT		
CCSScall	P_CCSScall_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
Unknown	-		

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PDU Constraint Declaration			
Field Name	Field Value	Field Encoding	Comments
EndOP	'00'O		
Detailed Comments : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
Constraint Name : P_IAM_S PDU Type : IAM_PDU_S Derivation Path : Encoding Rule Name : Encoding Variation : Comments : IAM with called party number containing the complete digits and without the end of pulsing signal 'ST'			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(PXP_CIC_S)		
MType	MT_IAM		
NatCon	P_NatCon_S('00'B)		
FCI	P_FCI_S('1'B,'1'B)		
CgPC	P_CgPC_m_RS		
TMR	PXP_TMR		
var_part_ptr	'02'O		
opt_part_ptr	INT_TO_OCTET(OCTET_TO_INT_2(PXP_CDPNL_NO_ST_S),1)		
CdPN	P_CdPN_S(PXP_CDPNL_NO_ST_S,PXP_CDPNV_NO_ST_S)		
TNtwSel	-		
CRef	-		
CgPN	P_CgPN_S		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		
ConRq	-		
OriCdNb	-		
UUInf	-		
ATP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
USI	-		
UUInd	-		
GenNb	-		
PDC	-		
USIp	-		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_IAM_S_TWO PDU Type : IAM_PDU_S Derivation Path : Encoding Rule Name : Encoding Variation : Comments : IAM with called party number containing the complete digits and without the end of pulsing signal 'ST'			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(PXP_CIC_S2)		
MType	MT_IAM		
NatCon	P_NatCon_S('00'B)		
FCI	P_FCI_S('1'B,'1'B)		
CgPC	P_CgPC_m_RS		
TMR	PXP_TMR		
var_part_ptr	'02'O		
opt_part_ptr	INT_TO_OCTET(OCTET_TO_INT_2(PXP_CDPNL_NO_ST_S),1)		
CdPN	P_CdPN_S(PXP_CDPNL_NO_ST_S,PXP_CDPNV_NO_ST_S)		
TNtwSel	-		
CRef	-		
CgPN	P_CgPN_S		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		
ConRq	-		
OriCdNb	-		
UUInf	-		
ATP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
USI	-		
UUInd	-		
GenNb	-		
PDC	-		
USIp	-		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_IAM_S_CUG(cpa_cugi:BITSTRING; cpa_cug:closed_user_group_interlock_code) PDU Type : IAM_PDU_S Derivation Path : Encoding Rule Name : Encoding Variation : Comments : IAM with called party number containing the complete digits and without the end of pulsing signal 'ST'			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(PXP_CIC_S)		
MType	MT_IAM		
NatCon	P_NatCon_S('00'B)		
FCI	P_FCI_S('1'B,'1'B)		
CgPC	P_CgPC_m_RS		
TMR	PXP_TMR		
var_part_ptr	'02'O		
opt_part_ptr	INT_TO_OCTET(OCTET_TO_INT_2(PXP_CDPNL_NO_ST_S),1)		
CdPN	P_CdPN_S(PXP_CDPNL_NO_ST_S, PXP_CDPNV_NO_ST_S)		
TNtwSel	-		
CRef	-		
CgPN	P_CgPN_S		
OFCI	P_OFCI_S_CUG (cpa_cugi)		
RgNb	-		
RnInf	-		
CUGIC	cpa_cug		
ConRq	-		
OriCdNb	-		
UUInf	-		
ATP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
USI	-		
UUInd	-		
GenNb	-		
PDC	-		
USIp	-		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_IAM_S_UUS(UUI_VAL: user_to_user_information) PDU Type : IAM_PDU_S Derivation Path : Encoding Rule Name : Encoding Variation : Comments : IAM with called party number containing the complete digits and without the end of pulsing signal 'ST' User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(PXP_CIC_S)		
MType	MT_IAM		
NatCon	P_NatCon_S('00'B)		
FCI	P_FCI_S('1'B,'1'B)		
CgPC	P_CgPC_m_RS		
TMR	PXP_TMR		
var_part_ptr	'02'O		
opt_part_ptr	INT_TO_OCTET(OCTET_TO_INT_2(PXP_CDPNL_NO_ST_S),1)		
CdPN	P_CdPN_S(PXP_CDPNL_NO_ST_S,PXP_CDPNV_NO_ST_S)		
TNtwSel	-		
CRef	-		
CgPN	P_CgPN_S		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		
ConRq	-		
OriCdNb	-		
UUIInf	UUI_VAL		
ATP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
USI	-		
UUIInd	-		
GenNb	-		
PDC	-		
USIp	-		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_IAM_S_UUS_UII(TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : IAM_PDU_S Derivation Path : Encoding Rule Name : Encoding Variation : Comments : IAM with called party number containing the complete digits and without the end of pulsing signal 'ST' User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(PXP_CIC_S)		
MType	MT_IAM		
NatCon	P_NatCon_S('00'B)		
FCI	P_FCI_S('1'B,'1'B)		
CgPC	P_CgPC_m_RS		
TMR	PXP_TMR		
var_part_ptr	'02'O		
opt_part_ptr	INT_TO_OCTET(OCTET_TO_INT_2 (PXP_CDPNL_NO_ST_S),1)		
CdPN	P_CdPN_S(PXP_CDPNL_NO_ST_S, PXP_CDPNV_NO_ST_S)		
TNtwSel	-		
CRef	-		
CgPN	P_CgPN_S		
OFCI	-		
RgNb	-		
RnInf	-		
CUGIC	-		
ConRq	-		
OriCdNb	-		
UUInf	UII_VAL		
ATP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
USI	-		
UUInd	P_UUInd_S1(TYPE, SERVICE1)		
GenNb	-		
PDC	-		
USIp	-		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_REL_R (CICnr: BITSTRING) PDU Type : REL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_REL		
var_part_ptr	'02'O		
opt_part_ptr	?		
Cause	P_Cause_m_R		
RnInf	P_RnInf_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_PI	-		
SPC	P_SPC_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
ACL	P_ACL_R_S IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
ADInf	P_ADInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
RnNbRes	P_RnNbRes_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
NatPar	P_National_R 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			
Constraint Name : P_REL_R_cau(CICnr: BITSTRING; cpa_cau_val: INTEGER) PDU Type : REL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Release message with the cause value as parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CiCode	P_CIC_R_S(CICnr)		
MType	MT_REL		
var_part_ptr	'02'O		
opt_part_ptr	?		
Cause	P_Cause_m_R1(cpa_cau_val)		
RnInf	P_RnInf_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_PI	-		
SPC	P_SPC_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
ACL	P_ACL_R_S IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
ADInf	P_ADInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
RnNbRes	P_RnNbRes_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
Unknown	-		
EndOP	'00'O IF_PRESENT		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_REL_R_diag (CICnr: BITSTRING; cpa_cau_val: INTEGER; diag_val: OCTETSTRING) PDU Type : REL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_REL		
var_part_ptr	'02'O		
opt_part_ptr	?		
Cause	P_Cause_m_R_diag(cpa_cau_val,diag_val)		
RnInf	P_RnInf_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_PI	-		
SPC	P_SPC_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
ACL	P_ACL_R_S IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
ADInf	P_ADInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
RnNbRes	P_RnNbRes_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
NatPar	P_National_R 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			
Constraint Name : P_REL_R_UUS(CICnr: BITSTRING; UUI_VAL: user_to_user_information) PDU Type : REL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : REL message with the following parameter: User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_REL		
var_part_ptr	'02'O		
opt_part_ptr	?		
Cause	P_Cause_m_R		
RnInf	P_RnInf_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_PI	-		
SPC	P_SPC_R IF_PRESENT		
UUIInf	UUI_VAL		
ACL	P_ACL_R_S IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
ADInf	P_ADInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
RnNbRes	P_RnNbRes_R IF_PRESENT		
UUInd	P_UUInd_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
Unknown	-		
EndOP	'00'O		
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			
Constraint Name : P_REL_R_UUS_UII(CICnr, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : REL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : REL message with the following parameter: User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_REL		
var_part_ptr	'02'O		
opt_part_ptr	?		
Cause	P_Cause_m_R		
RnInf	P_RnInf_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
ATP	P_ATP_R IF_PRESENT		
ATP_PI	-		
SPC	P_SPC_R IF_PRESENT		
UUInf	UII_VAL		
ACL	P_ACL_R_S IF_PRESENT		
NtwFac	P_NtwFac_R IF_PRESENT		@
ADInf	P_ADInf_R IF_PRESENT		
ParCmp	P_ParCmp_R IF_PRESENT		
RnNbRes	P_RnNbRes_R IF_PRESENT		
UUInd	P_UUInd_R1(TYPE, SERVICE1)		
NatPar	P_National_R IF_PRESENT		
Unknown	-		
EndOP	'00'O		
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			
Constraint Name : P_REL_S(CICnr: BITSTRING) PDU Type : REL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CiCode	P_CIC_R_S(CICnr)		
MType	MT_REL		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
Cause	P_Cause_m_S		
RnInf	-		
RnNb	-		
ATP	-		
ATP_PI	-		
SPC	-		
UUInf	-		
ACL	-		
NtwFac	-		
ADInf	-		
ParCmp	-		
RnNbRes	-		
UUInd	-		
NatPar	-		
Unknown	-		
EndOP	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_REL_S1(CICnr, cpa_cau_loc, cpa_cau_val: BITSTRING) PDU Type : REL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Relase message with the same cause parameter as in the ISDN message			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_REL		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
Cause	P_Cause_m_S2(cpa_cau_loc, cpa_cau_val)		
RnInf	-		
RnNb	-		
ATP	-		
ATP_PI	-		
SPC	-		
UUInf	-		
ACL	-		
NtwFac	-		
ADInf	-		
ParCmp	-		
RnNbRes	-		
UUInd	-		
NatPar	-		
Unknown	-		
EndOP	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_REL_S_diag(CICnr, cpa_cau_val: BITSTRING; diag_val: OCTETSTRING) PDU Type : REL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Release message with the same cause parameter as in the ISDN message			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CIcode	P_CIC_R_S(CICnr)		
MType	MT_REL		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
Cause	P_Cause_m_S_diag(cpa_cau_val,diag_val)		
RnInf	-		
RnNb	-		
ATP	-		
ATP_PI	-		
SPC	-		
UUInf	-		
ACL	-		
NtwFac	-		
ADInf	-		
ParCmp	-		
RnNbRes	-		
UUInd	-		
NatPar	-		
Unknown	-		
EndOP	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_REL_S_UUS(CICnr: BITSTRING; UUI_VAL: user_to_user_information) PDU Type : REL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : REL message with the following parameter: User-to-user information: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_REL		
var_part_ptr	'02'O		
opt_part_ptr	'04'O		
Cause	P_Cause_m_S2('0000'B, '0010000'B)		
RnInf	-		
RnNb	-		
ATP	-		
ATP_PI	-		
SPC	-		
UUIInf	UUI_VAL		
ACL	-		
NtwFac	-		
ADInf	-		
ParCmp	-		
RnNbRes	-		
UUIInd	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_REL_S_UUS_UII(CICnr, TYPE, SERVICE1: BITSTRING; UII_VAL: user_to_user_information) PDU Type : REL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : REL message with the following parameter: User-to-user information: parameter User-to-user indicators Type: parameter Service 1: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_REL		
var_part_ptr	'02'O		
opt_part_ptr	'04'O		
Cause	P_Cause_m_S2('0000'B, '0010000'B)		
RnInf	-		
RnNb	-		
ATP	-		
ATP_PI	-		
SPC	-		
UIIInf	UII_VAL		
ACL	-		
NtwFac	-		
ADInf	-		
ParCmp	-		
RnNbRes	-		
UIInd	P_UIInd_R1(TYPE, SERVICE1)		
NatPar	-		
Unknown	-		
EndOP	'00'O		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_RLC_R (CICnr: BITSTRING) PDU Type : RLC_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_RLC		
opt_part_ptr	?		CHANGE /3/ 9.3.99 /TJS
Cause	P_Cause_o_R IF_PRESENT		
Unknown	-		
EndOP	'00'O IF_PRESENT		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_RLC_S (CICnr: BITSTRING) PDU Type : RLC_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CiCode	P_CIC_R_S(CICnr)		
MType	MT_RLC		
opt_part_ptr	'00'0		
Cause	-		
Unknown	-		
EndOP	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_RSC_R(CICnr: BITSTRING) PDU Type : RSC_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CiCode	P_CIC_R_S(CICnr)		
MType	MT_RSC		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_RSC_S(CICnr: BITSTRING) PDU Type : RSC_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CiCode	P_CIC_R_S(CICnr)		
MType	MT_RSC		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_UBA_S(CICnr: BITSTRING) PDU Type : UBA_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CHANGE / 2.3 / 10.2-99 / KP			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_UBA		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : P_UBL_R(CICnr: BITSTRING) PDU Type : UBL_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : CHANGE / 2.3 / 10.2-99 / KP			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_UBL		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : ALT_R (FLAG:INTEGER; CALL_REF:CALL_REF_TYPE) PDU Type : ALERTING_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG,CALL_REF)		
mt	MT_ALERTING		
bcap	*		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) IF_PRESENT		
fac	*		
pi1	*		
pi2	*		
noid	*		
dsp	*		
ronn	*		
hlc	*		
uui	*		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : ALT_R_UUS (FLAG:INTEGER; CALL_REF:CALL_REF_TYPE; UUI_VAL: UUI) PDU Type : ALERTING_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU with User-user information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG,CALL_REF)		
mt	MT_ALERTING		
bcap	*		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) IF_PRESENT		
fac	*		
pi1	*		
pi2	*		
noid	*		
dsp	*		
ronn	*		
hlc	*		
uui	UUI_VAL		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : ALT_R_UUS_FAC(FLAG:INTEGER; CALL_REF:CALL_REF_TYPE; COMP: Component; UII_VAL: UII) PDU Type : ALERTING_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU with Facility and User-user information elements			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_ALERTING		
bcap	*		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHI_P_R1,PC_BASIC) IF_PRESENT		
fac	FAC_R1(COMP)		
pi1	*		
pi2	*		
noid	*		
dsp	*		
ronn	*		
hlc	*		
uui	UII_VAL		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : ALT_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : ALERTING_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_ALERTING		
bcap	-		
efac	-		
chi	-		
fac	-		
pi1	-		
pi2	-		
noid	-		
dsp	-		
ronn	-		
hlc	-		
uui	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : ALT_S_UUS (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; UUI_VAL: UUI) PDU Type : ALERTING_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with User-user information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_ALERTING		
bcap	-		
efac	-		
chi	-		
fac	-		
pi1	-		
pi2	-		
noid	-		
dsp	-		
ronn	-		
hlc	-		
uui	UUI_VAL		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : ALT_S_UUS_FAC (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; COMP: Component; UUI_VAL: UUI) PDU Type : ALERTING_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with Facility and User-user information elements			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_ALERTING		
bcap	-		
efac	-		
chi	-		
fac	FAC_S1 (COMP)		
pi1	-		
pi2	-		
noid	-		
dsp	-		
ronn	-		
hlc	-		
uui	UUI_VAL		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : CA_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : CONNECT_ACK_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_CONNECT_ACK		
efac	*		
fac	*		
noid	*		
dsp	*		
Detailed Comments : PDU with "don't care" values;			

PDU Constraint Declaration			
Constraint Name : CN_R(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : CONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_CONNECT		
bcap	*		
efac	*		
chi	ASSIGN_CHI(CHIp_R1,CHIp_R1,PC_BASIC) IF_PRESENT		
fac	*		
pi	*		
noid	*		
dsp	*		
dati	*		
codn	*		
cods	*		
ronn	*		
llc	*		
hlc	*		
uui	*		
Detailed Comments : PDU with "don't care" values;			

PDU Constraint Declaration			
Constraint Name : CN_R_UUS(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; UUI_VAL: UUI) PDU Type : CONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU with User-user information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_CONNECT		
bcap	*		
efac	*		
chi	ASSIGN_CHI(CH1b_R1,CH1p_R1, PC_BASIC) IF_PRESENT		
fac	*		
pi	*		
noid	*		
dsp	*		
dati	*		
codn	*		
cods	*		
ronn	*		
llc	*		
hlc	*		
uui	UUI_VAL		
Detailed Comments : PDU with "don't care" values;			

PDU Constraint Declaration			
Constraint Name : CN_R_UUS_FAC (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; COMP: Component; UUI_VAL: UUI) PDU Type : CONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU with Facility and User-user information elements			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_CONNECT		
bcap	*		
efac	*		
chi	ASSIGN_CHI (CHib_R1, CHIp_R1, PC_BASIC) IF_PRESENT		
fac	FAC_R1 (COMP)		
pi	*		
noid	*		
dsp	*		
dati	*		
codn	*		
cods	*		
ronn	*		
llc	*		
hlc	*		
uui	UUI_VAL		
Detailed Comments : PDU with "don't care" values;			

PDU Constraint Declaration			
Constraint Name : CN_S(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : CONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_CONNECT		
bcap	-		
efac	-		
chi	-		
fac	-		
pi	-		
noid	-		
dsp	-		
dati	-		
codn	-		
cods	-		
ronn	-		
llc	-		
hlc	-		
uui	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : CN_S_UUS(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; UUI_VAL: UUI) PDU Type : CONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with User-user information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_CONNECT		
bcap	-		
efac	-		
chi	-		
fac	-		
pi	-		
noid	-		
dsp	-		
dati	-		
codn	-		
cods	-		
ronn	-		
llc	-		
hlc	-		
uui	UUI_VAL		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : CN_S_UUS_FAC (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; COMP: Component; UUI_VAL: UUI) PDU Type : CONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with Facility and User-user information elements			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_CONNECT		
bcap	-		
efac	-		
chi	-		
fac	FAC_S1 (COMP)		
pi	-		
noid	-		
dsp	-		
dati	-		
codn	-		
cods	-		
ronn	-		
llc	-		
hlc	-		
uui	UUI_VAL		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : CP_S1 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : CALL_PROC_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_CALL_PROC		
bcap	-		
efac	-		
chi	-		
fac	-		
pi1	-		
pi2	-		
noid	-		
dsp	-		
hlc	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : CP_R1 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : CALL_PROC_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_CALL_PROC		
bcap	*		
efac	*		
chi	ASSIGN_CHI (CHIb_R1, CHIp_R1, PC_BASIC) IF_PRESENT		
fac	*		
pil	*		
pi2	*		
noid	*		
dsp	*		
hlc	*		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : DI_R1 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : DISCONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_R1		
efac	*		
fac	*		
pi	*		
noid	*		
dsp	*		
uui	*		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : DI_R4(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_cau_val: INTEGER) PDU Type : DISCONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : DISCONNECT message with a cause containing a cause value as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_R3(cpa_cau_val)		
efac	*		
fac	*		
pi	*		
noid	*		
dsp	*		
uui	*		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : DI_R_FAC(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; COMP: Component; cpa_cau_val: INTEGER) PDU Type : DISCONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_R3(cpa_cau_val)		
efac	*		
fac	FAC_R1(COMP)		
pi	*		
noid	*		
dsp	*		
uui	*		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : DI_R_UUS(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; UUI_VAL: UUI) PDU Type : DISCONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU with User-user information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_R3(16)		
efac	*		
fac	*		
pi	*		
noid	*		
dsp	*		
uui	UUI_VAL		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : DI_R_UUS_FAC(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; COMP: Component; UUI_VAL: UUI; CAU_VAL: INTEGER) PDU Type : DISCONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU with Facility and User-user information elements			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_R3(CAU_VAL)		
efac	*		
fac	FAC_R1(COMP)		
pi	*		
noid	*		
dsp	*		
uui	UUI_VAL		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : DI_S2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CVAL: INTEGER)			
PDU Type : DISCONNECT_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : DISCONNECT message with a parametrised cause value			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		cause value as test suite parameter
cr	CR1(FLAG,CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_S1(CVAL)		
efac	-		
fac	-		
pi	-		
noid	-		
dsp	-		
uui	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : DI_S_FAC(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; COMP: Component; cpa_cau_val: INTEGER)			
PDU Type : DISCONNECT_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_S1(cpa_cau_val)		
efac	-		
fac	FAC_S1(COMP)		
pi	-		
noid	-		
dsp	-		
uui	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : DI_S_UUS(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; UUI_VAL: UUI; cpa_cau_val: INTEGER) PDU Type : DISCONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with User-user information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_S1(cpa_cau_val)		
efac	-		
fac	-		
pi	-		
noid	-		
dsp	-		
uui	UUI_VAL		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : DI_S_UUS_FAC(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; COMP: Component; UUI_VAL: UUI; cpa_cau_val: INTEGER) PDU Type : DISCONNECT_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with Facility and User-user information elements			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_S1(cpa_cau_val)		
efac	-		
fac	FAC_S1(COMP)		
pi	-		
noid	-		
dsp	-		
uui	UUI_VAL		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : FC_S2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; COMP: Component) PDU Type : FACILITY_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments :			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	CR1(FLAG,CALL_REF)		
mt	MT_FACILITY		
fac	FAC_S1(COMP)		
noid	-		
dsp	-		
cdpn	-		
cdps	-		
ronn	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : GFP_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : GFP_MSG_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	?		
ie_list	*		
Detailed Comments : PDU with a valid CREF. Used for test cases where PDUs must be absorbed by the tester.			

PDU Constraint Declaration			
Constraint Name : HL_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : HOLD_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	CR1(FLAG,CALL_REF)		
mt	MT_HOLD		
fac	-		
dsp	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : HA_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : HOLD_ACK_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	CR1(FLAG,CALL_REF)		
mt	MT_HOLD_ACK		
fac	*		
dsp	*		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : HR_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : HOLD_REJ_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	CR1(FLAG,CALL_REF)		
mt	MT_HOLD_REJ		
cau	?		
fac	*		
dsp	*		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : IN_R(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : INFORMATION_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU. Information message with don't care value.			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_INFORMATION		
sci	*		
cau	*		
efac	*		
fac	*		
noid	*		
dsp	*		
kpf	*		
cdpn	*		
ronn	*		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : NO_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : NOTIFY_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_NOTIFY		
noid	NOID_R1		
noid2	-		
dsp	*		
ronn	*		
Detailed Comments : PDU with "don't care" values in noid.			

PDU Constraint Declaration			
Constraint Name : NO_R2 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_noid: NOID) PDU Type : NOTIFY_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU with a notification indicator parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_NOTIFY		
noid	cpa_noid		
noid2	-		
dsp	*		
ronn	*		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : NO_R3 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_noid, cpa_noid2: NOID) PDU Type : NOTIFY_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU with two notification indicator information elements			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_NOTIFY		
noid	cpa_noid		
noid2	cpa_noid2		
dsp	*		
ronn	*		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : NO_S1 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_noid: NOID) PDU Type : NOTIFY_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with a notification indicator parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG,CALL_REF)		
mt	MT_NOTIFY		
noid	cpa_noid		
noid2	-		
dsp	-		
ronn	-		
Detailed Comments : PDU without optional parameters.			

PDU Constraint Declaration			
Constraint Name : PG_R (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : PROGRESS_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : receive PROGRESS message with don't care value			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG,CALL_REF)		
mt	MT_PROGRESS		
bcap	*		
cau	*		
efac	*		
fac	*		
pi1	*		
pi2	-		
noid	*		
dsp	*		
ronn	*		
hlc	*		
uui	*		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : RC_R1 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : RELEASE_COM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_RELEASE_COM		
cau	*		
efac	*		
fac	*		
noid	*		
dsp	*		
uui	*		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : RC_S1 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : RELEASE_COM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_RELEASE_COM		
cau	-		
efac	-		
fac	-		
noid	-		
dsp	-		
uui	-		
Detailed Comments : PDU without optional information elements.			

PDU Constraint Declaration			
Constraint Name : RC_S3(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CVAL: INTEGER) PDU Type : RELEASE_COM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE_COM		
cau	CAU_S1(CVAL)		
efac	-		
fac	-		
noid	-		
dsp	-		
uui	-		
Detailed Comments : PDU without optional information elements.			

PDU Constraint Declaration			
Constraint Name : RC_S_FAC(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; COMP: Component; CVAL: INTEGER) PDU Type : RELEASE_COM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with Facility information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE_COM		
cau	CAU_S1(CVAL)		
efac	-		
fac	FAC_S1(COMP)		
noid	-		
dsp	-		
uui	-		
Detailed Comments : PDU with optional information elements.			

PDU Constraint Declaration			
Constraint Name : RC_S_UUS(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; UUI_VAL: UUI; CVAL: INTEGER) PDU Type : RELEASE_COM_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with User-user information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE_COM		
cau	CAU_S1(CVAL)		
efac	-		
fac	-		
noid	-		
dsp	-		
uui	UUI_VAL		
Detailed Comments : PDU without optional information elements.			

PDU Constraint Declaration			
Constraint Name : RL_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : RELEASE_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE		
cau	*		
efac	*		
fac	*		
noid	*		
dsp	*		
uui	*		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : RL_R_UUS(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; UUI_VAL: UUI) PDU Type : RELEASE_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU with User-user information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE		
cau	CAU_R3(16)		
efac	*		
fac	*		
noid	*		
dsp	*		
uui	UUI_VAL		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : RL_S1(FLAG:INTEGER; CALL_REF: CALL_REF_TYPE; CVAL: INTEGER) PDU Type : RELEASE_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE		
cau	CAU_S1(CVAL)		
efac	-		
fac	-		
noid	-		
dsp	-		
uui	-		
Detailed Comments : PDU with optional information element cau.			

PDU Constraint Declaration			
Constraint Name : RL_S_FAC(FLAG:INTEGER; CALL_REF: CALL_REF_TYPE; COMP: Component; CVAL: INTEGER) PDU Type : RELEASE_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with Facility information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE		
cau	CAU_S1(CVAL)		
efac	-		
fac	FAC_S1(COMP)		
noid	-		
dsp	-		
uui	-		
Detailed Comments : PDU with optional information elements.			

PDU Constraint Declaration			
Constraint Name : RL_S_UUS(FLAG:INTEGER; CALL_REF: CALL_REF_TYPE; UUI_VAL:UUI; CVAL: INTEGER) PDU Type : RELEASE_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with User-user information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE		
cau	CAU_S1(CVAL)		
efac	-		
fac	-		
noid	-		
dsp	-		
uui	UUI_VAL		
Detailed Comments : PDU with optional information element cau.			

PDU Constraint Declaration			
Constraint Name : RSA_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; BCH_RS: OCTETSTRING; LENGTH: BITSTRING; CLASS_VAL: INTEGER)			
PDU Type : RESTART_ACK_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RESTART_ACK		
chi	-		
chi_rs	ASSIGN_CHI_RS(CHI_RSb_S1(BCH), CHI_RSP_S1(BCH_RS,LENGTH), PC_BASIC)		
dsp	-		
ri	RI1(CLASS_VAL)		
Detailed Comments : PDU without optional parameters; CHI mandatory if RI indicates "Indicated channels".			

PDU Constraint Declaration			
Constraint Name : RSA_S2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CLASS_VAL: INTEGER)			
PDU Type : RESTART_ACK_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RESTART_ACK		
chi	-		
chi_rs	-		
dsp	-		
ri	RI1(CLASS_VAL)		
Detailed Comments : PDU without optional parameters; PDU that indicates "All interfaces" or "Single interface".			

PDU Constraint Declaration			
Constraint Name : RST_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CLASS_VAL: INTEGER) PDU Type : RESTART_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RESTART		
chi	-		
chi_rs	ASSIGN_CHI_RS(CHI_RSb_R1, CHI_RSP_R1, PC_BASIC)		
dsp	*		
ri	RI1(CLASS_VAL)		
Detailed Comments : PDU with "don't care" values; This PDU should only be received, if ri indicates "Indicated channels".			

PDU Constraint Declaration			
Constraint Name : RST_R2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CLASS_VAL: INTEGER) PDU Type : RESTART_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RESTART		
chi	-		
chi_rs	-		
dsp	*		
ri	RI1(CLASS_VAL)		
Detailed Comments : PDU with "don't care" values; PDU that indicates "All interfaces" or "Single interface".			

PDU Constraint Declaration			
Constraint Name : RT_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : RETRIEVE_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RETRIEVE		
chi	-		
fac	-		
dsp	-		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : RTA_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : RETRIEVE_ACK_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RETRIEVE_ACK		
chi	ASSIGN_CHI(CHIB_R1,CHIP_R1,PC_BASIC) IF_PRESENT		
fac	*		
dsp	*		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : RTR_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : RETRIEVE_REJ_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	'00001000'B		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RETRIEVE_REJ		
cau	?		
fac	*		
dsp	*		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : SQ_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : STATUS_ENQ_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_STATUS_ENQ		
dsp	*		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : ST_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) PDU Type : STATUS_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_STATUS		
cau	?		
cst	?		
dsp	*		
Detailed Comments : PDU with "don't care" values.			

PDU Constraint Declaration			
Constraint Name : SU_R_BASE			
PDU Type : SETUP_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		CHANGE /25/ TJS
cr	CR_R1		
mt	MT_SETUP		
sci	*		
bcap	*		
bcap_2s	*		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIp_R1,PC_BASIC)		
fac	*		
pi	*		
nsf	*		
noid	*		
dsp	*		
dati	*		
kpf	*		
cgpn	*		
cgpn_2	*		
cgps	*		
cdpn	*		
cdps	*		
rngn	*		
rngn_2	*		
tns	*		
llc	*		
hlc	*		
hlc_2	*		
uui	*		
sci_2	*		
Detailed Comments : PDU with "don't care" values used as base constraint for all SETUP messages to be received.			

PDU Constraint Declaration			
Constraint Name : SU_R1 PDU Type : SETUP_PDU Derivation Path : SU_R_BASE. Encoding Rule Name : Encoding Variation : Comments : Receive PDU. Setup message			
Field Name	Field Value	Field Encoding	Comments
sci	*		
sci_2	*		
Detailed Comments :			

PDU Constraint Declaration			
Constraint Name : SU_R_FAC(COMP: Component)			
PDU Type : SETUP_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : Receive PDU with Facility information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		CHANGE /25/ TJS
cr	CR_R1		
mt	MT_SETUP		
sci	*		
bcap	*		
bcap_2s	*		
efac	*		
chi	ASSIGN_CHI(CHIb_R1, CHIp_R1, PC_BASIC)		
fac	FAC_R1(COMP)		
pi	*		
nsf	*		
noid	*		
dsp	*		
dati	*		
kpf	*		
cgpn	*		
cgpn_2	*		
cgps	*		
cdpn	*		
cdps	*		
rngn	*		
rngn_2	*		
tns	*		
llc	*		
hlc	*		
hlc_2	*		
uui	*		
sci_2	*		
Detailed Comments : PDU with "don't care" values			

PDU Constraint Declaration			
Constraint Name : SU_R_noFAC			
PDU Type : SETUP_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : Receive PDU with Facility information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		CHANGE /25/ TJS
cr	CR_R1		
mt	MT_SETUP		
sci	*		
bcap	*		
bcap_2s	*		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIp_R1,PC_BASIC)		
fac	—		
pi	*		
nsf	*		
noid	*		
dsp	*		
dati	*		
kpf	*		
cgpn	*		
cgpn_2	*		
cgps	*		
cdpn	*		
cdps	*		
rngn	*		
rngn_2	*		
tns	*		
llc	*		
hlc	*		
hlc_2	*		
uui	*		
sci_2	*		
Detailed Comments : PDU with "don't care" values			

PDU Constraint Declaration			
Constraint Name : SU_R_UUS(UUI_VAL: UUI)			
PDU Type : SETUP_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : Receive PDU with User-user information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		CHANGE /25/ TJS
cr	CR_R1		
mt	MT_SETUP		
sci	*		
bcap	*		
bcap_2s	*		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIp_R1,PC_BASIC)		
fac	*		
pi	*		
nsf	*		
noid	*		
dsp	*		
dati	*		
kpf	*		
cgpn	*		
cgpn_2	*		
cgps	*		
cdpn	*		
cdps	*		
rngn	*		
rngn_2	*		
tns	*		
llc	*		
hlc	*		
hlc_2	*		
uui	UUI_VAL		
sci_2	*		
Detailed Comments : PDU with "don't care" values			

PDU Constraint Declaration			
Constraint Name : SU_R_UUS_FAC (COMP: Component; UUI_VAL: UUI)			
PDU Type : SETUP_PDU			
Derivation Path :			
Encoding Rule Name :			
Encoding Variation :			
Comments : Receive PDU with Facility and User-user information elements			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		CHANGE /25/ TJS
cr	CR_R1		
mt	MT_SETUP		
sci	*		
bcap	*		
bcap_2s	*		
efac	*		
chi	ASSIGN_CHI (CHIb_R1, CHIp_R1, PC_BASIC)		
fac	FAC_R1 (COMP)		
pi	*		
nsf	*		
noid	*		
dsp	*		
dati	*		
kpf	*		
cgpn	*		
cgpn_2	*		
cgps	*		
cdpn	*		
cdps	*		
rngn	*		
rngn_2	*		
tns	*		
llc	*		
hlc	*		
hlc_2	*		
uui	UUI_VAL		
sci_2	*		
Detailed Comments : PDU with "don't care" values			

PDU Constraint Declaration			
Constraint Name : SU_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING) PDU Type : SETUP_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_SETUP		
sci	SCI_VALUE		
bcap	BCAP_S1		
bcap_2s	-		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH),CHI p_S1(BCH),PC_BASIC)		
fac	-		
pi	-		
nsf	-		
noid	-		
dsp	-		
dati	-		
kpf	-		
cgpn	-		
cgpn_2	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
rngn_2	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	-		
uui	-		
sci_2	-		
Detailed Comments : SETUP message with the complete called party information containing the number digits of the access related to the PTC2 and the Sending complete information element.			

PDU Constraint Declaration			
Constraint Name : SU_S_FAC(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; COMP: Component) PDU Type : SETUP_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with Facility information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_SETUP		
sci	SCI_VALUE		
bcap	BCAP_S1		
bcap_2s	-		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH),CHI p_S1(BCH),PC_BASIC)		
fac	FAC_S1(COMP)		
pi	-		
nsf	-		
noid	-		
dsp	-		
dati	-		
kpf	-		
cgpn	-		
cgpn_2	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
rngn_2	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	-		
uui	-		
sci_2	-		
Detailed Comments : SETUP message with the complete called party information containing the number digits of the access related to the PTC2 and the Sending complete information element.			

PDU Constraint Declaration			
Constraint Name : SU_S_UUS(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; UUI_VAL: UUI) PDU Type : SETUP_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with Facility information element			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_SETUP		
sci	SCI_VALUE		
bcap	BCAP_S1		
bcap_2s	-		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH),CHI p_S1(BCH),PC_BASIC)		
fac	-		
pi	-		
nsf	-		
noid	-		
dsp	-		
dati	-		
kpf	-		
cgpn	-		
cgpn_2	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
rngn_2	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	-		
uui	UUI_VAL		
sci_2	-		
Detailed Comments : SETUP message with the complete called party information containing the number digits of the access related to the PTC2 and the Sending complete information element.			

PDU Constraint Declaration			
Constraint Name : SU_S_UUS_FAC(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; COMP: Component; UUI_VAL: UUI) PDU Type : SETUP_PDU Derivation Path : Encoding Rule Name : Encoding Variation : Comments : Send PDU with Facility and User-user information elements			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_SETUP		
sci	SCI_VALUE		
bcap	BCAP_S1		
bcap_2s	-		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH),CHI p_S1(BCH),PC_BASIC)		
fac	FAC_S1(COMP)		
pi	-		
nsf	-		
noid	-		
dsp	-		
dati	-		
kpf	-		
cgpn	-		
cgpn_2	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
rngn_2	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	-		
uui	UUI_VAL		
sci_2	-		
Detailed Comments : SETUP message with the complete called party information containing the number digits of the access related to the PTC2 and the Sending complete information element.			

CM Constraint Declaration		
Constraint Name : RDY CM Type : CP_M Derivation Path : Comments :		
Parameter Name	Parameter Value	Comments
CM_content	"READY"	
Detailed Comments :		

CM Constraint Declaration		
Constraint Name : S_MSG CM Type : CP_M Derivation Path : Comments : To trigger the sending of a message		
Parameter Name	Parameter Value	Comments
CM_content	"S_MSG"	
Detailed Comments :		

CM Constraint Declaration		
Constraint Name : STOP_PTC CM Type : CP_M Derivation Path : Comments : To stop the PTC test step		
Parameter Name	Parameter Value	Comments
CM_content	"STOP_PTC"	
Detailed Comments :		

IV

Dynamic Part

Test Case Dynamic Behaviour					
Test Case Name : CRCT_UP					
Group : CIRCUIT_CONTROLLING/					
Purpose : Needed to get used TSL to WO-EX state. Sends responses to UBL, BLO, GRS and RSC messages.					
Configuration : CONFIG1					
Default : OtherwiseFail					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1	L1	CREATE(PTC2:PTC_OUT)			
2		START TWAIT			
3		CPA2?CP_M CANCEL TWAIT, START TWAIT	RDY		
4		CPA2?CP_M CANCEL TWAIT, START TWAIT	RDY		
5		?DONE(PTC2)			
6		?TIMEOUT TWAIT			F
7		?TIMEOUT TWAIT			F
		PTC_OUT			
8		ACTIVATE(OtherwiseFail_2)			
9		CPA2!CP_M	RDY		
10		START TWAIT			
11		L2?P_PDUR	TrI(P_RSC_R(CIC_VAL))		
12		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
13		GOTO L1			
14		L2?P_PDUR	TrI(P_UBL_R(CIC_VAL))		(P)
15		L2!P_PDUs	TrR(P_UBA_S(PXP_CIC_S))		
16		CPA2!CP_M	RDY		
17		L2?P_PDUR	TrI(P_BLO_R(CIC_VAL))		
18		L2!P_PDUs	TrR(P_BLA_S(PXP_CIC_S))		
19		GOTO L1			
20		?TIMEOUT TWAIT			
21	GOTO L1				
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : CRCT_RESET Group : CIRCUIT_CONTROLLING/ Purpose : Sends BLO and waits for BLA Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC2:PTC_CRCT)			
2		?DONE(PTC2)			
		PTC_CRCT			
3		ACTIVATE(OtherwiseFail_2)			
4		L2!P_PDU_S START TAC	TrR(P_BLO_S(PXP_CIC_S))		
5		L2?P_PDUR CANCEL TAC	TrI(P_BLA_R(CIC_VAL))	P	
6		?TIMEOUT TAC		I	
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510101 Group : DSS1_ISUP/PTY3/Notification_from_Network/ Purpose : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference established, sends a NOTIFY message with the Notification indicator information element coded Notification description = Conference established. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N10_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(NO_R2 (1, CREF,NOID_SR('C2'O)))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N10_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('C2'O)))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510102 Group : DSS1_ISUP/PTY3/Notification_from_Network/ Purpose : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected, sends a NOTIFY message with the Notification indicator information element coded Notification description = Conference disconnected. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N10_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(NO_R2 (1, CREF,NOID_SR('C3'O)))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N10_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('C2'O)))		
20		L2!P_PDUs	TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('C3'O)))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510103 Group : DSS1_ISUP/PTY3/Notification_from_Network/ Purpose : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold, sends a NOTIFY message with the Notification indicator information element coded Notification description = remote hold. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N10_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(NO_R2 (1, CREF,NOID_SR('F9'O)))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N10_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('F9'O)))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510104 Group : DSS1_ISUP/PTY3/Notification_from_Network/ Purpose : Ensure that the SUT in state N10, on receipt of a CPG message with one Generic notification indicator parameter coded Notification indicator = Conference disconnected and another Generic notification indicator parameter coded Notification indicator = remote hold,, sends two Notification indicator information elements in either one or two NOTIFY messages, one coded Notification description = Conference disconnected and the other coded Notification description = remote hold. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N10_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr	Mr(NO_R2 (1, CREF,NOID_SR('F9'O)))		
11		L1?PDUr CANCEL TWAIT	Mr(NO_R2 (1, CREF,NOID_SR('C3'O)))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		L1?PDUr	Mr(NO_R2 (1, CREF,NOID_SR('C3'O)))		
18		L1?PDUr CANCEL TWAIT	Mr(NO_R2 (1, CREF,NOID_SR('F9'O)))	(P)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
24		L1?PDUr CANCEL TWAIT	Mr(NO_R3 (1, CREF, NOID_SR('F9'O), NOID_SR('C3'O)))	(P)	
25		+PTC1_SYNC_0			
26		+ PO_SR_1(0)			
27		L1?PDUr CANCEL TWAIT	Mr(NO_R3 (1, CREF, NOID_SR('C3'O), NOID_SR('F9'O)))	(P)	
28		+PTC1_SYNC_0			
29		+ PO_SR_1(0)			
30		?TIMEOUT TWAIT		(I)	
31		+PTC1_SYNC_0			
32		+ PO_SR_1(0)			
		PTC2_IN			
33		ACTIVATE(OtherwiseFail_2)			
34		+PR_N10_2			
35		+PTC2_SYNC			
36		L2!P_PDUs	TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('C2'O)))		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
37		L2!P_PDUs	TrR(P_CPG_S_2NOT (CIC_VAL,P_GenNot_RS(' F9 ' O) , P _GenNot_RS(' C3 ' O)))		
38		+PTC2_SYNC			
39		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510201 Group : DSS1-ISUP/PTY3/Invocation_S-T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C), on receipt of a FACILITY message for call A-B with the Facility information element containing a Begin3PTY invoke component, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference established and sends towards user C a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference established. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
7		+PR_N100_1_TWO			
8		+PTC1_SYNC_0_TWO			
9		L1!PDUs	Ms(FC_S2(0,CREF,BegPTY3inv))		
10		+PTC1_SYNC_0_TWO			
11		+PO_SR_1_TWO(0,0)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2_TWO)			
13		+PR_N100_2_TWO			
14		+PTC2_SYNC_TWO			
15		START TWAIT			
16		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C2'O)))	(P)	
17		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C2'O)))	(P)	
18		+PTC2_SYNC_TWO			
19		+ PO_RR_2_TWO			
20		?TIMEOUT TWAIT		(I)	
21		+PTC2_SYNC_TWO			
22		+ PO_RR_2_TWO			
23		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C2'O)))	(P)	
24		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C2'O)))	(P)	
25		+PTC2_SYNC_TWO			
26		+ PO_RR_2_TWO			
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC_TWO			
29		+ PO_RR_2_TWO			
30		?TIMEOUT TWAIT		(I)	
31		+PTC2_SYNC_TWO			
32		+ PO_RR_2_TWO			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510202 Group : DSS1_ISUP/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a FACILITY message for call A-B with the Facility information element containing an End3PTY invoke component, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold and sends towards user C a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
7		+PR_N100_1_TWO			
8		L1!PDUs	Ms(FC_S2(0,CREF,BegPTY3inv))		
9		+PTC1_SYNC_0_TWO			
10		L1!PDUs	Ms(FC_S2(0,CREF,EndPTY3inv))		
11		+PTC1_SYNC_0_TWO			
12		+PO_SR_1_TWO(0,0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2_TWO)			
14		+PR_N100_2_TWO			
15		+PR_3PTY_2			
16		+PTC2_SYNC_TWO			
17		START TWAIT			
18		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
19		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
20		+PTC2_SYNC_TWO			
21		+ PO_RR_2_TWO			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC_TWO			
24		+ PO_RR_2_TWO			
25		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
26		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
27		+PTC2_SYNC_TWO			
28		+ PO_RR_2_TWO			
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC_TWO			
31		+ PO_RR_2_TWO			
32		?TIMEOUT TWAIT		(I)	
33		+PTC2_SYNC_TWO			
34		+ PO_RR_2_TWO			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510203 Group : DSS1-ISUP/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been disconnected), on receipt of a HOLD message for call A-C, sends no message towards user B and sends towards user C a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
8		+PR_N100_1_TWO			
9		L1!PDUs	Ms(FC_S2(0,CREF,BegPTY3inv))		
10		+PTC1_SYNC_0_TWO			
11		L1!PDUs	Ms(FC_S2(0,CREF,EndPTY3inv))		
12		+PTC1_SYNC_0_TWO			
13		L1!PDUs START TAC	Ms(HL_S1(0,CREF2))		
14		L1?PDUr CANCEL TAC	Mr(HA_R1(1,CREF2))		
15		+PTC1_SYNC_0_TWO			
16		+PO_SR_1_TWO(0,0)			
17		?TIMEOUT TAC		(F)	no response
18		+PTC1_SYNC_0_TWO			
19		+PO_SR_1_TWO(0,0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2_TWO)			
21		+PR_N100_2_TWO			
22		+PR_3PTY_2			
23		+PTC2_SYNC_TWO			
24		START TWAIT			
25		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2,P_GenNot_RS('C3'O)))		
26		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))		
27		+PTC2_SYNC_TWO			
28		+WAIT_CPG			
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC_TWO			
31		+ PO_RR_2_TWO			
32		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))		
33		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2,P_GenNot_RS('C3'O)))		
34		+PTC2_SYNC_TWO			
35		+WAIT_CPG			
36		?TIMEOUT TWAIT		(I)	
37		+PTC2_SYNC_TWO			
38		+ PO_RR_2_TWO			
39		?TIMEOUT TWAIT		(I)	
40		+PTC2_SYNC_TWO			

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Test Case Dynamic Behaviour						
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments	
41		+ PO_RR_2_TWO	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('F9'O)))	(P)		
		WAIT_CPG				
42		START TWAIT				
43		L2?P_PDUr				
44		+PTC2_SYNC_TWO		(I)		
45		+ PO_RR_2_TWO				
46		?TIMEOUT TWAIT				
47		+PTC2_SYNC_TWO				
48		+ PO_RR_2_TWO				
Detailed Comments :						

Test Case Dynamic Behaviour					
Test Case Name : TP510204 Group : DSS1-ISUP/PTY3/Invocation_S-T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been disconnected, call A-C has been put on hold), on receipt of a RETRIEVE message for call A-B, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected and sends no message towards user C. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		+ MTC_SYNC			
6		+ MTC_SYNC			
7		?DONE(PTC1, PTC2)			
		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
9		+PR_N100_1_TWO			
10		L1!PDUs	Ms(FC_S2(0,CREF,BegPTY3inv))		
11		+PTC1_SYNC_0_TWO			
12		L1!PDUs	Ms(FC_S2(0,CREF,EndPTY3inv))		
13		+PTC1_SYNC_0_TWO			
14		L1!PDUs START TAC	Ms(HL_S1(0,CREF2))		
15		L1?PDUr CANCEL TAC	Mr(HA_R1(1,CREF2))		
16		+PTC1_SYNC_0_TWO			
17		L1!PDUs START TAC	Ms(RT_S1(0,CREF))		
18		L1?PDUr CANCEL TAC	Mr(RTA_R1(1,CREF))		
19		+PTC1_SYNC_0_TWO			
20		+PO_SR_1_TWO(0,0)			
21		?TIMEOUT TAC		(F)	no response
22		+PTC1_SYNC_0_TWO			
23		+PO_SR_1_TWO(0,0)			
24		?TIMEOUT TAC		(F)	no response
25		+PTC1_SYNC_0_TWO			
26		+PO_SR_1_TWO(0,0)			
		PTC2_IN			
27		ACTIVATE(OtherwiseFail_2_TWO)			
28		+PR_N100_2_TWO			
29		+PR_3PTY_2			
30		+PTC2_SYNC_TWO			
31		START TWAIT			
32		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2,P_GenNot_RS('C3'O)))		
33		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))		
34		+PTC2_SYNC_TWO			
35		+WAIT_CPG			
36		?TIMEOUT TWAIT		(I)	
37		+PTC2_SYNC_TWO			
38		+ PO_RR_2_TWO			
39		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))		
40		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2,P_GenNot_RS('C3'O)))		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
41		+PTC2_SYNC_TWO			
42		+WAIT_CPG			
43		?TIMEOUT TWAIT		(I)	
44		+PTC2_SYNC_TWO			
45		+ PO_RR_2_TWO			
46		?TIMEOUT TWAIT		(I)	
47		+PTC2_SYNC_TWO			
48		+ PO_RR_2_TWO			
		WAIT_CPG			
49		START TWAIT			
50		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('F9'O))	(P)	
51		+PTC2_SYNC_TWO			
52		START TWAIT			
53		L2?P_PDUr CANCEL TWAIT, START TNOAC	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('C3'O))	(P)	
54		L2?P_PDUr CANCEL TNOAC	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('FA'O))		
55		+PTC2_SYNC_TWO			
56		+PO_RR_2			
57		?TIMEOUT TNOAC			
58		+PTC2_SYNC_TWO			
59		+PO_RR_2			
60		?TIMEOUT TWAIT		(I)	
61		+PTC2_SYNC_TWO			
62		+PO_RR_2			
63		?TIMEOUT TWAIT		(I)	
64		+PTC2_SYNC_TWO			
65		+ PO_RR_2_TWO			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP510205

Group : DSS1_ISUP/PTY3/Invocation_S-T/

Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a FACILITY message for call A-C with the Facility information element containing an End3PTY invoke component,
sends towards user B a CPG message with one Generic notification indicator parameter coded
Notification indicator = Conference disconnected,
the other Generic notification indicator parameter coded
Notification indicator = remote hold
and sends towards user C a CPG message with the Generic notification indicator parameter coded
Notification indicator = Conference disconnected.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
7		+PR_N100_1_TWO			
8		L1!PDUs	Ms(FC_S2(0,CREF,BegPTY3inv))		
9		+PTC1_SYNC_0_TWO			
10		L1!PDUs	Ms(FC_S2(0,CREF2,EndPTY3inv))		
11		+PTC1_SYNC_0_TWO			
12		+PO_SR_1_TWO(0,0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2_TWO)			
14		+PR_N100_2_TWO			
15		+PR_3PTY_2			
16		+PTC2_SYNC_TWO			
17		START TWAIT			
18		L2?P_PDUR	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O))	(P)	
19		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R_2NOT (CIC_VAL, P_GenNot_RS('C3'O),P_GenNot_RS('F9'O))	(P)	
20		+PTC2_SYNC_TWO			
21		+ PO_RR_2_TWO			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC_TWO			
24		+ PO_RR_2_TWO			
25		L2?P_PDUR	TrI(P_CPG_R_2NOT (CIC_VAL, P_GenNot_RS('C3'O),P_GenNot_RS('F9'O))	(P)	
26		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O))	(P)	
27		+PTC2_SYNC_TWO			
28		+ PO_RR_2_TWO			
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC_TWO			
31		+ PO_RR_2_TWO			
32		?TIMEOUT TWAIT		(I)	
33		+PTC2_SYNC_TWO			
34		+ PO_RR_2_TWO			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP510206 Group : DSS1-ISUP/PTY3/Invocation_S-T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a DISCONNECT message for call A-B, sends towards user B a REL message and sends towards user C a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
7		+PR_N100_1_TWO			
8		L1!PDUs	Ms(FC_S2(0,CREF,BegPTY3inv))		
9		+PTC1_SYNC_0_TWO			
10		L1!PDUs START TAC	Ms(DI_S2(0,CREF,16))		
11		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
12		L1!PDUs	Ms(RC_S1(0,CREF))		
13		+PTC1_SYNC_0_TWO			
14		(CREF := CREF2)			
15		+PO_SR_1(0)			
16		?TIMEOUT TAC		(F)	
17		+PTC1_SYNC_0_TWO			
18		+PO_SR_1_TWO(0,0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2_TWO)			
20		+PR_N100_2_TWO			
21		+PR_3PTY_2			
22		+PTC2_SYNC_TWO			
23		START TWAIT			
24		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
25		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R (CIC_VAL))	(P)	
26		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
27		+PTC2_SYNC_TWO			
28		(CIC_VAL := CIC_VAL2)			
29		+PO_RR_2			
30		?TIMEOUT TWAIT		(I)	
31		+PTC2_SYNC_TWO			
32		+PO_RR_2_TWO			
33		L2?P_PDUr	TrI(P_REL_R (CIC_VAL))	(P)	
34		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
35		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
36		+PTC2_SYNC_TWO			
37		(CIC_VAL := CIC_VAL2)			
38		+PO_RR_2			
39		?TIMEOUT TWAIT		(I)	
40		+PTC2_SYNC_TWO			
41		(CIC_VAL := CIC_VAL2)			
42		+ PO_RR_2			
43		?TIMEOUT TWAIT		(I)	
44		+PTC2_SYNC_TWO			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
45		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510207 Group : DSS1-ISUP/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a DISCONNECT message for call A-C, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold and sends towards user C a REL message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
7		+PR_N100_1_TWO			
8		L1!PDUs	Ms(FC_S2(0,CREF,BegPTY3inv))		
9		+PTC1_SYNC_0_TWO			
10		L1!PDUs START TAC	Ms(DI_S2(0,CREF2,16))		
11		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF2))		
12		L1!PDUs	Ms(RC_S1(0,CREF2))		
13		+PTC1_SYNC_0_TWO			
14		+ PO_SR_1(0)			
15		?TIMEOUT TAC		(F)	
16		+PTC1_SYNC_0_TWO			
17		+ PO_SR_1_TWO(0,0)			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2_TWO)			
19		+PR_N100_2_TWO			
20		+PR_3PTY_2			
21		+PTC2_SYNC_TWO			
22		START TWAIT			
23		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
24		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R (CIC_VAL2))	(P)	
25		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
26		+PTC2_SYNC_TWO			
27		+PO_RR_2			
28		?TIMEOUT TWAIT		(I)	
29		+PTC2_SYNC_TWO			
30		+PO_RR_2_TWO			
31		L2?P_PDUr	TrI(P_REL_R (CIC_VAL2))	(P)	
32		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
33		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
34		+PTC2_SYNC_TWO			
35		+PO_RR_2			
36		?TIMEOUT TWAIT		(I)	
37		+PTC2_SYNC_TWO			
38		+ PO_RR_2			
39		?TIMEOUT TWAIT		(I)	
40		+PTC2_SYNC_TWO			
41		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510208 Group : DSS1-ISUP/PTY3/Invocation_S-T/ Purpose : Ensure that the SUT with one call in state N10 (towards remote user B, call towards user C has been disconnected; 3PTY conference had been established), on receipt of a RETRIEVE message for call A-B, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
7		+PR_N100_1_TWO			
8		L1!PDUs	Ms(FC_S2(0,CREF,BegPTY3inv))		
9		+PTC1_SYNC_0_TWO			
10		L1!PDUs START TAC	Ms(DI_S2(0,CREF2,16))		
11		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF2))		
12		L1!PDUs	Ms(RC_S1(0,CREF2))		
13		L1!PDUs START TAC	Ms(RT_S1(0,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RTA_R1(1,CREF))		
15		+PTC1_SYNC_0_TWO			
16		+PO_SR_1(0)			
17		?TIMEOUT TAC		(F)	no response
18		+PTC1_SYNC_0_TWO			
19		+PO_SR_1(0)			
20		?TIMEOUT TAC		(F)	
21		+PTC1_SYNC_0_TWO			
22		+ PO_SR_1_TWO(0,0)			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2_TWO)			
24		+PR_N100_2_TWO			
25		+PR_3PTY_2			
26		+PTC2_SYNC_TWO			
27		START TWAIT			
28		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
29		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R (CIC_VAL2))	(P)	
30		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
31		+WAIT_CPG			
32		?TIMEOUT TWAIT		(I)	
33		+PTC2_SYNC_TWO			
34		+PO_RR_2_TWO			
35		L2?P_PDUr	TrI(P_REL_R (CIC_VAL2))	(P)	
36		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
37		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
38		+WAIT_CPG			
39		?TIMEOUT TWAIT		(I)	
40		+PTC2_SYNC_TWO			
41		+ PO_RR_2			
42		?TIMEOUT TWAIT		(I)	
43		+PTC2_SYNC_TWO			
44		+PO_RR_2			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
45		WAIT_CPG			
46		START TWAIT			
47		L2?P_PDUr CANCEL TWAIT, START TNOAC	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('C3'O)))	(P)	
48		L2?P_PDUr CANCEL TNOAC	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('FA'O)))		
49		+PTC2_SYNC_TWO			
50		+PO_RR_2			
51		?TIMEOUT TNOAC			
52		+PTC2_SYNC_TWO			
53		+PO_RR_2			
54		?TIMEOUT TWAIT		(I)	
55		+PTC2_SYNC_TWO			
		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510209 Group : DSS1-ISUP/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a REL message from user B, sends towards user C a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected and sends a DISCONNECT message for call A-B. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
7		+PR_N100_1_TWO			
8		L1!PDU _s	Ms(FC_S2(0,CREF,BegPTY3inv))		
9		+PTC1_SYNC_0_TWO			
10		START TWAIT			
11		L1?PDU _r CANCEL TWAIT	Mr(DI_R1(1,CREF))	(P)	
12		+PTC1_SYNC_0_TWO			
13		+PO_SR_1_TWO(0,0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0_TWO			
16		+PO_SR_1_TWO(0,0)			
		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2_TWO)			
18		+PR_N100_2_TWO			
19		+PR_3PTY_2			
20		+PTC2_SYNC_TWO			
21		L2!P_PDU _s START TWAIT	TrR(P_REL_S(CIC_VAL))		
22		L2?P_PDU _r	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
23		L2?P_PDU _r CANCEL TWAIT	TrI(P_RLC_R(CIC_VAL))	(P)	
24		+PTC2_SYNC_TWO			
25		(CIC_VAL := CIC_VAL2)			
26		+ PO_RR_2			
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC_TWO			
29		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL))		
30		(CIC_VAL := CIC_VAL2)			
31		+PO_RR_2			
32		L2?P_PDU _r	TrI(P_RLC_R(CIC_VAL))	(P)	
33		L2?P_PDU _r CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
34		+PTC2_SYNC_TWO			
35		(CIC_VAL := CIC_VAL2)			
36		+ PO_RR_2			
37		?TIMEOUT TWAIT		(I)	
38		+PTC2_SYNC_TWO			
39		(CIC_VAL := CIC_VAL2)			
40		+ PO_RR_2			
41		?TIMEOUT TWAIT		(I)	
42		+PTC2_SYNC_TWO			
43		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL))		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
44		(CIC_VAL := CIC_VAL2)			
45		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510210 Group : DSS1-ISUP/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a REL message from user C, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold and sends a DISCONNECT message for call A-C. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
7		+PR_N100_1_TWO			
8		L1!PDU	Ms(FC_S2(0,CREF,BegPTY3inv))		
9		+PTC1_SYNC_0_TWO			
10		START TWAIT			
11		L1?PDUr CANCEL TWAIT	Mr(DI_R1(1,CREF2))	(P)	
12		+PTC1_SYNC_0_TWO			
13		+PO_SR_1_TWO(0,0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0_TWO			
16		+PO_SR_1_TWO(0,0)			
		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2_TWO)			
18		+PR_N100_2_TWO			
19		+PR_3PTY_2			
20		+PTC2_SYNC_TWO			
21		L2!P_PDU	TrR(P_REL_S(CIC_VAL2))		
22		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
23		L2?P_PDUr CANCEL TWAIT	TrI(P_RLC_R(CIC_VAL2))	(P)	
24		+PTC2_SYNC_TWO			
25		+ PO_RR_2			
26		?TIMEOUT TWAIT		(I)	
27		+PTC2_SYNC_TWO			
28		L2!P_PDU	TrR(P_RLC_S (CIC_VAL2))		
29		+PO_RR_2			
30		L2?P_PDUr	TrI(P_RLC_R(CIC_VAL2))	(P)	
31		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
32		+PTC2_SYNC_TWO			
33		+ PO_RR_2			
34		?TIMEOUT TWAIT		(I)	
35		+PTC2_SYNC_TWO			
36		+ PO_RR_2			
37		?TIMEOUT TWAIT		(I)	
38		+PTC2_SYNC_TWO			
39		L2!P_PDU	TrR(P_RLC_S (CIC_VAL2))		
40		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510211 Group : DSS1_ISUP/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with one call in state N10 (towards remote user B, user C has disconnected; 3PTY conference had been established), on receipt of a RETRIEVE message for call A-B, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(0,0))			
7		+PR_N100_1_TWO			
8		L1!PDUs	Ms(FC_S2(0,CREF,BegPTY3inv))		
9		+PTC1_SYNC_0_TWO			
10		START TWAIT			
11		L1?PDUr CANCEL TWAIT	Mr(DI_R1(1,CREF2))	(P)	
12		L1!PDUs START TAC	Ms(RL_S1(0,CREF2,16))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF2))		
14		L1!PDUs START TAC	Ms(RT_S1(0,CREF))		
15		L1?PDUr CANCEL TAC	Mr(RTA_R1(1,CREF))		
16		+PTC1_SYNC_0			
17		+PO_SR_1(0)			
18		?TIMEOUT TAC		(F)	no response
19		+PTC1_SYNC_0			
20		+PO_SR_1(0)			
21		?TIMEOUT TAC		(F)	no response
22		+PTC1_SYNC_0_TWO			
23		L1!PDUs	Ms(RC_S1(0,CREF2))		
24		+PO_SR_1(0)			
25		?TIMEOUT TWAIT		(I)	
26		+PTC1_SYNC_0_TWO			
27		+PO_SR_1_TWO(0,0)			
		PTC2_IN			
28		ACTIVATE(OtherwiseFail_2_TWO)			
29		+PR_N100_2_TWO			
30		+PR_3PTY_2			
31		+PTC2_SYNC_TWO			
32		L2!P_PDUs START TWAIT	TrR(P_REL_S(CIC_VAL2))		
33		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
34		L2?P_PDUr CANCEL TWAIT	TrI(P_RLC_R(CIC_VAL2))	(P)	
35		+WAIT_CPG			
36		?TIMEOUT TWAIT		(I)	
37		+PTC2_SYNC_TWO			
38		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
39		+PO_RR_2			
40		L2?P_PDUr	TrI(P_RLC_R(CIC_VAL2))	(P)	
41		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
42		+WAIT_CPG			
43		?TIMEOUT TWAIT		(I)	
44		+PTC2_SYNC_TWO			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
45		+ PO_RR_2			
46		?TIMEOUT TWAIT		(I)	
47		+PTC2_SYNC_TWO			
48		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
49		+ PO_RR_2			
		WAIT_CPG			
50		START TWAIT			
51		L2?P_PDUr CANCEL TWAIT, START TNOAC	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('C3'O)))	(P)	
52		L2?P_PDUr CANCEL TNOAC	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('FA'O)))		
53		+PTC2_SYNC_TWO			
54		+PO_RR_2			
55		?TIMEOUT TNOAC			
56		+PTC2_SYNC_TWO			
57		+PO_RR_2			
58		?TIMEOUT TWAIT		(I)	
59		+PTC2_SYNC_TWO			
60		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510301 Group : DSS1_ISUP/PTY3/Notification_T/ Purpose : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = Conference established, sends a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference established and the Event information parameter coded Event indicator = Progress. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N10_1			
8		+PTC1_SYNC_0			
9		L1!PDUs	Ms(NO_S1(0,CREF,NOID_SR('C2'O)))		
10		+PTC1_SYNC_0			
11		+ PO_SR_1(0)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N10_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C2'O)))	(P)	
17		+PTC2_SYNC			
18		+ PO_RR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510302 Group : DSS1_ISUP/PTY3/Notification_T/ Purpose : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = Conference disconnected, sends a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected and the Event information parameter coded Event indicator = Progress. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N10_1			
8		+PTC1_SYNC_0			
9		L1!PDUs	Ms(NO_S1(0,CREF,NOID_SR('C2'O)))		
10		L1!PDUs	Ms(NO_S1(0,CREF,NOID_SR('C3'O)))		
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N10_2			
15		+PTC2_SYNC			
16		START TWAIT			
17		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C2'O)))	(P)	
18		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C3'O)))	(P)	
19		+PTC2_SYNC			
20		+ PO_RR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			
23		+ PO_SR_2			
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP510303 Group : DSS1_ISUP/PTY3/Notification_T/ Purpose : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = remote hold, sends a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold and the Event information parameter coded Event indicator = Progress. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N10_1			
8		+PTC1_SYNC_0			
9		L1!PDUs	Ms(NO_S1(0,CREF,NOID_SR('F9'O)))		
10		+PTC1_SYNC_0			
11		+ PO_SR_1(0)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N10_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('F9'O)))	(P)	
17		+PTC2_SYNC			
18		+ PO_RR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC511101 Group : DSS1_ISUP/CUG/Subscribed/ Purpose : Ensure that the SUT in state N3 (implicit CUG request), on receipt of a REL message with the Cause indicators parameter coded Cause value = 55, Incoming calls barred within CUG, sends a DISCONNECT message with the Cause information element coded Cause value = 29, Facility rejected. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R4(1, CREF,29))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S1 (CIC_VAL,'0000'B, '0110111'B))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(F)	
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC511102 Group : DSS1_ISUP/CUG/Subscribed/ Purpose : Ensure that the SUT in state N3 (explicit CUG request), on receipt of a REL message with the Cause indicators parameter coded Cause value = 55, Incoming calls barred within CUG, sends a DISCONNECT message with the Cause information element coded Cause value = 29, Facility rejected and with the Facility information element containing a CUGCall return error component coded Error value = incominCallBarredWithinCUG. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_CUG			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_FAC(1, CREF, CUG_Re(1,19), 29))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUr START TAC	TrR(P_REL_S1(CIC_VAL,'0000'B,'0110111'B))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(F)	
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC511103 Group : DSS1_ISUP/CUG/Subscribed/ Purpose : Ensure that the SUT in state N3 (implicit CUG request), on receipt of a REL message with the Cause indicators parameter coded Cause value = 87, User not member of CUG, sends a DISCONNECT message with the Cause information element coded Cause value = 87, User not member of CUG. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R4(1, CREF, 87))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S1 (CIC_VAL,'0000'B, '1010111'B))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(F)	
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TC511104
Group : DSS1_ISUP/CUG/Subscribed/
Purpose : Ensure that the SUT in state N3 (explicit CUG request), on receipt of a REL message with the Cause indicators parameter coded
Cause value = 87, User not member of CUG,
sends a DISCONNECT message with the Cause information element coded
Cause value = 29, Facility rejected
and with the Facility information element containing a CUGCall return error component coded
Error value = userNotMemberOfCUG.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_CUG			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_FAC(1, CREF, CUG_Re (1,20), 29))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S1 (CIC_VAL,'0000'B, '1010111'B))		
20		L2? P_PDUs CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(F)	
23		+PTC2_SYNC			
24		+ PO_RR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TC511105 Group : DSS1-ISUP/CUG/Subscribed/ Purpose : Ensure that the SUT in state N3 (implicit CUG request), on receipt of a REL message with the Cause indicators parameter coded Cause value = 29, Facility rejected Diagnostics = Closed user group interlock code parameter name, sends a DISCONNECT message with the Cause information element coded Cause value = 87, User not member of CUG. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R4(1, CREF, 87))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S_diag (CIC_VAL, '1010111'B, '1A'O))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(F)	
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TC511106

Group : DSS1_ISUP/CUG/Subscribed/

Purpose : Ensure that the SUT in state N3 (explicit CUG request), on receipt of a REL message with the Cause indicators parameter coded
Cause value = 29, Facility rejected
Diagnostics = Closed user group interlock code parameter name,
sends a DISCONNECT message with the Cause information element coded
Cause value = 29, Facility rejected
and with the Facility information element containing a CUGCall return error
component coded
Error value = userNotMemberOfCUG.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_CUG			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_FAC(1, CREF, CUG_Re (1,20), 29))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S_diag (CIC_VAL, '0011101'B, '1A'O))		
20		L2? P_PDUsr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(F)	
23		+PTC2_SYNC			
24		+ PO_RR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TC511107 Group : DSS1-ISUP/CUG/Subscribed/ Purpose : Ensure that the SUT in state N3 (implicit CUG request), on receipt of a REL message with the Cause indicators parameter coded Cause value = other than 29, 55 or 87, sends a DISCONNECT message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R1 (1, CREF))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUr START TAC	TrR(P_REL_S (CIC_VAL))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(F)	
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TC511108

Group : DSS1_ISUP/CUG/Subscribed/

Purpose : Ensure that the SUT in state N3 (explicit CUG request), on receipt of a REL message with the Cause indicators parameter coded
Cause value = other than 29, 55 or 87,
sends a DISCONNECT message with the Facility information element containing
a CUGCall return error component coded
Error value = basicServiceNotProvided.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_CUG			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_FAC(1, CREF, CUG_Re (1,8),?))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S (CIC_VAL))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(F)	
23		+PTC2_SYNC			
24		+ PO_RR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TC511109_01 Group : DSS1_ISUP/CUG/Subscribed/TC511109/ Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Facility information element containing a CUGCall invoke component coded, OARrequested = TRUE, CUGIndex present, sends an IAM message with the Optional forward call indicators parameter coded Closed user group call indicator = closed user group call, outgoing access allowed or closed user group call, outgoing access not allowed and with the Closed user group interlock code parameter giving the interlock code of the CUG identified by the CUGIndex. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N00_1			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(SU_S_FAC (0,CREF,B_CHN,CUG_Inv(TRUE)))		
10		L1?PDUR CANCEL TAC	Mr(CP_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		+ PO_RR_1(0)			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R1_CUG)	(P)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TC511109_02
Group : DSS1_ISUP/CUG/Subscribed/TC511109/
Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Facility information element containing a CUGCall invoke component coded, OARrequested = FALSE, CUGIndex present, sends an IAM message with the Optional forward call indicators parameter coded Closed user group call indicator = closed user group call, outgoing access allowed or closed user group call, outgoing access not allowed and with the Closed user group interlock code parameter giving the interlock code of the CUG identified by the CUGIndex.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N00_1			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(SU_S_FAC (0,CREF,B_CHN,CUG_Inv(FALSE)))		
10		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		+ PO_RR_1(0)			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R1_CUG)	(P)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour

Test Case Name : TC511110

Group : DSS1_ISUP/CUG/Subscribed/

Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Facility information element containing a CUGCall invoke component coded, OARrequested = FALSE
CUGIndex not present,
sends an IAM message with the Optional forward call indicators parameter coded
Closed user group call indicator = closed user group call, outgoing access allowed
or closed user group call, outgoing access not allowed
and with the Closed user group interlock code parameter giving the interlock code of the nominated CUGIndex.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N00_1			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(SU_S_FAC (0,CREF,B_CHN,CUG_Inv1(FALSE))		
10		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		+ PO_RR_1(0)			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R1_CUG)	(P)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour

Test Case Name : TC511111

Group : DSS1_ISUP/CUG/Subscribed/

Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message without a Facility information element,
sends an IAM message with the Optional forward call indicators parameter coded
Closed user group call indicator = closed user group call, outgoing access allowed
or closed user group call, outgoing access not allowed
and with the Closed user group interlock code parameter giving the interlock code of the nominated CUGIndex.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N00_1			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(SU_S1(0,CREF,B_CHN))		
10		L1?PDUR CANCEL TAC	Mr(CP_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		+ PO_RR_1(0)			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R1_CUG)	(P)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TC511112 Group : DSS1-ISUP/CUG/Subscribed/ Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Facility information element containing a CUGCall invoke component coded, OARrequested = TRUE CUGIndex not present, sends an IAM message optionally with the Optional forward call indicators parameter coded Closed user group call indicator = non-CUG call and without the Closed user group interlock code parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N00_1			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(SU_S_FAC (0,CREF,B_CHN,CUG_Inv1(TRUE)))		
10		L1!PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		+ PO_RR_1(0)			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R2_CUG)	(P)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TC511113
Group : DSS1-ISUP/CUG/Subscribed/
Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Facility information element containing a CUGCall invoke component coded, OARrequested = FALSE, CUGIndex not present, sends an IAM message optionally with the Optional forward call indicators parameter coded
Closed user group call indicator = non-CUG call
and without the Closed user group interlock code parameter.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N00_1			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(SU_S_FAC (0,CREF,B_CHN,CUG_Inv1(FALSE)))		
10		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		+ PO_RR_1(0)			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R2_CUG)	(P)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TC511114 Group : DSS1-ISUP/CUG/Subscribed/ Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message without a Facility information element, sends an IAM message optionally with the Optional forward call indicators parameter coded Closed user group call indicator = non-CUG call and without the Closed user group interlock code parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N00_1			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(SU_S1(0,CREF,B_CHN))		
10		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		+ PO_RR_1(0)			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R2_CUG)	(P)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC511201 Group : DSS1_ISUP/CUG/Not_Subscribed/ Purpose : Ensure that the SUT in state N3, on receipt of a REL message with the Cause indicators parameter coded Cause value = 87, User not member of CUG, sends a DISCONNECT message with the Cause information element coded Cause value = 87, User not member of CUG. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R4(1, CREF,87))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUS START TAC	TrR(P_REL_S1 (CIC_VAL,'0000'B, '1010111'B))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(F)	
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512101 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a User-user information element without user information, sends an IAM message with the User-to-user parameter without user information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+PTC_Ready			
4		CPA1!CP_M	S_MSG		
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N00_1			
9		CPA1!CP_M	RDY		
10		CPA1?CP_M	S_MSG		
11		L1!PDUs START TAC	Ms(SU_S_UUS(0,CREF,B_CHN,UUI_RS_NO_UI))		
12		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		+ PO_RR_1(0)			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_RR_1(0)			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		CPA2!CP_M START TWAIT	RDY		
20		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS(P_UUInf_RS_NO_UI))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512102 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a User-user information element with user information, sends an IAM message with the User-to-user parameter with user information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+PTC_Ready			
4		CPA1!CP_M	S_MSG		
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N00_1			
9		CPA1!CP_M	RDY		
10		CPA1?CP_M	S_MSG		
11		L1!PDUs START TAC	Ms(SU_S_UUS(0,CREF,B_CHN,UUI_RS_UI))		
12		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		+ PO_RR_1(0)			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_RR_1(0)			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		CPA2!CP_M START TWAIT	RDY		
20		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS(P_UUInf_RS_UI))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512103 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been activated), on receipt of an ACM message with the Backward call indicators parameter coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN and with a User-to-user parameter, sends an ALERTING message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R_UUS(1,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_imp			
18		+PTC2_SYNC			
19		L2!P_PDUS	TrR(P_ACM_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512104 Group : DSS1-ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been activated), on receipt of a CPG message with the Event information parameter coded Event.indicator = ALERTING and with a User-to-user parameter, sends an ALERTING message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R_UUS(1,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_imp			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_CPG_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512105 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been activated), on receipt of a CON message with a User-to-user parameter, sends a CONNECT message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R_UUS(1,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_imp			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512106 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of an ANM message with a User-to-user parameter, sends a CONNECT message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R_UUS(1,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_UUS1_imp			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512107 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a REL message with a User-to-user parameter, sends a DISCONNECT message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS(1,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_UUS1_imp			
18		+PTC2_SYNC			
19		L2!P_PDUr START TAC	TrR(P_REL_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512108 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a REL message with a User-to-user parameter, sends a DISCONNECT message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N100_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R_UUS(1,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N100_2_UUS1_imp			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512109 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a DISCONNECT message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(DI_S_UUS(0,CREF,UUI_RS_UI,16))		
10		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
11		L1!PDUs	Ms(RC_S1(0,CREF))		
12		+PTC1_SYNC_0			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_UUS1_imp			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
21		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512110 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a RELEASE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		L1!PDU _s START TAC	Ms(RL_S_UUS(0,CREF,UUI_RS_UI,16))		
10		L1?PDU _r CANCEL TAC	Mr(RC_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		?TIMEOUT TAC			
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N04_2_UUS1_imp			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDU _r CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
20		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512111 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a RELEASE COMPLETE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		L1!PDUs	Ms(RC_S_UUS(0,CREF,UUI_RS_UI,16))		
10		+PTC1_SYNC_0			
		PTC2_IN			
11		ACTIVATE(OtherwiseFail_2)			
12		+PR_N04_2_UUS1_imp			
13		+PTC2_SYNC			
14		START TWAIT			
15		L2?P_PDUsr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
16		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
17		+PTC2_SYNC			
18		?TIMEOUT TWAIT		(I)	
19		+PTC2_SYNC			
20		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512112 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a DISCONNECT message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N100_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(DI_S_UUS(0,CREF,UUI_RS_UI,16))		
10		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
11		L1!PDUs	Ms(RC_S1(0,CREF))		
12		+PTC1_SYNC_0			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N100_2_UUS1_imp			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
21		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512113 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a RELEASE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N100_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		L1!PDU _s START TAC	Ms(RL_S_UUS(0,CREF,UUI_RS_UI,16))		
10		L1?PDU _r CANCEL TAC	Mr(RC_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		?TIMEOUT TAC			
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N100_2_UUS1_imp			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDU _r CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
20		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512114 Group : DSS1_ISUP/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a RELEASE COMPLETE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N100_1_UUS1_imp			
8		+PTC1_SYNC_0			
9		L1!PDUs	Ms(RC_S_UUS(0,CREF,UUI_RS_UI,16))		
10		+PTC1_SYNC_0			
		PTC2_IN			
11		ACTIVATE(OtherwiseFail_2)			
12		+PR_N100_2_UUS1_imp			
13		+PTC2_SYNC			
14		START TWAIT			
15		L2?P_PDUsr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
16		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
17		+PTC2_SYNC			
18		?TIMEOUT TWAIT		(I)	
19		+PTC2_SYNC			
20		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512201 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Facility information element containing a UserUserService invoke component coded Service = Service1 Preferred = preferred request and without the User-user information element, sends an IAM message with the User-to-user indicators parameter coded Type = request Service 1 = request, not essential Service 2 = no information Service 3 = no information, the Forward call indicators parameter coded ISDN user part preference parameter = ISDN user part preferred all the way and without the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+PTC_Ready			
4		CPA1!CP_M	S_MSG		
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N00_1			
9		CPA1!CP_M	RDY		
10		CPA1?CP_M	S_MSG		
11		L1!PDUs START TAC	Ms(SU_S_UUS_FAC(0,CREF,B_CHN, UUSinv1(TRUE),-))		
12		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		+ PO_RR_1(0)			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_RR_1(0)			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		CPA2!CP_M START TWAIT	RDY		
20		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS_UUI('00'B,'0'B,' 10'B,-))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP512202
Group : DSS1_ISUP/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Facility information element containing a UserUserService invoke component coded
Service = Service1
Preferred = preferred request,
and with the User-user information element,
sends an IAM message with the User-to-user indicators parameter coded
Type = request
Service 1 = request, not essential
Service 2 = no information
Service 3 = no information,
the Forward call indicators parameter coded
ISDN user part preference parameter = ISDN user part preferred all the way
and with the User-to-user parameter.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+PTC_Ready			
4		CPA1!CP_M	S_MSG		
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N00_1			
9		CPA1!CP_M	RDY		
10		CPA1?CP_M	S_MSG		
11		L1!PDUs START TAC	Ms(SU_S_UUS_FAC(0,CREF,B_CHN, UUSinv1(TRUE),UUI_RS_UI))		
12		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		+ PO_RR_1(0)			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_RR_1(0)			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		CPA2!CP_M START TWAIT	RDY		
20		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS_UUI('00'B,'0'B,' 10'B,P_UUInf_RS_UI))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP512203 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Facility information element containing a UserUserService invoke component coded Service = Service1 Preferred = required request and without the User-user information element, sends an IAM message with the User-to-user indicators parameter coded Type = request Service 1 = request, essential Service 2 = no information Service 3 = no information, the Forward call indicators parameter coded ISDN user part preference parameter = ISDN user part required all the way and without the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+PTC_Ready			
4		CPA1!CP_M	S_MSG		
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N00_1			
9		CPA1!CP_M	RDY		
10		CPA1?CP_M	S_MSG		
11		L1!PDUs START TAC	Ms(SU_S_UUS_FAC(0,CREF,B_CHN, UUSinv1(FALSE),-))		
12		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		+ PO_RR_1(0)			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_RR_1(0)			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		CPA2!CP_M START TWAIT	RDY		
20		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS_UUI('10'B,'0'B,' 11'B,-))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP512204
Group : DSS1_ISUP/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Facility information element containing a UserUserService invoke component coded
Service = Service1
Preferred = required request
and with the User-user information element,
sends an IAM message with the User-to-user indicators parameter coded
Type = request
Service 1 = request, essential
Service 2 = no information
Service 3 = no information,
the Forward call indicators parameter coded
ISDN user part preference parameter = ISDN user part required all the way
and with the User-to-user parameter.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N00_MTC			
3		+PTC_Ready			
4		CPA1!CP_M	S_MSG		
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N00_1			
9		CPA1!CP_M	RDY		
10		CPA1?CP_M	S_MSG		
11		L1!PDUs START TAC	Ms(SU_S_UUS_FAC(0,CREF,B_CHN, UUSinv1(FALSE),UUI_RS_UI))		
12		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		+ PO_RR_1(0)			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_RR_1(0)			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		CPA2!CP_M START TWAIT	RDY		
20		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS_UUI('10'B,'0'B,'11'B,P_UUInf_RS_UI))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP512205 Group : DSS1-ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of an ACM message with the Backward call indicators parameter coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the User-to-user indicators parameter coded Type = response Service 1 = provided and without a User-to-user parameter, sends an ALERTING message with a Facility information element containing a UserUserService return result component and without the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R_UUS_FAC(1,CREF,UUSrr(1),-))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S_UUS_UUI(CIC_VAL,'1'B,'10'B,-))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP512206
Group : DSS1_ISUP/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of an ACM message with the Backward call indicators parameter coded
 Called party's status indicator = subscriber free
 ISUP indicator = ISUP used all the way
 ISDN indicator = terminating access is ISDN,
 the User-to-user indicators parameter coded
 Type = response
 Service 1 = provided
 and with a User-to-user parameter,
 sends an ALERTING message with a Facility information element containing a
 UserUserService return result component and with the User-user information
 element.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R_UUS_FAC(1,CREF,UUSrr (1),UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S_UUS_UUI(CIC_VAL, '1'B,'10'B,P_UUInf_RS_UI))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP512207 Group : DSS1-ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a CPG message with the Event information parameter coded Event indicator = ALERTING the User-to-user indicators parameter coded Type = response Service 1 = provided and without a User-to-user parameter, sends an ALERTING message with a Facility information element containing a UserUserService return result component and without the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R_UUS_FAC(1,CREF,UUSrr(1),-))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_CPG_S_UUS_UUI(CIC_VAL, '1'B, '10'B,-))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512208 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a CPG message with the Event information parameter coded Event indicator = ALERTING the User-to-user indicators parameter coded Type = response Service 1 = provided and with a User-to-user parameter, sends an ALERTING message with a Facility information element containing a UserUserService return result component and with the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R_UUS_FAC(1,CREF,UUSrr (1),UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_CPG_S_UUS_UUI(CIC_VAL, '1'B,'10'B,P_UUInf_RS_UI))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour				
Test Case Name : TP512209 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of an ANM message with the User-to-user indicators parameter coded Type = response Service 1 = provided and without a User-to-user parameter, sends a CONNECT message with a Facility information element containing a UserUserService return result component and without the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_OUT_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N03_1_UUS1_exp(TRUE)		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUr CANCEL TWAIT	Mr(CN_R_UUS_FAC(1,CREF,UUSrr(1),-))	(P)
11		+PTC1_SYNC_0		
12		+ PO_SR_1(0)		
13		?TIMEOUT TWAIT		(I)
14		+PTC1_SYNC_0		
15		+ PO_SR_1(0)		
		PTC2_IN		
16		ACTIVATE(OtherwiseFail_2)		
17		+PR_N03_2_UUS1_exp(TRUE)		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))	
20		L2!P_PDUs	TrR(P_ANM_S_UUS_UUI(CIC_VAL, '1'B, '10'B, -))	
21		+PTC2_SYNC		
22		+ PO_RR_2		
Detailed Comments :				

Test Case Dynamic Behaviour

Test Case Name : TP512210
Group : DSS1_ISUP/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of an ANM message with the User-to-user indicators parameter coded
Type = response
Service 1 = provided
and with a User-to-user parameter,
sends a CONNECT message with a Facility information element containing a UserUserService return result component and with the User-user information element.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R_UUS_FAC(1,CREF,UUSrr(1),UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_ANM_S_UUS_UUI(CIC_VAL, '1'B, '10'B,P_UUInf_RS_UI))		
21		+PTC2_SYNC			
22		+ PO_RR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP512211 Group : DSS1-ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a CON message with the User-to-user indicators parameter coded Type = response Service 1 = provided and without a User-to-user parameter, sends a CONNECT message with a Facility information element containing a UserUserService return result component and without the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R_UUS_FAC(1,CREF,UUSrr(1),-))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S_UUS_UUI(CIC_VAL, '1'B, '10'B,-))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512212 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a CON message with the User-to-user indicators parameter coded Type = response Service 1 = provided and with a User-to-user parameter, sends a CONNECT message with a Facility information element containing a UserUserService return result component and with the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R_UUS_FAC(1,CREF,UUSrr(1),UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S_UUS_UUI(CIC_VAL, '1'B, '10'B,P_UUInf_RS_UI))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour				
Test Case Name : TP512213 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a REL message with the User-to-user indicators parameter coded Type = response Service 1 = provided and without a User-to-user parameter, sends a DISCONNECT message with a Facility information element containing a UserUserService return result component and without the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_OUT_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N03_1_UUS1_exp(TRUE)		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS_FAC(1,CREF,UUSrr(1),-,16))	(P)
11		+PTC1_SYNC_0		
12		+ PO_SR_1(0)		
13		?TIMEOUT TWAIT		(I)
14		+PTC1_SYNC_0		
15		+ PO_SR_1(0)		
		PTC2_IN		
16		ACTIVATE(OtherwiseFail_2)		
17		+PR_N03_2_UUS1_exp(TRUE)		
18		+PTC2_SYNC		
19		L2!P_PDUs START TAC	TrR(P_REL_S_UUS_UUI(CIC_VAL, '1'B, '10'B, -))	
20		L2? P_PDUs CANCEL TAC	TrI(P_RLC_R(CIC_VAL))	
21		+PTC2_SYNC		
22		?TIMEOUT TAC		
23		+PTC2_SYNC		
24		+ PO_RR_2		
Detailed Comments :				

Test Case Dynamic Behaviour					
Test Case Name : TP512214 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a REL message with the User-to-user indicators parameter coded Type = response Service 1 = provided and with a User-to-user parameter, sends a DISCONNECT message with a Facility information element containing a UserUserService return result component and with the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS_FAC(1,CREF,UUSrr(1),UUI_RS_UI,16))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S_UUS_UUI(CIC_VAL, '1'B, '10'B,P_UUInf_RS_UI))		
20		L2? P_PDUs CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512215 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of an ANM message with the User-to-user parameter, sends a CONNECT message with the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R_UUS(1,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_ANM_S_UUS(CIC_VAL,P_UUInf_RS_UI))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512216 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a REL message with the User-to-user parameter, sends a DISCONNECT message with the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R_UUS(1,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512217 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a REL message with the User-to-user parameter, sends a DISCONNECT message with the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N100_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS(1,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N100_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUr START TAC	TrR(P_REL_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512218 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a DISCONNECT message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(DI_S_UUS(0,CREF,UUI_RS_UI,16))		
10		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
11		L1!PDUs	Ms(RC_S1(0,CREF))		
12		+PTC1_SYNC_0			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
21		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512219 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a RELEASE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(RL_S_UUS(0,CREF,UUI_RS_UI,16))		
10		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		?TIMEOUT TAC			
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N04_2_UUS1_exp(TRUE)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
20		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512220 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a RELEASE COMPLETE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		L1!PDUs	Ms(RC_S_UUS(0,CREF,UUI_RS_UI,16))		
10		+PTC1_SYNC_0			
		PTC2_IN			
11		ACTIVATE(OtherwiseFail_2)			
12		+PR_N04_2_UUS1_exp(TRUE)			
13		+PTC2_SYNC			
14		START TWAIT			
15		L2?P_PDUsr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
16		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
17		+PTC2_SYNC			
18		?TIMEOUT TWAIT		(I)	
19		+PTC2_SYNC			
20		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512221 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a DISCONNECT message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N100_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(DI_S_UUS(0,CREF,UUI_RS_UI,16))		
10		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
11		L1!PDUs	Ms(RC_S1(0,CREF))		
12		+PTC1_SYNC_0			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N100_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
21		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512222 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a RELEASE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N100_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		L1!PDU _s START TAC	Ms(RL_S_UUS(0,CREF,UUI_RS_UI,16))		
10		L1?PDU _r CANCEL TAC	Mr(RC_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		?TIMEOUT TAC			
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N100_2_UUS1_exp(TRUE)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDU _r CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
20		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512223 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a RELEASE COMPLETE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N100_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		L1!PDUs	Ms(RC_S_UUS(0,CREF,UUI_RS_UI,16))		
10		+PTC1_SYNC_0			
		PTC2_IN			
11		ACTIVATE(OtherwiseFail_2)			
12		+PR_N100_2_UUS1_exp(TRUE)			
13		+PTC2_SYNC			
14		START TWAIT			
15		L2?P_PDUsr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
16		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
17		+PTC2_SYNC			
18		?TIMEOUT TWAIT		(I)	
19		+PTC2_SYNC			
20		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512224_01 Group : DSS1_ISUP/UUS/UUS1_explicit/TP512224/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "required"), on receipt of a REL message with the Cause parameter coded Cause value = Facility rejected Diagnostics = User-user indicators parameter name, sends a DISCONNECT message with the Cause information element coded Cause value = Facility rejected, and with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(FALSE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS_FAC(1,CREF,UUSre(1,2),-,29))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(FALSE)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S_diag(CIC_VAL, '0011101'B, '2A'O))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512224_02 Group : DSS1_ISUP/UUS/UUS1_explicit/TP512224/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "required"), on receipt of a REL message with the Cause parameter coded Cause value = Requested facility not implemented Diagnostics = User-user indicators parameter name, sends a DISCONNECT message with the Cause information element coded Cause value = Requested facility not implemented, and with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(FALSE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS_FAC(1,CREF,UUSre(1,2),-,69))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(FALSE)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S_diag(CIC_VAL, '1000101'B, '2A'O))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512225 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "required"), on receipt of an ANM message without the User-to-user indicators parameter, sends a DISCONNECT message with the Cause information element coded Cause value = 69, Requested facility not implemented, and with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(FALSE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R_UUS_FAC(1,CREF,UUSre(1,2),-,69))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(FALSE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512226 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "required"), on receipt of a CON message without the User-to-user indicators parameter, sends a DISCONNECT message with the Cause information element coded Cause value = 69, Requested facility not implemented, and with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(FALSE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R_UUS_FAC(1,CREF,UUSre(1,2),-,69))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(FALSE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512227 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "required"), on receipt of a REL message without the User-to-user indicators parameter, sends a DISCONNECT message with the Cause information element coded Cause value = 69, Requested facility not implemented, and with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(FALSE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R_UUS_FAC(1,CREF,UUSre(1,2),-,69))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(FALSE)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL, '0000'B, '0010000'B))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512228 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "preferred"), on receipt of an ACM message with the Backward call indicators parameter coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN and the User-to-user indicators parameter coded Type = response Service 1 = not provided, sends an ALERTING message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R_UUS_FAC(1,CREF,UUSre (1,2),-))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S_UUS_UUI(CIC_VAL, '1'B,'01'B,-))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP512229
Group : DSS1_ISUP/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "preferred"), on receipt of a CPG message with the Event information parameter coded
 Event indicator = ALERTING
 and the User-to-user indicators parameter coded
 Type = response
 Service 1 = not provided,
 sends an ALERTING message with a Facility information element containing a UserUserService return error component coded
 Error value = rejectedByUser.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R_UUS_FAC(1,CREF,UUSre (1,2),-))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_CPG_S_UUS_UUI(CIC_VAL, '1'B,'01'B,-))		
21		+PTC2_SYNC			
22		+ PO_RR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP512230 Group : DSS1-ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "preferred"), on receipt of an ANM message with the User-to-user indicators parameter coded Type = response Service 1 = not provided, sends a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R_UUS_FAC(1,CREF,UUSre(1,2),-))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_ANM_S_UUS_UUI(CIC_VAL, '1'B, '01'B,-))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512231 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "preferred"), on receipt of a CON message with the User-to-user indicators parameter coded Type = response Service 1 = not provided, sends a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R_UUS_FAC(1,CREF,UUSre(1,2),-))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S_UUS_UUI(CIC_VAL, '1'B, '01'B, -))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512232 Group : DSS1-ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "preferred"), on receipt of a REL message with the User-to-user indicators parameter coded Type = response Service 1 = not provided, sends a DISCONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS_FAC(1,CREF,UUSre(1,2),-,16))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S_UUS_UUI(CIC_VAL, '1'B, '01'B, -))		
20		L2? P_PDUs CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512233 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "preferred"), on receipt of an ANM message without the User-to-user indicators parameter, sends a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R_UUS_FAC(1,CREF,UUSre(1,2),-))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512234 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "preferred"), on receipt of a CON message without the User-to-user indicators parameter, sends a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R_UUS_FAC(1,CREF,UUSre(1,2),-))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP512235 Group : DSS1_ISUP/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N3 (UUS1 has been requested as "preferred"), on receipt of a REL message without the User-to-user indicators parameter, sends a DISCONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_OUT_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS_FAC(1,CREF,UUSre(1,2),-,16))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL, '0000'B, '0010000'B))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP610101 Group : ISUP_DSS1/PTY3/Notification_from_Network/ Purpose : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference established, sends a NOTIFY message with the Notification indicator information element coded Notification description = Conference established. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10_1_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(NO_R2 (0, CREF,NOID_SR('C2'O)))	(P)	
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N10_2_1			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('C2'O)))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP610102
Group : ISUP_DSS1/PTY3/Notification_from_Network/
Purpose : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = Conference disconnected,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = Conference disconnected.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10_1_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(NO_R2 (0, CREF,NÖID_SR('C3'O)))	(P)	
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N10_2_1			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('C2'O)))		
20		L2!P_PDUs	TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('C3'O)))		
21		+PTC2_SYNC			
22		+ PO_RR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP610103 Group : ISUP_DSS1/PTY3/Notification_from_Network/ Purpose : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold, sends a NOTIFY message with the Notification indicator information element coded Notification description = remote hold. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10_1_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(NO_R2 (0, CREF,NOID_SR('F9'O)))	(P)	
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N10_2_1			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('F9'O)))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP610104 Group : ISUP_DSS1/PTY3/Notification_from_Network/ Purpose : Ensure that the SUT in state N10, on receipt of a CPG message with one Generic notification indicator parameter coded Notification indicator = Conference disconnected and another Generic notification indicator parameter coded Notification indicator = remote hold,, sends two Notification indicator information elements in either one or two NOTIFY messages, one coded Notification description = Conference disconnected and the other coded Notification description = remote hold. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10_1_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUr	Mr(NO_R2 (0, CREF,NOID_SR('F9'O)))		
11		L1?PDUr CANCEL TWAIT	Mr(NO_R2 (0, CREF,NOID_SR('C3'O)))	(P)	
12		+PTC1_SYNC_1			
13		+ PO_SR_1(1)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_1			
16		+ PO_SR_1(1)			
17		L1?PDUr	Mr(NO_R2 (0, CREF,NOID_SR('C3'O)))		
18		L1?PDUr CANCEL TWAIT	Mr(NO_R2 (0, CREF,NOID_SR('F9'O)))	(P)	
19		+PTC1_SYNC_1			
20		+ PO_SR_1(1)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
23		+ PO_SR_1(1)			
24		L1?PDUr CANCEL TWAIT	Mr(NO_R3 (0, CREF, NOID_SR('F9'O), NOID_SR('C3'O)))	(P)	
25		+PTC1_SYNC_1			
26		+ PO_SR_1(1)			
27		L1?PDUr CANCEL TWAIT	Mr(NO_R3 (0, CREF, NOID_SR('C3'O), NOID_SR('F9'O)))	(P)	
28		+PTC1_SYNC_1			
29		+ PO_SR_1(1)			
30		?TIMEOUT TWAIT		(I)	
31		+PTC1_SYNC_1			
32		+ PO_SR_1(1)			
		PTC2_IN			
33		ACTIVATE(OtherwiseFail_2)			
34		+PR_N10_2_1			
35		+PTC2_SYNC			
36		L2!P_PDUs	TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('C2'O)))		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
37		L2!P_PDUs	TrR(P_CPG_S_2NOT (CIC_VAL,P_GenNot_RS('F9'O),P _GenNot_RS('C3'O)))		
38		+PTC2_SYNC			
39		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP610201 Group : ISUP_DSS1/PTY3/Invocation_S-T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C), on receipt of a FACILITY message for call A-B with the Facility information element containing a Begin3PTY invoke component, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference established and sends towards user C a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference established. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
7		+PR_N10I_1_TWO			
8		+PTC1_SYNC_1_TWO			
9		L1!PDUs	Ms(FC_S2(1,CREF,BegPTY3inv))		
10		+PTC1_SYNC_1_TWO			
11		+PO_SR_1_TWO(1,1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2_TWO)			
13		+PR_N10I_2_TWO			
14		+PTC2_SYNC_TWO			
15		START TWAIT			
16		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C2'O)))	(P)	
17		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C2'O)))	(P)	
18		+PTC2_SYNC_TWO			
19		+ PO_RR_2_TWO			
20		?TIMEOUT TWAIT		(I)	
21		+PTC2_SYNC_TWO			
22		+ PO_RR_2_TWO			
23		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C2'O)))	(P)	
24		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C2'O)))	(P)	
25		+PTC2_SYNC_TWO			
26		+ PO_RR_2_TWO			
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC_TWO			
29		+ PO_RR_2_TWO			
30		?TIMEOUT TWAIT		(I)	
31		+PTC2_SYNC_TWO			
32		+ PO_RR_2_TWO			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP610202

Group : ISUP_DSS1/PTY3/Invocation_S_T/

Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a FACILITY message for call A-B with the Facility information element containing an End3PTY invoke component,
sends towards user B a CPG message with the Generic notification indicator parameter coded
Notification indicator = remote hold
and sends towards user C a CPG message with the Generic notification indicator parameter coded
Notification indicator = Conference disconnected.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
7		+PR_N10I_1_TWO			
8		L1!PDUs	Ms(FC_S2(1,CREF,BegPTY3inv))		
9		+PTC1_SYNC_1_TWO			
10		L1!PDUs	Ms(FC_S2(1,CREF,EndPTY3inv))		
11		+PTC1_SYNC_1_TWO			
12		+PO_SR_1_TWO(1,1)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2_TWO)			
14		+PR_N10I_2_TWO			
15		+PR_3PTY_2			
16		+PTC2_SYNC_TWO			
17		START TWAIT			
18		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
19		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
		+PTC2_SYNC_TWO			
21		+ PO_RR_2_TWO			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC_TWO			
24		+ PO_RR_2_TWO			
25		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
26		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
		+PTC2_SYNC_TWO			
28		+ PO_RR_2_TWO			
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC_TWO			
31		+ PO_RR_2_TWO			
32		?TIMEOUT TWAIT		(I)	
33		+PTC2_SYNC_TWO			
34		+ PO_RR_2_TWO			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP610203 Group : ISUP_DSS1/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been disconnected), on receipt of a HOLD message for call A-C, sends no message towards user B and sends towards user C a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
8		+PR_N10I_1_TWO			
9		L1!PDUs	Ms(FC_S2(1,CREF,BegPTY3inv))		
10		+PTC1_SYNC_1_TWO			
11		L1!PDUs	Ms(FC_S2(1,CREF,EndPTY3inv))		
12		+PTC1_SYNC_1_TWO			
13		L1!PDUs START TAC	Ms(HL_S1(1,CREF2))		
14		L1?PDUr CANCEL TAC	Mr(HA_R1(0,CREF2))		
15		+PTC1_SYNC_1_TWO			
16		+PO_SR_1_TWO(1,1)			
17		?TIMEOUT TAC		(F)	no response
18		+PTC1_SYNC_1_TWO			
19		+PO_SR_1_TWO(1,1)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2_TWO)			
21		+PR_N10I_2_TWO			
22		+PR_3PTY_2			
23		+PTC2_SYNC_TWO			
24		START TWAIT			
25		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2,P_GenNot_RS('C3'O)))		
26		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))		
27		+PTC2_SYNC_TWO			
28		+WAIT_CPG			
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC_TWO			
31		+ PO_RR_2_TWO			
32		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))		
33		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2,P_GenNot_RS('C3'O)))		
34		+PTC2_SYNC_TWO			
35		+WAIT_CPG			
36		?TIMEOUT TWAIT		(I)	
37		+PTC2_SYNC_TWO			
38		+ PO_RR_2_TWO			
39		?TIMEOUT TWAIT		(I)	
40		+PTC2_SYNC_TWO			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
41		+ PO_RR_2_TWO			
42		WAIT_CPG			
43		START TWAIT			
44		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('F9'O)))	(P)	
45		+PTC2_SYNC_TWO			
46		+ PO_RR_2_TWO			
47		?TIMEOUT TWAIT		(I)	
48		+PTC2_SYNC_TWO			
		+ PO_RR_2_TWO			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP610204 Group : ISUP_DSS1/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been disconnected, call A-C has been put on hold), on receipt of a RETRIEVE message for call A-B, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected and sends no message towards user C. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		+ MTC_SYNC			
6		+ MTC_SYNC			
7		?DONE(PTC1, PTC2)			
		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
9		+PR_N10I_1_TWO			
10		L1!PDUs	Ms(FC_S2(1,CREF,BegPTY3inv))		
11		+PTC1_SYNC_1_TWO			
12		L1!PDUs	Ms(FC_S2(1,CREF,EndPTY3inv))		
13		+PTC1_SYNC_1_TWO			
14		L1!PDUs START TAC	Ms(HL_S1(1,CREF2))		
15		L1?PDUr CANCEL TAC	Mr(HA_R1(0,CREF2))		
16		+PTC1_SYNC_1_TWO			
17		L1!PDUs START TAC	Ms(RT_S1(1,CREF))		
18		L1?PDUr CANCEL TAC	Mr(RTA_R1(0,CREF))		
19		+PTC1_SYNC_1_TWO			
20		+PO_SR_1_TWO(1,1)			
21		?TIMEOUT TAC		(F)	no response
22		+PTC1_SYNC_1_TWO			
23		+PO_SR_1_TWO(1,1)			
24		?TIMEOUT TAC		(F)	no response
25		+PTC1_SYNC_1_TWO			
26		+PO_SR_1_TWO(1,1)			
		PTC2_IN			
27		ACTIVATE(OtherwiseFail_2_TWO)			
28		+PR_N10I_2_TWO			
29		+PR_3PTY_2			
30		+PTC2_SYNC_TWO			
31		START TWAIT			
32		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2,P_GenNot_RS('C3'O)))		
33		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))		
34		+PTC2_SYNC_TWO			
35		+WAIT_CPG			
36		?TIMEOUT TWAIT		(I)	
37		+PTC2_SYNC_TWO			
38		+ PO_RR_2_TWO			
39		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))		
40		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2,P_GenNot_RS('C3'O)))		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
41		+PTC2_SYNC_TWO			
42		+WAIT_CPG			
43		?TIMEOUT TWAIT		(I)	
44		+PTC2_SYNC_TWO			
45		+ PO_RR_2_TWO			
46		?TIMEOUT TWAIT		(I)	
47		+PTC2_SYNC_TWO			
48		+ PO_RR_2_TWO			
		WAIT_CPG			
49		START TWAIT			
50		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('F9'O))	(P)	
51		+PTC2_SYNC_TWO			
52		START TWAIT			
53		L2?P_PDUr CANCEL TWAIT, START TNOAC	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('C3'O))	(P)	
54		L2?P_PDUr CANCEL TNOAC	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('FA'O))		
55		+PTC2_SYNC_TWO			
56		+PO_RR_2			
57		?TIMEOUT TNOAC			
58		+PTC2_SYNC_TWO			
59		+PO_RR_2			
60		?TIMEOUT TWAIT		(I)	
61		+PTC2_SYNC_TWO			
62		+PO_RR_2			
63		?TIMEOUT TWAIT		(I)	
64		+PTC2_SYNC_TWO			
65		+ PO_RR_2_TWO			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP610205
Group : ISUP_DSS1/PTY3/Invocation_S-T/
Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a FACILITY message for call A-C with the Facility information element containing an End3PTY invoke component,
sends towards user B a CPG message with one Generic notification indicator parameter coded
Notification indicator = Conference disconnected,
the other Generic notification indicator parameter coded
Notification indicator = remote hold
and sends towards user C a CPG message with the Generic notification indicator parameter coded
Notification indicator = Conference disconnected.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
7		+PR_N10I_1_TWO			
8		L1!PDUs	Ms(FC_S2(1,CREF,BegPTY3inv))		
9		+PTC1_SYNC_1_TWO			
10		L1!PDUs	Ms(FC_S2(1,CREF2,EndPTY3inv))		
11		+PTC1_SYNC_1_TWO			
12		+PO_SR_1_TWO(1,1)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2_TWO)			
14		+PR_N10I_2_TWO			
15		+PR_3PTY_2			
16		+PTC2_SYNC_TWO			
17		START TWAIT			
18		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
19		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_2NOT (CIC_VAL, P_GenNot_RS('C3'O),P_GenNot_RS('F9'O)))	(P)	
20		+PTC2_SYNC_TWO			
21		+ PO_RR_2_TWO			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC_TWO			
24		+ PO_RR_2_TWO			
25		L2?P_PDUr	TrI(P_CPG_R_2NOT (CIC_VAL, P_GenNot_RS('C3'O),P_GenNot_RS('F9'O)))	(P)	
26		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
27		+PTC2_SYNC_TWO			
28		+ PO_RR_2_TWO			
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC_TWO			
31		+ PO_RR_2_TWO			
32		?TIMEOUT TWAIT		(I)	
33		+PTC2_SYNC_TWO			
34		+ PO_RR_2_TWO			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP610206 Group : ISUP_DSS1/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a DISCONNECT message for call A-B, sends towards user B a REL message and sends towards user C a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
7		+PR_N10I_1_TWO			
8		L1!PDUs	Ms(FC_S2(1,CREF,BegPTY3inv))		
9		+PTC1_SYNC_1_TWO			
10		L1!PDUs START TAC	Ms(DI_S2(1,CREF,16))		
11		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
12		L1!PDUs	Ms(RC_S1(1,CREF))		
13		+PTC1_SYNC_1_TWO			
14		(CREF := CREF2)			
15		+PO_SR_1(1)			
16		?TIMEOUT TAC		(F)	
17		+PTC1_SYNC_1_TWO			
18		+PO_SR_1_TWO(1,1)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2_TWO)			
20		+PR_N10I_2_TWO			
21		+PR_3PTY_2			
22		+PTC2_SYNC_TWO			
23		START TWAIT			
24		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
25		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R (CIC_VAL))	(P)	
26		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
27		+PTC2_SYNC_TWO			
28		(CIC_VAL := CIC_VAL2)			
29		+PO_RR_2			
30		?TIMEOUT TWAIT		(I)	
31		+PTC2_SYNC_TWO			
32		+PO_RR_2_TWO			
33		L2?P_PDUr	TrI(P_REL_R (CIC_VAL))	(P)	
34		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
35		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
36		+PTC2_SYNC_TWO			
37		(CIC_VAL := CIC_VAL2)			
38		+PO_RR_2			
39		?TIMEOUT TWAIT		(I)	
40		+PTC2_SYNC_TWO			
41		(CIC_VAL := CIC_VAL2)			
42		+ PO_RR_2			
43		?TIMEOUT TWAIT		(I)	
44		+PTC2_SYNC_TWO			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
45		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP610207 Group : ISUP_DSS1/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a DISCONNECT message for call A-C, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold and sends towards user C a REL message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
7		+PR_N10I_1_TWO			
8		L1!PDUs	Ms(FC_S2(1,CREF,BegPTY3inv))		
9		+PTC1_SYNC_1_TWO			
10		L1!PDUs START TAC	Ms(DI_S2(1,CREF2,16))		
11		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF2))		
12		L1!PDUs	Ms(RC_S1(1,CREF2))		
13		+PTC1_SYNC_1_TWO			
14		+ PO_SR_1(1)			
15		?TIMEOUT TAC		(F)	
16		+PTC1_SYNC_1_TWO			
17		+ PO_SR_1_TWO(1,1)			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2_TWO)			
19		+PR_N10I_2_TWO			
20		+PR_3PTY_2			
21		+PTC2_SYNC_TWO			
22		START TWAIT			
23		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
24		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R (CIC_VAL2))	(P)	
25		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
26		+PTC2_SYNC_TWO			
27		+PO_RR_2			
28		?TIMEOUT TWAIT		(I)	
29		+PTC2_SYNC_TWO			
30		+PO_RR_2_TWO			
31		L2?P_PDUr	TrI(P_REL_R (CIC_VAL2))	(P)	
32		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
33		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
34		+PTC2_SYNC_TWO			
35		+PO_RR_2			
36		?TIMEOUT TWAIT		(I)	
37		+PTC2_SYNC_TWO			
38		+ PO_RR_2			
39		?TIMEOUT TWAIT		(I)	
40		+PTC2_SYNC_TWO			
41		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP610208 Group : ISUP_DSS1/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with one call in state N10 (towards remote user B, call towards user C has been disconnected; 3PTY conference had been established), on receipt of a RETRIEVE message for call A-B, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
7		+PR_N10I_1_TWO			
8		L1!PDUs	Ms(FC_S2(1,CREF,BegPTY3inv))		
9		+PTC1_SYNC_1_TWO			
10		L1!PDUs START TAC	Ms(DI_S2(1,CREF2,16))		
11		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF2))		
12		L1!PDUs	Ms(RC_S1(1,CREF2))		
13		L1!PDUs START TAC	Ms(RT_S1(1,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RTA_R1(0,CREF))		
15		+PTC1_SYNC_1_TWO			
16		+PO_SR_1(1)			
17		?TIMEOUT TAC		(F)	no response
18		+PTC1_SYNC_1_TWO			
19		+PO_SR_1(1)			
20		?TIMEOUT TAC		(F)	
21		+PTC1_SYNC_1_TWO			
22		+ PO_SR_1_TWO(1,1)			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2_TWO)			
24		+PR_N10I_2_TWO			
25		+PR_3PTY_2			
26		+PTC2_SYNC_TWO			
27		START TWAIT			
28		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
29		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R (CIC_VAL2))	(P)	
30		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
31		+WAIT_CPG			
32		?TIMEOUT TWAIT		(I)	
33		+PTC2_SYNC_TWO			
34		+PO_RR_2_TWO			
35		L2?P_PDUr	TrI(P_REL_R (CIC_VAL2))	(P)	
36		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
37		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
38		+WAIT_CPG			
39		?TIMEOUT TWAIT		(I)	
40		+PTC2_SYNC_TWO			
41		+ PO_RR_2			
42		?TIMEOUT TWAIT		(I)	
43		+PTC2_SYNC_TWO			
44		+PO_RR_2			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
45		WAIT_CPG			
46		START TWAIT			
47		L2?P_PDUr CANCEL TWAIT, START TNOAC	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('C3'O)))	(P)	
48		L2?P_PDUr CANCEL TNOAC	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('FA'O)))		
49		+PTC2_SYNC_TWO			
50		+PO_RR_2			
51		?TIMEOUT TNOAC			
52		+PTC2_SYNC_TWO			
53		+PO_RR_2			
54		?TIMEOUT TWAIT		(I)	
55		+PTC2_SYNC_TWO			
		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP610209 Group : ISUP_DSS1/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a REL message from user B, sends towards user C a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected and sends a DISCONNECT message for call A-B. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
7		+PR_N10I_1_TWO			
8		L1!PDUs	Ms(FC_S2(1,CREF,BegPTY3inv))		
9		+PTC1_SYNC_1_TWO			
10		START TWAIT			
11		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
12		+PTC1_SYNC_1_TWO			
13		+PO_SR_1_TWO(1,1)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_1_TWO			
16		+PO_SR_1_TWO(1,1)			
		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2_TWO)			
18		+PR_N10I_2_TWO			
19		+PR_3PTY_2			
20		+PTC2_SYNC_TWO			
21		L2!P_PDUs START TWAIT	TrR(P_REL_S(CIC_VAL))		
22		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
23		L2?P_PDUr CANCEL TWAIT	TrI(P_RLC_R(CIC_VAL))	(P)	
24		+PTC2_SYNC_TWO			
25		(CIC_VAL := CIC_VAL2)			
26		+ PO_RR_2			
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC_TWO			
29		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
30		(CIC_VAL := CIC_VAL2)			
31		+PO_RR_2			
32		L2?P_PDUr	TrI(P_RLC_R(CIC_VAL))	(P)	
33		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))	(P)	
34		+PTC2_SYNC_TWO			
35		(CIC_VAL := CIC_VAL2)			
36		+ PO_RR_2			
37		?TIMEOUT TWAIT		(I)	
38		+PTC2_SYNC_TWO			
39		(CIC_VAL := CIC_VAL2)			
40		+ PO_RR_2			
41		?TIMEOUT TWAIT		(I)	
42		+PTC2_SYNC_TWO			
43		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
44		(CIC_VAL := CIC_VAL2)			
45		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP610210 Group : ISUP_DSS1/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a REL message from user C, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold and sends a DISCONNECT message for call A-C. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
7		+PR_N10I_1_TWO			
8		L1!PDU _s	Ms(FC_S2(1,CREF,BegPTY3inv))		
9		+PTC1_SYNC_1_TWO			
10		START TWAIT			
11		L1?PDU _r CANCEL TWAIT	Mr(DI_R1(0,CREF2))	(P)	
12		+PTC1_SYNC_1_TWO			
13		+PO_SR_1_TWO(1,1)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_1_TWO			
16		+PO_SR_1_TWO(1,1)			
		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2_TWO)			
18		+PR_N10I_2_TWO			
19		+PR_3PTY_2			
20		+PTC2_SYNC_TWO			
21		L2!P_PDU _s START TWAIT	TrR(P_REL_S(CIC_VAL2))		
22		L2?P_PDU _r	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
23		L2?P_PDU _r CANCEL TWAIT	TrI(P_RLC_R(CIC_VAL2))	(P)	
24		+PTC2_SYNC_TWO			
25		+ PO_RR_2			
26		?TIMEOUT TWAIT		(I)	
27		+PTC2_SYNC_TWO			
28		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL2))		
29		+PO_RR_2			
30		L2?P_PDU _r	TrI(P_RLC_R(CIC_VAL2))	(P)	
31		L2?P_PDU _r CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
32		+PTC2_SYNC_TWO			
33		+ PO_RR_2			
34		?TIMEOUT TWAIT		(I)	
35		+PTC2_SYNC_TWO			
36		+ PO_RR_2			
37		?TIMEOUT TWAIT		(I)	
38		+PTC2_SYNC_TWO			
39		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL2))		
40		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP610211 Group : ISUP_DSS1/PTY3/Invocation_S_T/ Purpose : Ensure that the SUT with one call in state N10 (towards remote user B, user C has disconnected; 3PTY conference had been established), on receipt of a RETRIEVE message for call A-B, sends towards user B a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference disconnected. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC_TWO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1_TWO(1,1))			
7		+PR_N10I_1_TWO			
8		L1!PDUs	Ms(FC_S2(1,CREF,BegPTY3inv))		
9		+PTC1_SYNC_1_TWO			
10		START TWAIT			
11		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF2))	(P)	
12		L1!PDUs START TAC	Ms(RL_S1(1,CREF2,16))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF2))		
14		L1!PDUs START TAC	Ms(RT_S1(1,CREF))		
15		L1?PDUr CANCEL TAC	Mr(RTA_R1(0,CREF))		
16		+PTC1_SYNC_1			
17		+PO_SR_1(1)			
18		?TIMEOUT TAC		(F)	no response
19		+PTC1_SYNC_1			
20		+PO_SR_1(1)			
21		?TIMEOUT TAC		(F)	no response
22		+PTC1_SYNC_1_TWO			
23		L1!PDUs	Ms(RC_S1(1,CREF2))		
24		+PO_SR_1(1)			
25		?TIMEOUT TWAIT		(I)	
26		+PTC1_SYNC_1_TWO			
27		+PO_SR_1_TWO(1,1)			
		PTC2_IN			
28		ACTIVATE(OtherwiseFail_2_TWO)			
29		+PR_N10I_2_TWO			
30		+PR_3PTY_2			
31		+PTC2_SYNC_TWO			
32		L2!P_PDUs START TWAIT	TrR(P_REL_S(CIC_VAL2))		
33		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
34		L2?P_PDUr CANCEL TWAIT	TrI(P_RLC_R(CIC_VAL2))	(P)	
35		+WAIT_CPG			
36		?TIMEOUT TWAIT		(I)	
37		+PTC2_SYNC_TWO			
38		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
39		+PO_RR_2			
40		L2?P_PDUr	TrI(P_RLC_R(CIC_VAL2))	(P)	
41		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O)))	(P)	
42		+WAIT_CPG			
43		?TIMEOUT TWAIT		(I)	
44		+PTC2_SYNC_TWO			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
45		+ PO_RR_2			
46		?TIMEOUT WAIT		(I)	
47		+PTC2_SYNC_TWO			
48		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
49		+ PO_RR_2			
		WAIT_CPG			
50		START WAIT			
51		L2?P_PDUr CANCEL WAIT	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('C3'O)))	(P)	
52		+PTC2_SYNC_TWO			
53		+PO_RR_2			
54		?TIMEOUT WAIT		(I)	
55		+PTC2_SYNC_TWO			
56		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP610301 Group : ISUP_DSS1/PTY3/Notification_T/ Purpose : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = Conference established, sends a CPG message with the Generic notification indicator parameter coded Notification indicator = Conference established and the Event information parameter coded Event indicator = Progress. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10_1_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(NO_S1(1,CREF,NOID_SR('C2'O)))		
10		+PTC1_SYNC_1			
11		+ PO_SR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N10_2_1			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C2'O)))	(P)	
17		+PTC2_SYNC			
18		+ PO_RR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP610302
Group : ISUP_DSS1/PTY3/Notification_T/
Purpose : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded
Notification description = Conference disconnected,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = Conference disconnected
and the Event information parameter coded
Event indicator = Progress.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10_1_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(NO_S1(1,CREF,NOID_SR('C2'O)))		
10		L1!PDUs	Ms(NO_S1(1,CREF,NOID_SR('C3'O)))		
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N10_2_1			
15		+PTC2_SYNC			
16		START TWAIT			
17		L2?P_PDUR	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C2'O)))	(P)	
18		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C3'O)))	(P)	
19		+PTC2_SYNC			
20		+ PO_RR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			
23		+ PO_SR_2			
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+ PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP610303 Group : ISUP_DSS1/PTY3/Notification_T/ Purpose : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = remote hold, sends a CPG message with the Generic notification indicator parameter coded Notification indicator = remote hold and the Event information parameter coded Event indicator = Progress. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10_1_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(NO_S1(1,CREF,NOID_SR('F9'O)))		
10		+PTC1_SYNC_1			
11		+ PO_SR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N10_2_1			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('F9'O)))	(P)	
17		+PTC2_SYNC			
18		+ PO_RR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611101_01 Group : ISUP_DSS1/CUG/Subscribed/TC611101/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a DISCONNECT message with the Facility information element containing a CUGCall return error component coded Error value = 20, sends a REL message with the Cause indicators parameter coded Cause value =87. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs	Ms(DI_S_FAC (1, CREF, CUG_Re(inv_ID, 20), 16))		
8		+ PO_RR_1(1)			
9		+PTC1_SYNC_1			
		PTC2_IN			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_CUG			
12		START TWAIT			
13		L2?P_PDUsr CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,87))	(P)	
14		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
15		+PTC2_SYNC			
16		?TIMEOUT TWAIT		(I)	
17		+PO_SR_2			
18		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611101_02 Group : ISUP_DSS1/CUG/Subscribed/TC611101/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a DISCONNECT message with the Facility information element containing a CUGCall return error component coded Error value = 16, sends a REL message with the Cause indicators parameter coded Cause value =87. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs	Ms(DI_S_FAC (1, CREF, CUG_Re(inv_ID, 16), 16))		
8		+ PO_RR_1(1)			
9		+PTC1_SYNC_1			
		PTC2_IN			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_CUG			
12		START TWAIT			
13		L2?P_PDUR CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,87))	(P)	
14		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
15		+PTC2_SYNC			
16		?TIMEOUT TWAIT		(I)	
17		+PO_SR_2			
18		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611101_03 Group : ISUP_DSS1/CUG/Subscribed/TC611101/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a DISCONNECT message with the Facility information element containing a CUGCall return error component coded Error value = 19, sends a REL message with the Cause indicators parameter coded Cause value =55. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs	Ms(DI_S_FAC (1, CREF, CUG_Re(inv_ID, 17), 16))		
8		+ PO_RR_1(1)			
9		+PTC1_SYNC_1			
		PTC2_IN			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_CUG			
12		START TWAIT			
13		L2?P_PDUsr CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,87))	(P)	
14		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
15		+PTC2_SYNC			
16		?TIMEOUT TWAIT		(I)	
17		+PO_SR_2			
18		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611101_04 Group : ISUP_DSS1/CUG/Subscribed/TC611101/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a DISCONNECT message with the Facility information element containing a CUGCall return error component coded Error value = 20, sends a REL message with the Cause indicators parameter coded Cause value =87. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs	Ms(DI_S_FAC (1, CREF, CUG_Re(inv_ID, 19), 16))		
8		+ PO_RR_1(1)			
9		+PTC1_SYNC_1			
		PTC2_IN			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_CUG			
12		START TWAIT			
13		L2?P_PDUR CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,55))	(P)	
14		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
15		+PTC2_SYNC			
16		?TIMEOUT TWAIT		(I)	
17		+PO_SR_2			
18		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611102_01 Group : ISUP_DSS1/CUG/Subscribed/TC611102/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a RELEASE message with the Facility information element containing a CUGCall return error component coded Error value = 20, sends a REL message with the Cause indicators parameter coded Cause value = 87. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs START TAC	Ms(RL_S_FAC (1, CREF, CUG_Re(inv_ID, 20), 16))		
8		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
9		+PTC1_SYNC_1			
10		?TIMEOUT TAC		(F)	
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_CUG			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,87))	(P)	
17		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TWAIT		(I)	
20		+PO_SR_2			
21		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611102_02 Group : ISUP_DSS1/CUG/Subscribed/TC611102/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a RELEASE message with the Facility information element containing a CUGCall return error component coded Error value = 16, sends a REL message with the Cause indicators parameter coded Cause value = 87. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs START TAC	Ms(RL_S_FAC (1, CREF, CUG_Re(inv_ID, 16), 16))		
8		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
9		+PTC1_SYNC_1			
10		?TIMEOUT TAC		(F)	
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_CUG			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,87))	(P)	
17		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TWAIT		(I)	
20		+PO_SR_2			
21		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611102_03 Group : ISUP_DSS1/CUG/Subscribed/TC611102/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a RELEASE message with the Facility information element containing a CUGCall return error component coded Error value = 17, sends a REL message with the Cause indicators parameter coded Cause value = 87. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs START TAC	Ms(RL_S_FAC (1, CREF, CUG_Re(inv_ID, 17), 16))		
8		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
9		+PTC1_SYNC_1			
10		?TIMEOUT TAC		(F)	
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_CUG			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,87))	(P)	
17		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TWAIT		(I)	
20		+PO_SR_2			
21		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611102_04 Group : ISUP_DSS1/CUG/Subscribed/TC611102/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a RELEASE message with the Facility information element containing a CUGCall return error component coded Error value = 19, sends a REL message with the Cause indicators parameter coded Cause value = 55. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs START TAC	Ms(RL_S_FAC (1, CREF, CUG_Re(inv_ID, 19), 16))		
8		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
9		+PTC1_SYNC_1			
10		?TIMEOUT TAC		(F)	
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_CUG			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,55))	(P)	
17		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TWAIT		(I)	
20		+PO_SR_2			
21		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611103_01 Group : ISUP_DSS1/CUG/Subscribed/TC611103/ Purpose : Ensure that the SUT in state N6 (CUG call), on receipt of a RELEASE COMPLETE message with the Facility information element containing a CUGCall return error component coded Error value = 20, sends a REL message with the Cause indicators parameter coded Cause value = 87. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_CUG			
7		L1!PDUs	Ms(RC_S_FAC (1, CREF, CUG_Re(inv_ID, 20), 16))		
8		+PTC1_SYNC_1			
		PTC2_IN			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_CUG			
11		START TWAIT			
12		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,87))	(P)	
13		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT		(I)	
16		+PO_SR_2			
17		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611103_02 Group : ISUP_DSS1/CUG/Subscribed/TC611103/ Purpose : Ensure that the SUT in state N6 (CUG call), on receipt of a RELEASE COMPLETE message with the Facility information element containing a CUGCall return error component coded Error value = 16, sends a REL message with the Cause indicators parameter coded Cause value = 87. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_CUG			
7		L1!PDUs	Ms(RC_S_FAC (1, CREF, CUG_Re(inv_ID, 16), 16))		
8		+PTC1_SYNC_1			
		PTC2_IN			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_CUG			
11		START TWAIT			
12		L2?P_PDUs CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,87))	(P)	
13		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT		(I)	
16		+PO_SR_2			
17		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611103_03 Group : ISUP_DSS1/CUG/Subscribed/TC611103/ Purpose : Ensure that the SUT in state N6 (CUG call), on receipt of a RELEASE COMPLETE message with the Facility information element containing a CUGCall return error component coded Error value = 17, sends a REL message with the Cause indicators parameter coded Cause value = 87. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_CUG			
7		L1!PDUs	Ms(RC_S_FAC (1, CREF, CUG_Re(inv_ID, 17), 16))		
8		+PTC1_SYNC_1			
		PTC2_IN			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_CUG			
11		START TWAIT			
12		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,87))	(P)	
13		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT		(I)	
16		+PO_SR_2			
17		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611103_04 Group : ISUP_DSS1/CUG/Subscribed/TC611103/ Purpose : Ensure that the SUT in state N6 (CUG call), on receipt of a RELEASE COMPLETE message with the Facility information element containing a CUGCall return error component coded Error value = 19, sends a REL message with the Cause indicators parameter coded Cause value = 55. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_CUG			
7		L1!PDUs	Ms(RC_S_FAC (1, CREF, CUG_Re(inv_ID, 19), 16))		
8		+PTC1_SYNC_1			
		PTC2_IN			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_CUG			
11		START TWAIT			
12		L2?P_PDUs CANCEL TWAIT	TrI (P_REL_R_cau (CIC_VAL,55))	(P)	
13		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT		(I)	
16		+PO_SR_2			
17		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611104_01 Group : ISUP_DSS1/CUG/Subscribed/TC611104/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a DISCONNECT message with the Facility information element containing a CUGCall return error component coded Error value = 21, sends a REL message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs	Ms(DI_S_FAC (1, CREF, CUG_Re(inv_ID, 21), 16))		
8		+ PO_RR_1(1)			
9		+PTC1_SYNC_1			
		PTC2_IN			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_CUG			
12		START TWAIT			
13		L2?P_PDUR CANCEL TWAIT	TrI (P_REL_R (CIC_VAL))	(P)	
14		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
15		+PTC2_SYNC			
16		?TIMEOUT TWAIT		(I)	
17		+PO_SR_2			
18		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611104_02 Group : ISUP_DSS1/CUG/Subscribed/TC611104/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a DISCONNECT message with the Facility information element containing a CUGCall return error component coded Error value = 8, sends a REL message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs	Ms(DI_S_FAC (1, CREF, CUG_Re(inv_ID, 8), 16))		
8		+ PO_RR_1(1)			
9		+PTC1_SYNC_1			
		PTC2_IN			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_CUG			
12		START TWAIT			
13		L2?P_PDUR CANCEL TWAIT	TrI (P_REL_R (CIC_VAL))	(P)	
14		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
15		+PTC2_SYNC			
16		?TIMEOUT TWAIT		(I)	
17		+PO_SR_2			
18		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611105_01 Group : ISUP_DSS1/CUG/Subscribed/TC611105/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a RELEASE message with the Facility information element containing a CUGCall return error component coded Error value = 21, sends a REL message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs START TAC	Ms(RL_S_FAC (1, CREF, CUG_Re(inv_ID, 21), 16))		
8		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
9		+PTC1_SYNC_1			
10		?TIMEOUT TAC		(F)	
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_CUG			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R (CIC_VAL))	(P)	
17		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TWAIT		(I)	
20		+PO_SR_2			
21		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611105_02 Group : ISUP_DSS1/CUG/Subscribed/TC611105/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a RELEASE message with the Facility information element containing a CUGCall return error component coded Error value = 8, sends a REL message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs START TAC	Ms(RL_S_FAC (1, CREF, CUG_Re(inv_ID, 8), 16))		
8		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
9		+PTC1_SYNC_1			
10		?TIMEOUT TAC		(F)	
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_CUG			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R (CIC_VAL))	(P)	
17		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TWAIT		(I)	
20		+PO_SR_2			
21		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611106_01 Group : ISUP_DSS1/CUG/Subscribed/TC611106/ Purpose : Ensure that the SUT in state N6 (CUG call), on receipt of a RELEASE COMPLETE message with the Facility information element containing a CUGCall return error component coded Error value = 21, sends a REL message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_CUG			
7		L1!PDUs	Ms(RC_S_FAC (1, CREF, CUG_Re(inv_ID, 21), 16))		
8		+PTC1_SYNC_1			
		PTC2_IN			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_CUG			
11		START TWAIT			
12		L2?P_PDUR CANCEL TWAIT	TrI (P_REL_R (CIC_VAL))	(P)	
13		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT		(I)	
16		+PO_SR_2			
17		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611106_02 Group : ISUP_DSS1/CUG/Subscribed/TC611106/ Purpose : Ensure that the SUT in state N6 (CUG call), on receipt of a RELEASE COMPLETE message with the Facility information element containing a CUGCall return error component coded Error value = 8, sends a REL message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_CUG			
7		L1!PDUs	Ms(RC_S_FAC (1, CREF, CUG_Re(inv_ID, 8), 16))		
8		+PTC1_SYNC_1			
		PTC2_IN			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_CUG			
11		START TWAIT			
12		L2?P_PDUR CANCEL TWAIT	TrI (P_REL_R (CIC_VAL))	(P)	
13		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT		(I)	
16		+PO_SR_2			
17		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611107 Group : ISUP_DSS1/CUG/Subscribed/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a DISCONNECT message without a Facility information element containing a CUGCall return error component, sends a REL message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs	Ms(DI_S2 (1, CREF, 16))		
8		+ PO_RR_1(1)			
9		+PTC1_SYNC_1			
		PTC2_IN			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_CUG			
12		START TWAIT			
13		L2?P_PDUR CANCEL TWAIT	TrI (P_REL_R (CIC_VAL))	(P)	
14		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
15		+PTC2_SYNC			
16		?TIMEOUT TWAIT		(I)	
17		+PO_SR_2			
18		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611108 Group : ISUP_DSS1/CUG/Subscribed/ Purpose : Ensure that the SUT in state N9 (CUG call), on receipt of a RELEASE message without a Facility information element containing a CUGCall return error component, sends a REL message. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_CUG			
7		L1!PDUs START TAC	Ms(RL_S1 (1, CREF,16))		
8		L1?PDUR CANCEL TAC	Mr(RC_R1(0,CREF))		
9		+PTC1_SYNC_1			
10		?TIMEOUT TAC		(F)	
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_CUG			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_REL_R (CIC_VAL))	(P)	
17		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TWAIT		(I)	
20		+PO_SR_2			
21		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611109					
Group : ISUP_DSS1/CUG/Subscribed/					
Purpose : Ensure that the SUT in state N6 (CUG call), on receipt of a RELEASE COMPLETE message without a Facility information element containing a CUGCall return error component, sends a REL message.					
Configuration : CONFIG1					
Default : OtherwiseFail					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)	Ms(RC_S3 (1, CREF, 16))		
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_CUG			
7		L1!PDUs			
8		+PTC1_SYNC_1	TrI (P_REL_R (CIC_VAL)) TrR(P_RLC_S (CIC_VAL))	(P)	
		PTC2_IN			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_CUG			
11		START TWAIT			
12		L2?P_PDUr CANCEL TWAIT			
13		L2! P_PDUs			
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT			
16		+PO_SR_2			
17		+PTC2_SYNC			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611110_01 Group : ISUP_DSS1/CUG/Subscribed/TC611110/ Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the Optional forward call indicators parameter coded Closed user group call indicator = '11'B and with the Closed user group interlock code parameter giving an interlock code of a CUG the ISDN access belongs to, sends a SETUP message with a Facility information element containing a CUGCall invoke component. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N00_1			
7		CPA1!CP_M	RDY		
8		START TWAIT			
9		+SETUP_R(SU_R_FAC(CUG_Inv_R))			
10		L1!PDUs	Ms(CP_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	no response
14		+PTC1_SYNC_1			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		CPA2!CP_M	RDY		
17		CPA2?CP_M	S_MSG		
18		L2!P_PDUs	TrR (P_IAM_S_CUG('11'B,P_CUGIC_RS 1))		
19		+PTC2_SYNC			
20		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611110_02 Group : ISUP_DSS1/CUG/Subscribed/TC611110/ Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the Optional forward call indicators parameter coded Closed user group call indicator = '10'B and with the Closed user group interlock code parameter giving an interlock code of a CUG the ISDN access belongs to, sends a SETUP message with a Facility information element containing a CUGCall invoke component. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N00_1			
7		CPA1!CP_M	RDY		
8		START TWAIT			
9		+SETUP_R(SU_R_FAC(CUG_Inv_R))			
10		L1!PDUs	Ms(CP_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	no response
14		+PTC1_SYNC_1			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		CPA2!CP_M	RDY		
17		CPA2?CP_M	S_MSG		
18		L2!P_PDUs	TrR (P_IAM_S_CUG('10'B,P_CUGIC_RS 1))		
19		+PTC2_SYNC			
20		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611111 Group : ISUP_DSS1/CUG/Subscribed/ Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the Optional forward call indicators parameter coded Closed user group call indicator = closed user group call, outgoing access allowed and with the Closed user group interlock code parameter giving an interlock code of a CUG the ISDN access belongs to, sends a SETUP message without a Facility information element containing a CUGCall invoke component. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N00_1			
7		CPA1!CP_M	RDY		
8		START TWAIT			
9		+SETUP_R(SU_R_noFAC)			
10		L1!PDUs	Ms(CP_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	no response
14		+PTC1_SYNC_1			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		CPA2!CP_M	RDY		
17		CPA2?CP_M	S_MSG		
18		L2!P_PDUs	TrR (P_IAM_S_CUG('10'B,P_CUGIC_RS 1))		
19		+PTC2_SYNC			
20		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611112 Group : ISUP_DSS1/CUG/Subscribed/ Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the Optional forward call indicators parameter coded Closed user group call indicator = closed user group call, outgoing access allowed and with the Closed user group interlock code parameter giving an interlock code of a CUG the ISDN access does not belong to, sends a SETUP message without a Facility information element containing a CUGCall invoke component. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N00_1			
7		CPA1!CP_M	RDY		
8		START TWAIT			
9		+SETUP_R(SU_R_noFAC)			
10		L1!PDUs	Ms(CP_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	no response
14		+PTC1_SYNC_1			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		CPA2!CP_M	RDY		
17		CPA2?CP_M	S_MSG		
18		L2!P_PDUs	TrR (P_IAM_S_CUG('10'B,P_CUGIC_RS 2))		
19		+PTC2_SYNC			
20		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611113 Group : ISUP_DSS1/CUG/Subscribed/ Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the Optional forward call indicators parameter coded Closed user group call indicator = non-CUG call and without the Closed user group interlock code parameter, sends a SETUP message without a Facility information element containing a CUGCall invoke component. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N00_1			
7		CPA1!CP_M	RDY		
8		START TWAIT			
9		+SETUP_R(SU_R_noFAC)			
10		L1!PDUs	Ms(CP_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	no response
14		+PTC1_SYNC_1			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		CPA2!CP_M	RDY		
17		CPA2?CP_M	S_MSG		
18		L2!P_PDUs	TrR (P_IAM_S_CUG('00'B,-))		
19		+PTC2_SYNC			
20		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TC611201 Group : ISUP_DSS1/CUG/Not_Subscribed/ Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the Optional forward call indicators parameter coded Closed user group call indicator = closed user group call, outgoing access allowed and with the Closed user group interlock code parameter, sends a SETUP message without a Facility information element containing a CUGCall invoke component. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_IN_MTC			
3		+ MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_OUT			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N00_1			
7		CPA1!CP_M	RDY		
8		START TWAIT			
9		+SETUP_R(SU_R_noFAC)			
10		L1!PDUs	Ms(CP_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	no response
14		+PTC1_SYNC_1			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		CPA2!CP_M	RDY		
17		CPA2?CP_M	S_MSG		
18		L2!P_PDUs	TrR (P_IAM_S_CUG('10'B,P_CUGIC_RS 1))		
19		+PTC2_SYNC			
20		+PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612101 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the User-to-user parameter without user information, sends a SETUP message with a User-user information element without user information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_IN			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		+SETUP_R(SU_R_UUS(UUI_RS_NO_UI))			
12		L1!PDUs	Ms(CP_S1(1,CREF))		
13		+PTC1_SYNC_1			
14		+ PO_RR_1(1)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_1			
17		+ PO_RR_1(1)			
18		PTC2_OUT			
19		ACTIVATE(OtherwiseFail_2)			
20		+PTC2_SYNC			
21		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS(P_UUInf_RS_NO_UI))		
22		+PTC2_SYNC			
23		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612102 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the User-to-user parameter with user information, sends a SETUP message with a User-user information element with user information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)	Ms(CP_S1(1,CREF))	(I)	
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_IN			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		+SETUP_R(SU_R_UUS(UUI_RS_UI))			
12		L1!PDUs			
13		+PTC1_SYNC_1			
14		+ PO_RR_1(1)			
15		?TIMEOUT TWAIT			
16		+PTC1_SYNC_1			
17		+ PO_RR_1(1)			
18		PTC2_OUT			
19		ACTIVATE(OtherwiseFail_2)			
20		+PTC2_SYNC			
21		L2!P_PDUs (CIC_VAL := PXP_CIC_S)			
		TrR (P_IAM_S_UUS(P_UUInf_RS_UI))			
		+PTC2_SYNC			
		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612103 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been activated), not having sent the ACM message, on receipt of an ALERTING message with a User-user information element, sends an ACM message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_imp			
7		L1!PDUs	Ms(ALT_S_UUS(1,CREF,UUI_RS_UI))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_imp			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_RR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			
Detailed Comments : (1) The User-user information parameter may be received in a CPG message, if the IUT sends the ACM automatically in the point-to-multipoint configuration.					

Test Case Dynamic Behaviour					
Test Case Name : TP612104 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been activated), on receipt of an ALERTING message with a User-user information element, sends a CPG message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_imp			
7		L1!PDUs	Ms(CP_S1(1,CREF))		
8		L1!PDUs	Ms(ALT_S_UUS(1,CREF,UUI_RS_UI))		
9		+PTC1_SYNC_1			
10		+ PO_SR_1(1)			
		PTC2_OUT			
11		ACTIVATE(OtherwiseFail_2)			
12		+PR_N06_2_UUS1_imp			
13		START TWAIT			
14		L2?P_PDÜr	TrI (P_ACM_R (PXP_CIC_S))		
15		L2?P_PDÜr CANCEL TWAIT	TrI (P_CPG_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
16		+PTC2_SYNC			
17		+PO_RR_2			
18		?TIMEOUT TWAIT		(I)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			
23		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612105 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been activated), not having sent the ACM message, on receipt of a CONNECT message with a User-user information element, sends a CON message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_imp			
7		L1!PDUs	Ms(CN_S_UUS(1,CREF,UUI_RS_UI))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_imp			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
17		+PTC2_SYNC			
18		+PO_RR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			
Detailed Comments : (1) The User-user information parameter may be received in an ANM message, if the IUT sends the ACM automatically in the point-to-multipoint configuration.					

Test Case Dynamic Behaviour					
Test Case Name : TP612106 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a CONNECT message with a User-user information element, sends an ANM message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_imp			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S_UUS(1,CREF,UUI_RS_UI))		
10		+PTC1_SYNC_1			
11		+ PO_SR_1(1)			
		PTC2_OUT			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_UUS1_imp			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
17		+PTC2_SYNC			
18		+PO_RR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612107 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a DISCONNECT message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_imp			
8		+PTC1_SYNC_1			
9		L1!PDUs START TAC	Ms(DI_S_UUS(1,CREF,UUI_RS_UI,16))		
10		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_OUT			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N07_2_UUS1_imp			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
21		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612108 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a RELEASE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_imp			
8		+PTC1_SYNC_1			
9		L1!PDU _s START TAC	Ms(RL_S_UUS(1,CREF,UUI_RS_UI,16))		
10		L1?PDU _r CANCEL TAC	Mr(RC_R1(0,CREF))		
11		+PTC1_SYNC_1			
12		?TIMEOUT TAC			
13		+PTC1_SYNC_1			
14		+ PO_SR_1(1)			
		PTC2_OUT			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N07_2_UUS1_imp			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDU _r CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
20		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612109 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a RELEASE COMPLETE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_imp			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(RC_S_UUS(1,CREF,UUI_RS_UI,16))		
10		+PTC1_SYNC_1			
		PTC2_OUT			
11		ACTIVATE(OtherwiseFail_2)			
12		+PR_N07_2_UUS1_imp			
13		+PTC2_SYNC			
14		START TWAIT			
15		L2?P_PDUsr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
16		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
17		+PTC2_SYNC			
18		?TIMEOUT TWAIT		(I)	
19		+PTC2_SYNC			
20		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612110 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a DISCONNECT message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10I_1_UUS1_imp			
8		+PTC1_SYNC_1			
9		L1!PDUs START TAC	Ms(DI_S_UUS(1,CREF,UUI_RS_UI,16))		
10		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_OUT			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N10I_2_UUS1_imp			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
21		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612111 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a RELEASE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10I_1_UUS1_imp			
8		+PTC1_SYNC_1			
9		L1!PDU _s START TAC	Ms(RL_S_UUS(1,CREF,UUI_RS_UI,16))		
10		L1?PDU _r CANCEL TAC	Mr(RC_R1(0,CREF))		
11		+PTC1_SYNC_1			
12		?TIMEOUT TAC			
13		+PTC1_SYNC_1			
14		+ PO_SR_1(1)			
		PTC2_OUT			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N10I_2_UUS1_imp			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDU _r CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
20		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612112 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a RELEASE COMPLETE message with a User-user information element, sends a a REL message with a User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10I_1_UUS1_imp			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(RC_S_UUS(1,CREF,UUI_RS_UI,16))		
10		+PTC1_SYNC_1			
		PTC2_OUT			
11		ACTIVATE(OtherwiseFail_2)			
12		+PR_N10I_2_UUS1_imp			
13		+PTC2_SYNC			
14		START TWAIT			
15		L2?P_PDUsr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
16		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
17		+PTC2_SYNC			
18		?TIMEOUT TWAIT		(I)	
19		+PTC2_SYNC			
20		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612113 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a REL message with a User-to-user parameter, sends a RELEASE message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_imp			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(RL_R_UUS(0,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_1			
12		L1!PDU	Ms(RC_S1(1,CREF))		
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_OUT			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N07_2_UUS1_imp			
18		+PTC2_SYNC			
19		L2!P_PDU START TAC	TrR(P_REL_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		L2? P_PDU CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612114 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a REL message with a User-to-user parameter, sends a DISCONNECT message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_imp			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R_UUS(0,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_OUT			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N07_2_UUS1_imp			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612115 Group : ISUP_DSS1/UUS/UUS1_implicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a REL message with a User-to-user parameter, sends a DISCONNECT message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10I_1_UUS1_imp			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS(0,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_OUT			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N10I_2_UUS1_imp			
18		+PTC2_SYNC			
19		L2!P_PDUr START TAC	TrR(P_REL_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP612201
Group : ISUP_DSS1/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the User-to-user indicators parameter coded
Type = request
Service 1 = request, not essential
Service 2 = no information
Service 3 = no information
and without the User-to-user parameter,
sends a SETUP message with a Facility information element containing a
UserUserService invoke component coded
Service = Service1
Preferred = preferred request
and without the User-user information element.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_IN			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		+SETUP_R(SU_R_UUS_FAC(UUSinv2(TRUE),-))			
12		L1!PDUs	Ms(CP_S1(1,CREF))		
13		+PTC1_SYNC_1			
14		+ PO_RR_1(1)			
15		?TIMEOUT TWAIT			
16		+PTC1_SYNC_1			
17		+ PO_RR_1(1)			
18		PTC2_OUT			
19		ACTIVATE(OtherwiseFail_2)			
20		+PTC2_SYNC			
21		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'10'B,-))		
22		+PTC2_SYNC			
23		+ PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP612202 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the User-to-user indicators parameter coded Type = request Service 1 = request, not essential Service 2 = no information Service 3 = no information and with the User-to-user parameter, sends a SETUP message with a Facility information element containing a UserUserService invoke component coded Service = Service1 Preferred = preferred request and with the User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R_UUS_FAC(UUSinv2(TRUE), UUI_RS_UI))			
11		L1!PDUs	Ms(CP_S1(1,CREF))		
12		+PTC1_SYNC_1			
13		+ PO_RR_1(1)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_1			
16		+ PO_RR_1(1)			
		PTC2_OUT			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'10'B,P_UUInf_RS_UI))		
20		+PTC2_SYNC			
21		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP612203
Group : ISUP_DSS1/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the User-to-user indicators parameter coded
Type = request
Service 1 = request, essential
Service 2 = no information
Service 3 = no information
and without the User-to-user parameter,
sends a SETUP message with a Facility information element containing a
UserUserService invoke component coded
Service = Service1
Preferred = required request
and without the User-user information element.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R_UUS_FAC(UUSinv2(FALSE),-))			
11		L1!PDUs	Ms(CP_S1(1,CREF))		
12		+PTC1_SYNC_1			
13		+ PO_RR_1(1)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_1			
16		+ PO_RR_1(1)			
		PTC2_OUT			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'11'B,-))		
20		+PTC2_SYNC			
21		+ PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour

Test Case Name : TP612204

Group : ISUP_DSS1/UUS/UUS1_explicit/

Purpose : Ensure that the SUT in the Idle state, on receipt of an IAM message with the User-to-user indicators parameter coded
Type = request
Service 1 = request, essential
Service 2 = no information
Service 3 = no information
and with the User-to-user parameter,
sends a SETUP message with a Facility information element containing a
UserUserService invoke component coded
Service = Service1
Preferred = required request
and with the User-user information element.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_N00_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R_UUS_FAC(UUSinv2(
		FALSE),UUI_RS_UI))			
11		L1!PDUs	Ms(CP_S1(1,CREF))		
12		+PTC1_SYNC_1			
13		+ PO_RR_1(1)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_1			
16		+ PO_RR_1(1)			
		PTC2_OUT			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI(
			'0'B,'11'B,P_UUInf_RS_UI))		
20		+PTC2_SYNC			
21		+ PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour

Test Case Name : TP612205

Group : ISUP_DSS1/UUS/UUS1_explicit/

Purpose : Ensure that the SUT in state N6 (UUS1 has been requested), not having sent the ACM message, on receipt of an ALERTING message with a Facility information element containing a UserUserService return result component and without a User-user information element,
sends an ACM message with the User-to-user indicators parameter coded
Type = response
Service 1 = provided
Service 2 = no information
Service 3 = no information
and without the User-to-user parameter.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSrr(inv_ID),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R_UUS_UUI(CIC_VAL, '1'B, '10'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP612206 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested), not having sent the ACM message, on receipt of an ALERTING message with a Facility information element containing a UserUserService return result component and with a User-user information element, sends an ACM message with the User-to-user indicators parameter coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSrr (inv_ID),UUI_RS_UI))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R_UUS_UUI(CIC_VAL, '1'B,'10'B,P_UUInf_RS_UI))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP612207
Group : ISUP_DSS1/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of an ALERTING message with a Facility information element containing a UserUserService return result component and without a User-user information element,
 sends a CPG message with the User-to-user indicators parameter coded
 Type = response
 Service 1 = provided
 Service 2 = no information
 Service 3 = no information
 and without the User-to-user parameter.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSrr(inv_ID),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R_UUS_UUI(CIC_VAL, '1'B, '10'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP612208 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of an ALERTING message with a Facility information element containing a UserUserService return result component and with a User-user information element, sends a CPG message with the User-to-user indicators parameter coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSrrr(inv_ID),UUI_RS_UI))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R_UUS_UUI(CIC_VAL, '1'B, '10'B,P_UUInf_RS_UI))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP612209

Group : ISUP_DSS1/UUS/UUS1_explicit/

Purpose : Ensure that the SUT in state N6 (UUS1 has been requested), not having sent the ACM message, on receipt of a CONNECT message with a Facility information element containing a UserUserService return result component and without a User-user information element,
sends a CON message with the User-to-user indicators parameter coded
Type = response
Service 1 = provided
Service 2 = no information
Service 3 = no information
and without the User-to-user parameter.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(CN_S_UUS_FAC(1,CREF,UUSrr(inv_ID),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R_UUS_UI(CIC_VAL, '1'B, '10'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP612210 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested), not having sent the ACM message, on receipt of a CONNECT message with a Facility information element containing a UserUserService return result component and with a User-user information element, sends a CON message with the User-to-user indicators parameter coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(CN_S_UUS_FAC(1,CREF,UUSrr(inv_ID),UUI_RS_UI))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R_UUS_UUI(CIC_VAL, '1'B, '10'B, P_UUInf_RS_UI))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP612211

Group : ISUP_DSS1/UUS/UUS1_explicit/

Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a CONNECT message with a Facility information element containing a UserUserService return result component and without a User-user information element,
sends an ANM message with the User-to-user indicators parameter coded
Type = response
Service 1 = provided
Service 2 = no information
Service 3 = no information
and without the User-to-user parameter.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(CN_S_UUS_FAC(1,CREF,UUSrr(inv_ID),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R_UUS_UI(CIC_VAL, '1'B, '10'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP612212 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a CONNECT message with a Facility information element containing a UserUserService return result component and with a User-user information element, sends an ANM message with the User-to-user indicators parameter coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(CN_S_UUS_FAC(1,CREF,UUSrr(inv_ID),UUI_RS_UI))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R_UUS_UUI(CIC_VAL, '1'B, '10'B, P_UUInf_RS_UI))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612213 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a DISCONNECT message with a Facility information element containing a UserUserService return result component and without a User-user information element, sends a REL message with the User-to-user indicators parameter coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and without the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs START TAC	Ms(DI_S_UUS_FAC(1,CREF,UUSrr(inv_ID),-,16))		
8		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
9		L1!PDUs	Ms(RC_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		?TIMEOUT TAC			
12		+PTC1_SYNC_1			
13		+ PO_SR_1(1)			
		PTC2_OUT			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_UUS1_exp(TRUE)			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_UUS_UUI(CIC_VAL, '1'B, '10'B,-))	(P)	
18		L2!P_PDUr	TrR(P_RLC_S (CIC_VAL))		
19		+PTC2_SYNC			
20		?TIMEOUT TWAIT		(I)	
21		+PTC2_SYNC			
22		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612214 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a DISCONNECT message with a Facility information element containing a UserUserService return result component and with a User-user information element, sends a REL message with the User-to-user indicators parameter coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs START TAC	Ms(DI_S_UUS_FAC(1,CREF,UUSrr(inv_ID),UUI_RS_UI,16))		
8		L1!PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
9		L1!PDUs	Ms(RC_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		?TIMEOUT TAC			
12		+PTC1_SYNC_1			
13		+ PO_SR_1(1)			
		PTC2_OUT			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_UUS1_exp(TRUE)			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_UUS_UUI(CIC_VAL, '1'B, '10'B, P_UUInf_RS_UI))	(P)	
18		L2!P_PDUr	TrR(P_RLC_S (CIC_VAL))		
19		+PTC2_SYNC			
20		?TIMEOUT TWAIT		(I)	
21		+PTC2_SYNC			
22		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612215 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a CONNECT message with a User-user information element, sends an ANM message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S_UUS(1,CREF,UUI_RS_UI))		
10		+PTC1_SYNC_1			
11		+ PO_SR_1(1)			
		PTC2_OUT			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_UUS1_exp(TRUE)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
17		+PTC2_SYNC			
18		+PO_RR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612216 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a DISCONNECT message with a User-user information element, sends a REL message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_1			
9		L1!PDUs START TAC	Ms(DI_S_UUS(1,CREF,UUI_RS_UI,16))		
10		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_OUT			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N07_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
21		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612217 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a RELEASE message with a User-user information element, sends a REL message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_1			
9		L1!PDU _s START TAC	Ms(RL_S_UUS(1,CREF,UUI_RS_UI,16))		
10		L1?PDU _r CANCEL TAC	Mr(RC_R1(0,CREF))		
11		+PTC1_SYNC_1			
12		?TIMEOUT TAC			
13		+PTC1_SYNC_1			
14		+ PO_SR_1(1)			
		PTC2_OUT			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N07_2_UUS1_exp(TRUE)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDU _r CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
20		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612218 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a RELEASE COMPLETE message with a User-user information element, sends a REL message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(RC_S_UUS(1,CREF,UUI_RS_UI,16))		
10		+PTC1_SYNC_1			
		PTC2_OUT			
11		ACTIVATE(OtherwiseFail_2)			
12		+PR_N07_2_UUS1_exp(TRUE)			
13		+PTC2_SYNC			
14		START TWAIT			
15		L2?P_PDUsr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
16		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
17		+PTC2_SYNC			
18		?TIMEOUT TWAIT		(I)	
19		+PTC2_SYNC			
20		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612219 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a DISCONNECT message with a User-user information element, sends a REL message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10I_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_1			
9		L1!PDUs START TAC	Ms(DI_S_UUS(1,CREF,UUI_RS_UI,16))		
10		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
11		L1!PDUs	Ms(RC_S1(1,CREF))		
12		+PTC1_SYNC_1			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_OUT			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N10I_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL,P_UUInf_RS_UI))	(P)	
21		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612220 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a RELEASE message with a User-user information element, sends a REL message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10I_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_1			
9		L1!PDU _s START TAC	Ms(RL_S_UUS(1,CREF,UUI_RS_UI,16))		
10		L1?PDU _r CANCEL TAC	Mr(RC_R1(0,CREF))		
11		+PTC1_SYNC_1			
12		?TIMEOUT TAC			
13		+PTC1_SYNC_1			
14		+ PO_SR_1(1)			
		PTC2_OUT			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N10I_2_UUS1_exp(TRUE)			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDU _r CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
20		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612221 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a RELEASE COMPLETE message with a User-user information element, sends a REL message with the User-to-user parameter. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10I_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(RC_S_UUS(1,CREF,UUI_RS_UI,16))		
10		+PTC1_SYNC_1			
		PTC2_OUT			
11		ACTIVATE(OtherwiseFail_2)			
12		+PR_N10I_2_UUS1_exp(TRUE)			
13		+PTC2_SYNC			
14		START TWAIT			
15		L2?P_PDUsr CANCEL TWAIT	TrI(P_REL_R_UUS(CIC_VAL, P_UUInf_RS_UI))	(P)	
16		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
17		+PTC2_SYNC			
18		?TIMEOUT TWAIT		(I)	
19		+PTC2_SYNC			
20		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612222 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a REL message with a User-to-user parameter, sends a DISCONNECT message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS(0,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_OUT			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N07_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUr START TAC	TrR(P_REL_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612223 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a REL message with a User-to-user parameter, sends a RELEASE message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(RL_R_UUS(0,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_1			
12		L1!PDU_S	Ms(RC_S1(1,CREF))		
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_OUT			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N07_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDU_S START TAC	TrR(P_REL_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612224 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a REL message with a User-to-user parameter, sends a DISCONNECT message with a User-user information element. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_IN			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N10I_1_UUS1_exp(TRUE)			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R_UUS(0,CREF,UUI_RS_UI))	(P)	
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC_1			
15		+ PO_SR_1(1)			
		PTC2_OUT			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N10I_2_UUS1_exp(TRUE)			
18		+PTC2_SYNC			
19		L2!P_PDUr START TAC	TrR(P_REL_S_UUS(CIC_VAL, P_UUInf_RS_UI))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP612225
Group : ISUP_DSS1/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a DISCONNECT message with a Cause information element coded Cause value = 29, Facility rejected and a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a REL message with the Cause parameter coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs START TAC	Ms(DI_S_FAC(1,CREF,UUSre(inv_ID,2),29))		
8		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
9		L1!PDUs	Ms(RC_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		?TIMEOUT TAC			
12		+PTC1_SYNC_1			
13		+ PO_SR_1(1)			
		PTC2_OUT			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_UUS1_exp(TRUE)			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL, 29,'2A'O))	(P)	
18		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
19		+PTC2_SYNC			
20		?TIMEOUT TWAIT		(I)	
21		+PTC2_SYNC			
22		+PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP612226 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a DISCONNECT message with a Cause information element coded Cause value = 29, Facility rejected and a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a REL message with the Cause parameter coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs START TAC	Ms(DI_S_FAC(1,CREF,UUSre(inv_ID,1),29))		
8		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
9		L1!PDUs	Ms(RC_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		?TIMEOUT TAC			
12		+PTC1_SYNC_1			
13		+ PO_SR_1(1)			
		PTC2_OUT			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_UUS1_exp(TRUE)			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL, 29,'2A'0))	(P)	
18		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
19		+PTC2_SYNC			
20		?TIMEOUT TWAIT		(I)	
21		+PTC2_SYNC			
22		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612227 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested), on receipt of a RELEASE COMPLETE message with a Cause information element coded Cause value = 29, Facility rejected and a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a REL message with the Cause parameter coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(RC_S_FAC(1,CREF,UUSre(inv_ID,2),29))		
8		+PTC1_SYNC_1			
		PTC2_OUT			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_UUS1_exp(TRUE)			
11		START TWAIT			
12		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL, 29,'2A'O))	(P)	
13		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT		(I)	
16		+PTC2_SYNC			
17		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612228 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested), on receipt of a RELEASE COMPLETE message with a Cause information element coded Cause value = 29, Facility rejected and a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a REL message with the Cause parameter coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(RC_S_FAC(1,CREF,UUSre(inv_ID,1),29))		
8		+PTC1_SYNC_1			
		PTC2_OUT			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_UUS1_exp(TRUE)			
11		START TWAIT			
12		L2?P_PDUR CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL, 29,'2A'O))	(P)	
13		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT		(I)	
16		+PTC2_SYNC			
17		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP612229

Group : ISUP_DSS1/UUS/UUS1_explicit/

Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a DISCONNECT message with a Cause information element coded Cause value = other than 29 and a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a REL message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs START TAC	Ms(DI_S_FAC(1,CREF,UUSre(inv_ID,2),16))		
8		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
9		L1!PDUs	Ms(RC_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		?TIMEOUT TAC			
12		+PTC1_SYNC_1			
13		+ PO_SR_1(1)			
		PTC2_OUT			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_UUS1_exp(TRUE)			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_UUS_UUI(CIC_VAL, '1'B, '01'B, -))	(P)	
18		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
19		+PTC2_SYNC			
20		?TIMEOUT TWAIT		(I)	
21		+PTC2_SYNC			
22		+PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP612230 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a DISCONNECT message with a Cause information element coded Cause value = other than 29 and a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a REL message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs START TAC	Ms(DI_S_FAC(1,CREF,UUSre(inv_ID,1),16))		
8		L1!PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
9		L1!PDUs	Ms(RC_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		?TIMEOUT TAC			
12		+PTC1_SYNC_1			
13		+ PO_SR_1(1)			
		PTC2_OUT			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_UUS1_exp(TRUE)			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_UUS_UII(CIC_VAL, '1'B,'01'B,-))	(P)	
18		L2!P_PDUr	TrR(P_RLC_S (CIC_VAL))		
19		+PTC2_SYNC			
20		?TIMEOUT TWAIT		(I)	
21		+PTC2_SYNC			
22		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP612231
Group : ISUP_DSS1/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a RELEASE message with a Cause information element coded Cause value = other than 29 and a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a REL message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDU _s START TAC	Ms(RL_S_FAC(1,CREF,UUSre(inv_ID,2),16))		
8		L1?PDU _r CANCEL TAC	Mr(RC_R1(0,CREF))		
9		+PTC1_SYNC_1			
10		?TIMEOUT TAC			
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
		PTC2_OUT			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_UUS1_exp(TRUE)			
15		START TWAIT			
16		L2?P_PDU _r CANCEL TWAIT	TrI (P_REL_R_UUS_UUI(CIC_VAL, '1'B, '01'B, -))	(P)	
17		L2!P_PDU _s	TrR(P_RLC_S (CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP612232 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a RELEASE message with a Cause information element coded Cause value = other than 29 and a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a REL message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs START TAC	Ms(RL_S_FAC(1,CREF,UUSre(inv_ID,1),16))		
8		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
9		+PTC1_SYNC_1			
10		?TIMEOUT TAC			
11		+PTC1_SYNC_1			
12		+ PO_SR_1(1)			
		PTC2_OUT			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_UUS1_exp(TRUE)			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_UUS_UUI(CIC_VAL, '1'B, '01'B, -))	(P)	
17		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP612233
Group : ISUP_DSS1/UUS/UUS1_explicit/
Purpose : Ensure that the SUT in state N6 (UUS1 has been requested), on receipt of a RELEASE COMPLETE message with a Cause information element coded Cause value = other than 29 and a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a REL message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.
Configuration : CONFIG1
Default : OtherwiseFail
Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs START TAC	Ms(RC_S_FAC(1,CREF,UUSre(inv_ID,2),16))		
8		+PTC1_SYNC_1			
		PTC2_OUT			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_UUS1_exp(TRUE)			
11		START TWAIT			
12		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_UUS_UI(CIC_VAL, '1'B, '01'B, -))	(P)	
13		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT		(I)	
16		+PTC2_SYNC			
17		+PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP612234 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested), on receipt of a RELEASE COMPLETE message with a Cause information element coded Cause value = other than 29 and a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a REL message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs START TAC	Ms(RC_S_FAC(1,CREF,UUSre(inv_ID,1),16))		
8		+PTC1_SYNC_1			
		PTC2_OUT			
9		ACTIVATE(OtherwiseFail_2)			
10		+PR_N06_2_UUS1_exp(TRUE)			
11		START TWAIT			
12		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_UUS_UUI(CIC_VAL, '1'B, '01'B, -))	(P)	
13		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		+PTC2_SYNC			
15		?TIMEOUT TWAIT		(I)	
16		+PTC2_SYNC			
17		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour

Test Case Name : TP612235

Group : ISUP_DSS1/UUS/UUS1_explicit/

Purpose : Ensure that the SUT in state N6 (UUS1 has been requested as "preferred"), not having sent the ACM message, on receipt of an ALERTING message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends an ACM message with the User-to-user indicators parameter coded
 Type = response
 Service 1 = not provided
 Service 2 = no information
 Service 3 = no information.

Configuration : CONFIG1

Default : OtherwiseFail

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSre (inv_ID,2),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R_UUS_UUI(CIC_VAL, '1'B,'01'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			

Detailed Comments :

Test Case Dynamic Behaviour					
Test Case Name : TP612236 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested as "preferred"), not having sent the ACM message, on receipt of an ALERTING message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends an ACM message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSre (inv_ID,1),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R_UUS_UUI(CIC_VAL, '1'B,'01'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612237 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested as "preferred"), on receipt of an ALERTING message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a CPG message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDU	Ms(ALT_S_UUS_FAC(1,CREF,UUSre(inv_ID,2),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R_UUS_UUI(CIC_VAL, '1'B, '01'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612238 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested as "preferred"), on receipt of an ALERTING message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a CPG message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSre (inv_ID,1),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R_UUS_UUI(CIC_VAL, '1'B,'01'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612239 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested as "preferred"), not having sent the ACM message, on receipt of a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a CON message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDU	Ms(CN_S_UUS_FAC(1,CREF,UUSre(inv_ID,2),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R_UUS_UUI(CIC_VAL, '1'B, '01'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612240 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested as "preferred"), not having sent the ACM message, on receipt of a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a CON message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(CN_S_UUS_FAC(1,CREF,UUSre(inv_ID,1),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R_UUS_UUI(CIC_VAL, '1'B, '01'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612241 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested as "preferred"), on receipt of a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends an ANM message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDU	Ms(CN_S_UUS_FAC(1,CREF,UUSre(inv_ID,2),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R_UUS_UUI(CIC_VAL, '1'B, '01'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612242 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested as "preferred"), on receipt of a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends an ANM message with the User-to-user indicators parameter coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(TRUE)			
7		L1!PDUs	Ms(CN_S_UUS_FAC(1,CREF,UUSre(inv_ID,1),-))		
8		+PTC1_SYNC_1			
9		+ PO_SR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(TRUE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R_UUS_UUI(CIC_VAL, '1'B, '01'B,-))	(P)	
14		+PTC2_SYNC			
15		+PO_RR_2			
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612243 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested as "required"), on receipt of an ALERTING message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a REL message with the Cause parameter coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(FALSE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSre(inv_ID,2),-))		
8		+PTC1_SYNC_1			
9		+ PO_RR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(FALSE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL,69,'2A'O))	(P)	
14		+PTC2_SYNC			
15		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612244 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested as "required"), on receipt of an ALERTING message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a REL message with the Cause parameter coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(FALSE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSre(inv_ID,1),-))		
8		+PTC1_SYNC_1			
9		+ PO_RR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(FALSE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL,69,'2A'O))	(P)	
14		+PTC2_SYNC			
15		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612245 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested as "required"), on receipt of an ALERTING message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a REL message with the Cause parameter coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(FALSE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSre(inv_ID,2),-))		
8		+PTC1_SYNC_1			
9		+ PO_RR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(FALSE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL,69,'2A'O))	(P)	
14		+PTC2_SYNC			
15		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612246 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested as "required"), on receipt of an ALERTING message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a REL message with the Cause parameter coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(FALSE)			
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSre(inv_ID,1),-))		
8		+PTC1_SYNC_1			
9		+ PO_RR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(FALSE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL,69,'2A'O))	(P)	
14		+PTC2_SYNC			
15		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612247 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested as "required"), on receipt of a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a REL message with the Cause parameter coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(FALSE)			
7		L1!PDUs	Ms(CN_S_UUS_FAC(1,CREF,UUSre(inv_ID,2),-))		
8		+PTC1_SYNC_1			
9		+ PO_RR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(FALSE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL,69,'2A'O))	(P)	
14		+PTC2_SYNC			
15		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612248 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N6 (UUS1 has been requested as "required"), on receipt of a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a REL message with the Cause parameter coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N06_1_UUS1_exp(FALSE)			
7		L1!PDUs	Ms(CN_S_UUS_FAC(1,CREF,UUSre(inv_ID,1),-))		
8		+PTC1_SYNC_1			
9		+ PO_RR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N06_2_UUS1_exp(FALSE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL,69,'2A'O))	(P)	
14		+PTC2_SYNC			
15		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612249 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested as "required"), on receipt of a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByUser, sends a REL message with the Cause parameter coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(FALSE)			
7		L1!PDUs	Ms(CN_S_UUS_FAC(1,CREF,UUSre(inv_ID,2),-))		
8		+PTC1_SYNC_1			
9		+ PO_RR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(FALSE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL,69,'2A'O))	(P)	
14		+PTC2_SYNC			
15		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
Test Case Name : TP612250 Group : ISUP_DSS1/UUS/UUS1_explicit/ Purpose : Ensure that the SUT in state N9 (UUS1 has been requested as "required"), on receipt of a CONNECT message with a Facility information element containing a UserUserService return error component coded Error value = rejectedByNetwork, sends a REL message with the Cause parameter coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name. Configuration : CONFIG1 Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT)			
2		+PR_IN_MTC			
3		+MTC_SYNC			
4		?DONE(PTC1, PTC2)			
		PTC1_IN			
5		ACTIVATE(OtherwiseFail_1(1))			
6		+PR_N09_1_UUS1_exp(FALSE)			
7		L1!PDUs	Ms(CN_S_UUS_FAC(1,CREF,UUSre(inv_ID,1),-))		
8		+PTC1_SYNC_1			
9		+ PO_RR_1(1)			
		PTC2_OUT			
10		ACTIVATE(OtherwiseFail_2)			
11		+PR_N09_2_UUS1_exp(FALSE)			
12		START TWAIT			
13		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R_diag(CIC_VAL,69,'2A'O))	(P)	
14		+PTC2_SYNC			
15		L2!P_PDUs	TrR(P_RLC_S (CIC_VAL))		
16		?TIMEOUT TWAIT		(I)	
17		+PTC2_SYNC			
18		+PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N00_1 Group : ISDN_Step/ Objective : Preamble to the ISDN Null call state N00. Default : OtherwiseFail Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1	L1	[NOT PX_L2_INIT]			(1)
2		+INIT_VARIABLES			(1)
3		[PX_L2_INIT]			(2)
4		+INIT_VARIABLES			(3)
5		L1!DL_REL_RQ START TAC			(4)
6		L1?DL_REL_CO CANCEL TAC		(P)	(5)
7		L1!DL_EST_RQ START TAC			(6)
8		L1?DL_EST_CO CANCEL TAC		(P)	(7)
9		+WAIT_RESTART			(8)
10		L1?DL_REL_IN START TNOAC			(9)
11		L1?DL_EST_IN CANCEL TAC , CANCEL TNOAC		(P)	(10)
12		+WAIT_RESTART			(11)
13		?TIMEOUT TNOAC			(12)
14		L1!DL_EST_RQ			(13)
15		GOTO L1			(14)
16		L1?OTHERWISE		I	(15)
17		L1?DL_EST_IN CANCEL TAC , START TNOAC			(16)
18		L1?DL_EST_CO CANCEL TNOAC		(P)	(17)
19		+WAIT_RESTART			(18)
20		?TIMEOUT TNOAC		I	no response
21		L1?OTHERWISE		I	(19)
22		?TIMEOUT TAC		I	no response
23		L1?OTHERWISE		I	(20)
24		?TIMEOUT TAC		I	no response
25		L1?OTHERWISE		I	(21)
26		INIT_VARIABLES			
27		[PC_BASIC] (CREF:= '0000001'B, CREF2:= '0000010'B, GLOB_CREF:= '0000000'B, B_CHN:= '01'B, B_CHN2:= '10'B)			Basic access
28		[NOT PC_BASIC]			
29		(CREF:= '0000000000000001'B, CREF2:= '000000000000010'B, GLOB_CREF:= '000000000000000'B, B_CHN:= INT_TO_BIT(PX_CH_NUM,7), B_CHN2:= INT_TO_BIT((PX_CH_NUM + 1),7))			Primary rate access
30		WAIT_RESTART			
31		[PX_WAIT_RESTART]			
32	LR	START T_RESTART L1?RESTARTTr	RSr(RST_R2(0,GLOB_CREF,6))		Single interface
33		L1!PDU s	Ms(RSA_S2(1,GLOB_CREF,6))		
34		GOTO LR			
35		L1?RESTARTTr	RSr(RST_R2(0,GLOB_CREF,7))		All interfaces
36		L1!PDU s	Ms(RSA_S2(1,GLOB_CREF,7))		
37		GOTO LR			
38		L1?RESTARTTr [NOT PC_BASIC] (B_CHN_RS:=DL_DAT_IN_RESTART.mun. chi_rs.chi_cn, CHI_LENGTH := DL_DAT_IN_RESTART.mun.chi.chi_l)	RSr(RST_R1(0,GLOB_CREF,0))		Indicated channels
39		L1!PDU s	Ms(RSA_S1(1,GLOB_CREF,B_CHN,B _CHN_RS,CHI_LENGTH,0))		

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Test Step Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
40		GOTO LR			Indicated channels
41		L1?RESTARTr [PC_BASIC] (B_CHN:=DL_DAT_IN_RESTART.mun.chi.chi_e3_cs)	RSr(RST_R1(0,GLOB_CREF,0))		
42		L1!PDUs	Ms(RSA_S1(1,GLOB_CREF,B_CHN,B_CHN_RS,CHI_LENGTH,0))		
43		GOTO LR			
44		?TIMEOUT T_RESTART			
45		[NOT PX_WAIT_RESTART]			
Detailed Comments : The layer 2 of the IUT at the access related to MTC (CES1) must have a TEI assigned value before the execution of this preamble. The procedure to assign the TEI value to the IUT is a 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. (2) Termination of the multiple frame operation is requested (A DISC frame is sent). (3) Termination of the multiple frame operation is confirmed (A UA or a DM frame is received). (4) Establishment of the multiple frame operation is requested (A SABME frame is sent). (5) Establishment of the multiple frame operation is confirmed (A UA frame is received). (6) The local subtree WAIT_RESTART is used to deal with the receipt of RESTART messages that may be sent by the IUT after the re-establishment of the multiple frame operation. (7) An unsuccessful establishment attempt is reported (A DM frame is received). (8) Establishment of the multiple frame operation is indicated (A SABME frame is received and a UA frame is sent). (9) Establishment of the multiple frame operation (requested in line 4) is confirmed (A UA frame is received). (10) Any other event occurred.					

Test Step Dynamic Behaviour					
Test Step Name : PR_N03_1					
Group : ISDN_Step/					
Objective : Preamble to the call state N03.					
Default : OtherwiseFail_1(0)					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			(I) no response postamble N0
2		CPA1!CP_M	RDY		
3		CPA1?CP_M	S_MSG		
4		L1!PDUs START TAC	Ms(SU_S1(0,CREF,B_CHN))		
5		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
6		?TIMEOUT TAC			
7		+PO_SR_1(0)			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10_1 Group : ISDN_Step/ Objective : Preamble to the call state N10. Default : OtherwiseFail_1(0) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		CPA1?CP_M	S_MSG		
4		L1!PDUs START TAC	Ms(SU_S1(0,CREF,B_CHN))		
5		L1?PDUr START TAC	Mr(CP_R1(1,CREF))		
6		L1?PDUr START TAC	Mr(ALT_R(1,CREF))		
7		L1?PDUr CANCEL TAC	Mr(CN_R(1, CREF))		
8		?TIMEOUT TAC		(I)	no response
9		+PO_SR_1(0)			postamble N0
10		?TIMEOUT TAC		(I)	no response
11		+PO_SR_1(0)			postamble N0
12		?TIMEOUT TAC		(I)	no response
13		+PO_SR_1(0)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10_1_1 Group : ISDN_Step/ Objective : Preamble to the Active call state N10. Default : OtherwiseFail_1(1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M START TWAIT	RDY		
3		+SETUP_R(SU_R1)			
4		L1!PDUs	Ms(ALT_S1(1,CREF))		
5		L1!PDUs	Ms(CN_S(1,CREF))		
6		?TIMEOUT TWAIT		(I)	no response
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N100_1_TWO Group : ISDN_Step/ Objective : Preamble to the call state N10 for two outgoing calls. The first call into the Call Held auxiliary state. Default : OtherwiseFail_1_TWO(0,0) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		CPA1?CP_M	S_MSG		
4		L1!PDUs START TAC	Ms(SU_S1(0,CREF,B_CHN))		
5		L1?PDUr START TAC	Mr(CP_R1(1,CREF))		
6		L1?PDUr START TAC	Mr(ALT_R(1,CREF))		
7		L1?PDUr	Mr(CN_R(1, CREF))	(P)	
8		L1!PDUs START TAC	Ms(HL_S1(0,CREF))		
9		L1?PDUr CANCEL TAC	Mr(HA_R1(1,CREF))		
10		CPA1!CP_M	RDY		
11		CPA1?CP_M	S_MSG		
12		L1!PDUs START TAC	Ms(SU_S1(0,CREF2,B_CHN2))		
13		L1?PDUr START TAC	Mr(CP_R1(1,CREF2))		
14		L1?PDUr START TAC	Mr(ALT_R(1,CREF2))		
15		L1?PDUr CANCEL TAC	Mr(CN_R(1, CREF2))	(P)	
16		?TIMEOUT TAC		(I)	no response
17		+PO_SR_1_TWO(0,0)			postamble N0
18		?TIMEOUT TAC		(I)	no response
19		+PO_SR_1_TWO(0,0)			postamble N0
20		?TIMEOUT TAC		(I)	no response
21		+PO_SR_1_TWO(0,0)			postamble N0
22		?TIMEOUT TAC		(F)	no response
23		+PO_SR_1(0)			postamble N0
24		?TIMEOUT TAC		(I)	no response
25		+PO_SR_1(0)			postamble N0
26		?TIMEOUT TAC		(I)	no response
27		+PO_SR_1(0)			postamble N0
28		?TIMEOUT TAC		(I)	no response
29		+PO_SR_1(0)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10I_1_TWO Group : ISDN_Step/ Objective : Preamble to the Active call state N10 for two incoming calls. The first call is put into the Call Held auxiliary state. Default : OtherwiseFail_1_TWO(1,1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M START TWAIT	RDY		
3		+SETUP_R(SU_R1)			
4		L1!PDUs	Ms(ALT_S1(1,CREF))		
5		L1!PDUs	Ms(CN_S(1,CREF))		
6		L1!PDUs START TAC	Ms(HL_S1(1,CREF))		(1)
7		L1?PDUr CANCEL TAC	Mr(HA_R1(0,CREF))		(2)
8		CPA1!CP_M START TWAIT	RDY		
9		L1?SETUPr [PC_PT_PT] (CREF2 := DL_DAT_IN_SETUP.mun.cr.cr _r) CANCEL TWAIT	Sr(SU_R1)	(P)	
10		L1!PDUs	Ms(ALT_S1(1,CREF2))		
11		L1!PDUs	Ms(CN_S(1,CREF2))		
12		L1?SETUP_BROADCASTr [PC_MPT] (CREF2 := DL_UDAT_IN_SETUP.mun.cr.c r_r) CANCEL TWAIT	SBr(SU_R1)	(P)	
13		L1!PDUs	Ms(ALT_S1(1,CREF2))		
14		L1!PDUs	Ms(CN_S(1,CREF2))		
15		?TIMEOUT TWAIT		(I)	no response
16		+PO_SR_1(1)			
17		?TIMEOUT TAC		(F)	no response
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	no response
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PO_RR_1 (FL:INTEGER) Group : ISDN_Step/ Objective : Default : OtherwiseFail_1(FL) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		L1?PDUr CANCEL TWAIT	Mr(RC_R1((FL+1)MOD 2,CREF))		
3		L1?PDUr CANCEL TWAIT	Mr(DI_R1((FL+1)MOD 2,CREF))		
4		L1!PDUs START TAC	Ms(RL_S1(FL,CREF,16))		
5		L1?PDUr CANCEL TAC	Mr(RC_R1((FL+1)MOD 2,CREF))		
6		L1?PDUr CANCEL TWAIT	Mr(RL_R1((FL+1)MOD 2,CREF))		
7		L1!PDUs	Ms(RC_S1(FL,CREF))		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PO_SR_1(FL: INTEGER)					
Group : ISDN_Step/					
Objective : To bring the IUT back to the Null call state N00. Send the RELEASE message.					
Default :					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1	L1	L1!PDUs START TAC	Ms(RL_S1(FL,CREF,16))		(1)
2		L1?PDUr CANCEL TAC	Mr(RC_R1((FL+1)MOD 2,CREF))		(2)
3		L1?PDUr	Mr(GFP_R1((FL+1)MOD 2,CREF))		
4		GOTO L1			
5		?TIMEOUT TAC		(I)	no response
6		L1?OTHERWISE		(I)	(3)
Detailed Comments : (1) A valid RELEASE message indicating the cause value 16 "Normal call clearing" is sent. (2) A RELEASE COMPLETE message is received from the IUT. (3) An invalid event occurred.					

Test Step Dynamic Behaviour					
Test Step Name : PO_SR_1_TWO(FL1, FL2: INTEGER)					
Group : ISDN_Step/					
Objective : To bring the IUT back to the Null call state N00 for two existing calls.					
Default :					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		L1!PDUs	Ms(RL_S1(FL1,CREF,16))		(1)
2		L1!PDUs START TAC	Ms(RL_S1(FL2,CREF2,16))		(1)
3		L1?PDUr	Mr(RC_R1((FL1+1)MOD 2,CREF))		(2)
4		L1?PDUr CANCEL TAC	Mr(RC_R1((FL2+1)MOD 2,CREF2))	R	(2)
5		?TIMEOUT TAC		F	no response
6		L1?OTHERWISE		F	(3)
7		L1?PDUr	Mr(RC_R1((FL2+1)MOD 2,CREF2))		(2)
8		L1?PDUr CANCEL TAC	Mr(RC_R1((FL1+1)MOD 2,CREF))	R	(2)
9		?TIMEOUT TAC		F	no response
10		L1?OTHERWISE		F	(3)
11		?TIMEOUT TAC		F	no response
12		L1?OTHERWISE		F	(3)
Detailed Comments : (1) A valid RELEASE message indicating the cause value 16 "Normal call clearing" is sent. (2) A RELEASE COMPLETE message is received from the IUT. (3) An invalid event occurred.					

Test Step Dynamic Behaviour					
Test Step Name : PTC1_SYNC_0					
Group : ISDN_Step/					
Objective : Synchronise interface 1 (ISDN) with MTC (and indirectly with interface 2 (ISUP))					
Default : OtherwiseFail_1(0)					
Comments : Sends a READY CM to MTC and waits for one in response					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA1!CP_M	RDY		
2		CPA1?CP_M	RDY		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PTC1_SYNC_0_TWO					
Group : ISDN_Step/					
Objective : Synchronise interface 1 (ISDN) with MTC (and indirectly with interface 2 (ISUP))					
Default : OtherwiseFail_1_TWO(0,0)					
Comments : Sends a READY CM to MTC and waits for one in response					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA1!CP_M	RDY		
2		CPA1?CP_M	RDY		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PTC1_SYNC_1					
Group : ISDN_Step/					
Objective : Synchronise interface 1 (ISDN) with MTC (and indirectly with interface 2 (ISUP))					
Default : OtherwiseFail_1(1)					
Comments : Sends a READY CM to MTC and waits for one in response					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA1!CP_M	RDY		
2		CPA1?CP_M	RDY		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PTC1_SYNC_1_TWO Group : ISDN_Step/ Objective : Synchronise interface 1 (ISDN) with MTC (and indirectly with interface 2 (ISUP)) Default : OtherwiseFail_1_TWO(1,1) Comments : Sends a READY CM to MTC and waits for one in response					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA1!CP_M	RDY		
2		CPA1?CP_M	RDY		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : SETUP_R(SU_VAL: SETUP_PDU) Group : ISDN_Step/ Objective : Test step to receive SETUP messages in I or UI frames. Default : OtherwiseFail_1(1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		L1?SETUPr [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_VAL)	(P)	
2		L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_VAL)	(P)	
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N03_1_CUG Group : ISDN_Step/ Objective : Preamble to the call state N03 for a CUG call. Default : OtherwiseFail_1(0) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		CPA1?CP_M	S_MSG		
4		L1!PDUs START TAC	Ms(SU_S_FAC (0,CREF,B_CHN,CUG_Inv(FALSE))		
5		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N06_1_CUG Group : ISDN_Step/ Objective : Preamble to the Call Present call state N06 for a CUG call. Default : OtherwiseFail_1(1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		START TWAIT			
4		L1?SETUPr [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_DAT_IN_SETUP.mun.fac.fac_com p.cUGCall_Components.cUGCall_In vokeComp.invokeID) CANCEL TWAIT	Sr(SU_R_FAC(CUG_Inv_R))	(P)	
5		L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_UDAT_IN_SETUP.mun.fac.fac_co mp.cUGCall_Components.cUGCall_I nvokeComp.invokeID) CANCEL TWAIT	SBr(SU_R_FAC(CUG_Inv_R))	(P)	
6		?TIMEOUT TWAIT		I	no response
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N09_1_CUG Group : ISDN_Step/ Objective : Preamble to the Incoming Call Proceeding call state N09 for a CUG call. Default : OtherwiseFail_1(1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		START TWAIT			
4		+RECEIVE_SETUP			
5		L1!PDUs	Ms(CP_S1(1,CREF))		
6		?TIMEOUT TWAIT		(I)	no response
7		+PO_SR_1(1)			postamble N0
8		RECEIVE_SETUP L1?SETUPr [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_DAT_IN_SETUP.mun.fac.fac_comp.cU GCall_Components.cUGCall_InvokeComp .invokeID) CANCEL TWAIT	Sr(SU_R_FAC(CUG_Inv_R))	(P)	
9		L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_UDAT_IN_SETUP.mun.fac.fac_comp.c UGCall_Components.cUGCall_InvokeCom p.invokeID) CANCEL TWAIT	SBr(SU_R_FAC(CUG_Inv_R))	(P)	
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N03_1_UUS1_imp Group : ISDN_Step/ Objective : Preamble to the call state N03 with activation of UUS service 1 implicit. Default : OtherwiseFail_1(0) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		CPA1?CP_M	S_MSG		
4		L1!PDUs START TAC	Ms(SU_S_UUS(0,CREF,B_CHN,UUI_RS_UI))		
5		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))	(P)	
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N04_1_UUS1_imp Group : ISDN_Step/ Objective : Preamble to the call state N04 with activation of UUS service 1 implicit. Default : OtherwiseFail_1(0) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		CPA1?CP_M	S_MSG		
4		L1!PDUs START TAC	Ms(SU_S_UUS(0,CREF,B_CHN,UUI_RS_UI))		
5		L1?PDUr CANCEL TAC, START TWAIT	Mr(CP_R1(1,CREF))		
6		L1?PDUr CANCEL TWAIT	Mr(ALT_R(1,CREF))	(P)	
7		?TIMEOUT TWAIT		(I)	no response
8		+PO_SR_1(0)			postamble N0
9		?TIMEOUT TAC		(I)	no response
10		+PO_SR_1(0)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N06_1_UUS1_imp					
Group : ISDN_Step/					
Objective : Preamble to the call state N06 with activation of UUS service 1 implicit.					
Default : OtherwiseFail_1(1)					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1	RDY	(I)	no response postamble N0
2		CPA1!CP_M START TWAIT			
3		+SETUP_R(SU_R_UUS(UUI_RS_NO_UI))			
4		?TIMEOUT TWAIT			
5		+PO_SR_1(1)			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N07_1_UUS1_imp Group : ISDN_Step/ Objective : Preamble to the call state N07 with activation of UUS service 1 implicit. Default : OtherwiseFail_1(1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1	RDY	(I)	no response postamble N0
2		CPA1!CP_M START TWAIT			
3		+SETUP_R(SU_R_UUS(UUI_RS_NO_UI))			
4		L1!PDUs			
5		?TIMEOUT TWAIT			
6		+PO_SR_1(1)	Ms(ALT_S1(1,CREF))		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10I_1_UUS1_imp Group : ISDN_Step/ Objective : Preamble to the call state N10 (incoming call) with activation of UUS service 1 implicit. Default : OtherwiseFail_1(1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1	RDY	(I)	no response postamble N0
2		CPA1!CP_M START TWAIT			
3		+SETUP_R(SU_R_UUS(UUI_RS_NO_UI))			
4		L1!PDUs			
5		L1!PDUs			
6		?TIMEOUT TWAIT	Ms(ALT_S1(1,CREF))		
7		+PO_SR_1(1)	Ms(CN_S(1,CREF))		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N100_1_UUS1_imp Group : ISDN_Step/ Objective : Preamble to the call state N10 (outgoing call) with activation of UUS service 1 implicit. Default : OtherwiseFail_1(0) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		CPA1?CP_M	S_MSG		
4		L1!PDUs START TAC	Ms(SU_S_UUS(0,CREF,B_CHN,UUI_RS_UI))		
5		L1?PDUr CANCEL TAC, START TWAIT	Mr(CP_R1(1,CREF))		
6		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(ALT_R(1,CREF))		
7		L1?PDUr CANCEL TWAIT	Mr(CN_R(1, CREF))	(P)	
8		?TIMEOUT TWAIT		(I)	no response
9		+PO_SR_1(1)			postamble N0
10		?TIMEOUT TWAIT		(I)	no response
11		+PO_SR_1(0)			postamble N0
12		?TIMEOUT TAC		(I)	no response
13		+PO_SR_1(0)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N03_1_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISDN_Step/ Objective : Preamble to the call state N03 with activation request of UUS service 1 explicit. Default : OtherwiseFail_1(0) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		CPA1?CP_M	S_MSG		
4		L1!PDUs START TAC	Ms(SU_S_UUS_FAC(0,CREF,B_CHN,UUSinv1(PREF_VAL),-))		
5		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))	(P)	
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N04_1_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISDN_Step/ Objective : Preamble to the call state N04 with completed activation of UUS service 1 explicit. Default : OtherwiseFail_1(0) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		CPA1?CP_M	S_MSG		
4		L1!PDU _s START TAC	Ms(SU_S_UUS_FAC(0,CREF,B_CHN,UUSinv1(PREF_VAL),-))		
5		L1?PDU _r CANCEL TAC, START TWAIT	Mr(CP_R1(1,CREF))		
6		L1?PDU _r CANCEL TWAIT	Mr(ALT_R_UUS_FAC(1,CREF,UUSrr(1),-))	(P)	
7		?TIMEOUT TWAIT		(I)	no response
8		+PO_SR_1(0)			postamble N0
9		?TIMEOUT TAC		(I)	no response
10		+PO_SR_1(0)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N06_1_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISDN_Step/ Objective : Preamble to the call state N06 with activation request of UUS service 1 explicit. Default : OtherwiseFail_1(1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M START TWAIT	RDY		
3		L1?SETUP _r [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_DAT_IN_SETUP.mun.fac.fac_comp.userUserService_Components.userUserService_InvokeComp.invokeID) CANCEL TWAIT	Sr(SU_R_UUS_FAC(UUSinv2(PREF_VAL),-))	(P)	
4		L1?SETUP_BROADCAST _r [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_UDAT_IN_SETUP.mun.fac.fac_comp.userUserService_Components.userUserService_InvokeComp.invokeID) CANCEL TWAIT	SBr(SU_R_UUS_FAC(UUSinv2(PREF_VAL),-))	(P)	
5		?TIMEOUT TWAIT		(I)	no response
6		+PO_SR_1(1)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N07_1_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISDN_Step/ Objective : Preamble to the call state N07 with completed activation of UUS service 1 explicit. Default : OtherwiseFail_1(1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M START TWAIT	RDY		
3		L1?SETUPr [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_DAT_IN_SETUP.mun.fac.fac_comp. userUserService_Components.userUs erService_InvokeComp.invokeID) CANCEL TWAIT	Sr(SU_R_UUS_FAC(UUSinv2(PREF_ VAL),-))	(P)	
4		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSrr (inv_ID),-))		
5		L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_UDAT_IN_SETUP.mun.fac.fac_comp .userUserService_Components.userU serService_InvokeComp.invokeID) CANCEL TWAIT	SBr(SU_R_UUS_FAC(UUSinv2(PREF _VAL),-))	(P)	
6		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSrr (inv_ID),-))		
7		?TIMEOUT TWAIT		(I)	no response
8		+PO_SR_1(1)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N09_1_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISDN_Step/ Objective : Preamble to the call state N09 with activation request of UUS service 1 explicit. Default : OtherwiseFail_1(1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M START TWAIT	RDY		
3		L1?SETUPr [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_DAT_IN_SETUP.mun.fac.fac_comp. userUserService_Components.userUs erService_InvokeComp.invokeID) CANCEL TWAIT	Sr(SU_R_UUS_FAC(UUSinv2(PREF_ VAL),-))	(P)	
4		L1!PDUs	Ms(CP_S1(1,CREF))		
5		L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_UDAT_IN_SETUP.mun.fac.fac_comp .userUserService_Components.userU serService_InvokeComp.invokeID) CANCEL TWAIT	SBr(SU_R_UUS_FAC(UUSinv2(PREF _VAL),-))	(P)	
6		L1!PDUs	Ms(CP_S1(1,CREF))		
7		?TIMEOUT TWAIT		(I)	no response
8		+PO_SR_1(1)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10I_1_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISDN_Step/ Objective : Preamble to the call state N10 (incoming call) with completed activation of UUS service 1 explicit. Default : OtherwiseFail_1(1) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M START TWAIT	RDY		
3		L1?SETUPr [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_DAT_IN_SETUP.mun.fac.fac_comp. userUserService_Components.userUs erService_InvokeComp.invokeID) CANCEL TWAIT	Sr(SU_R_UUS_FAC(UUSinv2(PREF_VAL),-))	(P)	
4		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSrr(inv_ID),-))		
5		L1!PDUs	Ms(CN_S(1,CREF))		
6		L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r, inv_ID := DL_UDAT_IN_SETUP.mun.fac.fac_comp. .userUserService_Components.userU serService_InvokeComp.invokeID) CANCEL TWAIT	SBr(SU_R_UUS_FAC(UUSinv2(PREF_VAL),-))	(P)	
7		L1!PDUs	Ms(ALT_S_UUS_FAC(1,CREF,UUSrr(inv_ID),-))		
8		L1!PDUs	Ms(CN_S(1,CREF))		
9		?TIMEOUT TWAIT		(I)	no response
10		+PO_SR_1(1)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10O_1_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISDN_Step/ Objective : Preamble to the call state N10 (outgoing call) with completed activation of UUS service 1 explicit. Default : OtherwiseFail_1(0) Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1			
2		CPA1!CP_M	RDY		
3		CPA1?CP_M	S_MSG		
4		L1!PDUs START TAC	Ms(SU_S_UUS_FAC(0,CREF,B_CHN,UUSinv1(PREF_VAL),-))		
5		L1?PDUr CANCEL TAC, START TWAIT	Mr(CP_R1(1,CREF))		
6		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(ALT_R_UUS_FAC(1,CREF,UUSrr(1),-))	(P)	
7		L1?PDUr CANCEL TWAIT	Mr(CN_R(1, CREF))	(P)	
8		?TIMEOUT TWAIT		(I)	no response
9		+PO_SR_1(1)			postamble N0
10		?TIMEOUT TWAIT		(I)	no response
11		+PO_SR_1(0)			postamble N0
12		?TIMEOUT TAC		(I)	no response
13		+PO_SR_1(0)			postamble N0
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N02_2 Group : ISUP_Step/ Objective : Bring IUT to the DSS1 call state N02. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		CPA2!CP_M	RDY		
3		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R)		
4		?TIMEOUT TWAIT		(I)	
5		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N03_2 Group : ISUP_Step/ Objective : Bring IUT to the DSS1 call state N03. Default : Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N02_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10_2 Group : ISUP_Step/ Objective : Bring IUT to the DSS1 call state N10. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		START TWAIT			
3		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R)		
4		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B, '1'B,'0'B))		
5		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
6		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
7		?TIMEOUT TWAIT		(I)	
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10_2_1 Group : ISUP_Step/ Objective : Bring IUT to the DSS1 call state N10. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs (CIC_VAL := PXP_CIC_S) START TWAIT	TrR (P_IAM_S)		
4		L2?P_PDUr	TrI (P_ACM_R (CIC_VAL))		
5		L2?P_PDUr	TrI (P_CPG_R1 (CIC_VAL,1))		
6		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R (CIC_VAL))	(P)	
7		?TIMEOUT TWAIT		(I)	
8		+ PO_SR_2			
9		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R (CIC_VAL))	(P)	
10		?TIMEOUT TWAIT		(I)	
11		+ PO_SR_2			
12		?TIMEOUT TWAIT		(I)	
13		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour

Test Step Name : PR_N10I_2_TWO

Group : ISUP_Step/

Objective : Bring IUT to the DSS1 call state N10 for two incoming calls. The second call is put into the Call Held auxiliary state.

Default : OtherwiseFail_2_TWO

Comments :

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDU_S (CIC_VAL := PXP_CIC_S) START TWAIT	TrR (P_IAM_S)		
4		L2?P_PDUr	TrI (P_ACM_R (CIC_VAL))		
5		L2?P_PDUr	TrI (P_CPG_R1 (CIC_VAL,1))		
6		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R (CIC_VAL))	(P)	
7		+SECOND_CALL			
8		?TIMEOUT TWAIT		(I)	
9		+ PO_SR_2			
10		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R (CIC_VAL))	(P)	
11		+SECOND_CALL			
12		?TIMEOUT TWAIT		(I)	
13		+ PO_SR_2			
14		?TIMEOUT TWAIT		(I)	
15		+ PO_SR_2			
		SECOND_CALL			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('F9'O)))		
18		CPA2!CP_M	RDY		
19		CPA2?CP_M	S_MSG		
20		L2!P_PDU_S (CIC_VAL2 := PXP_CIC_S2) START TWAIT	TrR (P_IAM_S_TWO)		
21		L2?P_PDUr	TrI (P_ACM_R (CIC_VAL2))		
22		L2?P_PDUr	TrI (P_CPG_R1 (CIC_VAL2,1))		
23		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R (CIC_VAL2))	(P)	
24		?TIMEOUT TWAIT		(I)	
25		+ PO_SR_2_TWO			
26		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R (CIC_VAL2))	(P)	
27		?TIMEOUT TWAIT		(I)	
28		+ PO_SR_2_TWO			
29		?TIMEOUT TWAIT		(I)	
30		+ PO_SR_2_TWO			
31		?TIMEOUT TWAIT		(I)	
32		+ PO_SR_2_TWO			

Detailed Comments :

Test Step Dynamic Behaviour					
Test Step Name : PR_N100_2_TWO Group : ISUP_Step/ Objective : Bring IUT to the DSS1 call state N10 for two outgoing calls. The first call is put into the Call Held auxiliary state. Default : OtherwiseFail_2_TWO Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		START TWAIT			
3		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICod CANCEL TWAIT	IrI (P_IAM_R)		
4		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B, '1'B,'0'B))		
5		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
6		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
7		START TWAIT			
8		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('F9'O)))		
9		CPA2!CP_M	RDY		
10		START TWAIT			
11		L2?P_IAMr (CIC_VAL2 := IAM_IND.isup_pdu.CICod e.CIC) CANCEL TWAIT	IrI (P_IAM_R)	(P)	
12		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL2,'01'B,'1'B , '1'B,'0'B))		
13		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL2,1))		
14		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL2))		
15		?TIMEOUT TWAIT		(I)	
16		+ PO_RR_2			
17		?TIMEOUT TWAIT		(I)	
18		+ PO_RR_2_TWO			
19		?TIMEOUT TWAIT		(I)	
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PO_SR_2 Group : ISUP_Step/ Objective : To release the call. Send the RELEASE message. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		L2! P_PDUs START TWAIT	TrR(P_REL_S (CIC_VAL))		
2		L2? P_PDUr CANCEL TWAIT	TrI(P_RLC_R (CIC_VAL))		
3		?TIMEOUT TWAIT		(I)	
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PO_RR_2 Group : ISUP_Step/ Objective : To release the call. Receive the RELEASE message. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		L2? P_PDUR CANCEL TWAIT	TrI(P_REL_R (CIC_VAL))		
3		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
4		?TIMEOUT TWAIT		(I)	
5		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PO_RR_2_TWO Group : ISUP_Step/ Objective : To release two calls. Default : OtherwiseFail_2_TWO Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		L2? P_PDUR	TrI(P_REL_R (CIC_VAL))		
3		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
4		L2? P_PDUR CANCEL TWAIT	TrI(P_REL_R (CIC_VAL2))		
5		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
6		?TIMEOUT TWAIT		(I)	
7		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
8		L2? P_PDUR	TrI(P_REL_R (CIC_VAL2))		
9		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
10		L2? P_PDUR CANCEL TWAIT	TrI(P_REL_R (CIC_VAL))		
11		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
12		?TIMEOUT TWAIT		(I)	
13		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
14		?TIMEOUT TWAIT		(I)	
15		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL))		
16		L2! P_PDUs	TrR(P_RLC_S (CIC_VAL2))		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PO_SR_2_TWO Group : ISUP_Step/ Objective : To release two calls. Default : OtherwiseFail_2_TWO Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		L2!P_PDUs	TrR(P_REL_S (CIC_VAL))		
2		L2!P_PDUs START TWAIT	TrR(P_REL_S (CIC_VAL2))		
3		L2?P_PDUr	TrI(P_RLC_R (CIC_VAL))		
4		L2?P_PDUr CANCEL TWAIT	TrI(P_RLC_R (CIC_VAL2))		
5		L2?OTHERWISE CANCEL TWAIT		(I)	
6		?TIMEOUT TWAIT		(I)	
7		L2?P_PDUr	TrI(P_RLC_R (CIC_VAL2))		
8		L2?P_PDUr CANCEL TWAIT	TrI(P_RLC_R (CIC_VAL))		
9		L2?OTHERWISE CANCEL TWAIT		(I)	
10		?TIMEOUT TWAIT		(I)	
11		L2?OTHERWISE CANCEL TWAIT		(I)	
12		?TIMEOUT TWAIT		(I)	
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_3PTY_2 Group : ISUP_Step/ Objective : Preamble to the 3PTY Activated auxiliary state. Default : OtherwiseFail_2_TWO Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C2'O)))	(P)	
3		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C2'O)))	(P)	
4		?TIMEOUT TWAIT		(I)	
5		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C2'O)))	(P)	
6		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R_NOT (CIC_VAL,P_GenNot_RS('C2'O)))	(P)	
7		?TIMEOUT TWAIT		(I)	
8		?TIMEOUT TWAIT		(I)	
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N06_2_CUG Group : ISUP_Step/ Objective : Bring IUT to the DSS1 call state N06 for a CUG call. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs	TrR (P_IAM_S_CUG('11'B,P_CUGIC_RS 1))		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N09_2_CUG Group : ISUP_Step/ Objective : Bring IUT to the DSS1 call state N09 for a CUG call. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs START TAC	TrR (P_IAM_S_CUG('11'B,P_CUGIC_RS 1))		
4		L2?P_PDUr CANCEL TAC	TrI (P_ACM_R (PXP_CIC_S))		
5		?TIMEOUT TAC			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N03_2_UUS1_imp Group : ISUP_Step/ Objective : Preamble to the call state N03 with activation of UUS service 1 implicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		CPA2!CP_M	RDY		
3		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS(P_UUInf_RS_UI))	(P)	
4		?TIMEOUT TWAIT		(I)	
5		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N04_2_UUS1_imp Group : ISUP_Step/ Objective : Preamble to the call state N04 with activation of UUS service 1 implicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		CPA2!CP_M	RDY		
3		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS(P_UUInf_RS_UI))	(P)	
4		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1 'B,'1'B,'0'B))		
5		?TIMEOUT TWAIT		(I)	
6		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N06_2_UUS1_imp Group : ISUP_Step/ Objective : Preamble to the call state N06 with activation of UUS service 1 implicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS(P_UUInf_RS_NO_UI))		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N07_2_UUS1_imp Group : ISUP_Step/ Objective : Preamble to the call state N07 with activation of UUS service 1 implicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs (CIC_VAL := PXP_CIC_S) START TWAIT	TrR (P_IAM_S_UUS(P_UUInf_RS_NO_UI))		
4		L2?P_PDUR	TrI (P_ACM_R12 (CIC_VAL))		
5		L2?P_PDUR CANCEL TWAIT	TrI (P_CPG_R1 (CIC_VAL,1))	(P)	
6		?TIMEOUT TWAIT		(I)	
7		+ PO_SR_2			
8		L2?P_PDUR CANCEL TWAIT	TrI (P_ACM_R (CIC_VAL))	(P)	
9		?TIMEOUT TWAIT		(I)	
10		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10I_2_UUS1_imp Group : ISUP_Step/ Objective : Preamble to the call state N10 (incoming call) with activation of UUS service 1 implicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs (CIC_VAL := PXP_CIC_S) START TWAIT	TrR (P_IAM_S_UUS(P_UUInf_RS_NO_UI))		
4		L2?P_PDUR	TrI (P_ACM_R (CIC_VAL))		
5		L2?P_PDUR	TrI (P_CPG_R1 (CIC_VAL,1))		
6		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R (CIC_VAL))	(P)	
7		?TIMEOUT TWAIT		(I)	
8		+ PO_SR_2			
9		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R (CIC_VAL))	(P)	
10		?TIMEOUT TWAIT		(I)	
11		+ PO_SR_2			
12		?TIMEOUT TWAIT		(I)	
13		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10O_2_UUS1_imp Group : ISUP_Step/ Objective : Preamble to the call state N10 (outgoing call) with activation of UUS service 1 implicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		CPA2!CP_M	RDY		
3		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS(P_UUInf_RS_UI))	(P)	
4		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1 'B,'1'B,'0'B))		
5		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
6		?TIMEOUT TWAIT		(I)	
7		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N03_2_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISUP_Step/ Objective : Preamble to the call state N03 with activation request of UUS service 1 explicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		CPA2!CP_M	RDY		
3		L2?P_IAMr [PREF_VAL] (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS_UUI('00'B,'0'B,'10'B,-))	(P)	
4		L2?P_IAMr [NOT PREF_VAL] (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS_UUI('10'B,'0'B,'11'B,-))	(P)	
5		?TIMEOUT TWAIT		(I)	
6		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N04_2_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISUP_Step/ Objective : Preamble to the call state N04 with completed activation of UUS service 1 explicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		CPA2!CP_M	RDY		
3		L2?P_IAMr [PREF_VAL] (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS_UUI('00'B,'0'B,'10'B,-))	(P)	
4		L2!P_PDUs	TrR(P_ACM_S_UUS_UUI(CIC_VAL, '1'B,'10'B,-))		
5		L2?P_IAMr [NOT PREF_VAL] (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS_UUI('10'B,'0'B,'11'B,-))	(P)	
6		L2!P_PDUs	TrR(P_ACM_S_UUS_UUI(CIC_VAL, '1'B,'10'B,-))		
7		?TIMEOUT TWAIT		(I)	
8		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N06_2_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISUP_Step/ Objective : Preamble to the call state N06 with activation request of UUS service 1 explicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		[PREF_VAL]			
4		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'10'B,-))		
5		[NOT PREF_VAL]			
6		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'11'B,-))		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N07_2_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISUP_Step/ Objective : Preamble to the call state N07 with completed activation of UUS service 1 explicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		[PREF_VAL]			
4		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'10'B,-))		
5		+SUBTREE_N07			
6		[NOT PREF_VAL]			
7		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'11'B,-))		
8		+SUBTREE_N07			
9		SUBTREE_N07			
10		START TWAIT			
11		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R_UUS_UUI(CIC_VAL,'1'B,'10'B,-))	(P)	
12		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R_UUS_UUI(CIC_VAL,'1'B,'10'B,-))	(P)	
13		?TIMEOUT TWAIT		(I)	
		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N09_2_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISUP_Step/ Objective : Preamble to the call state N09 with activation request of UUS service 1 explicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		[PREF_VAL]			
4		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'10'B,-))		
5		+SUBTREE_N09			
6		[NOT PREF_VAL]			
7		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'11'B,-))		
8		+SUBTREE_N09			
		SUBTREE_N09			
9		START TWAIT			
10		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R (CIC_VAL))		
11		?TIMEOUT TWAIT		(I)	
12		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N10I_2_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISUP_Step/ Objective : Preamble to the call state N10 (incoming call) with completed activation of UUS service 1 explicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		[PREF_VAL]			
4		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'10'B,-))		
5		+SUBTREE_N10			
6		[NOT PREF_VAL]			
7		L2!P_PDUs (CIC_VAL := PXP_CIC_S)	TrR (P_IAM_S_UUS_UUI('0'B,'11'B,-))		
8		+SUBTREE_N10			
		SUBTREE_N10			
9		START TWAIT			
10		L2?P_PDUr	TrI (P_ACM_R_UUS_UUI(CIC_VAL,'1'B,'10'B,-))		
11		L2?P_PDUr	TrI (P_CPG_R_UUS_UUI(CIC_VAL,'1'B,'10'B,-))		
12		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R (CIC_VAL))	(P)	
13		?TIMEOUT TWAIT		(I)	
14		+ PO_SR_2			
15		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R (CIC_VAL))	(P)	
16		?TIMEOUT TWAIT		(I)	
17		+ PO_SR_2			
18		?TIMEOUT TWAIT		(I)	
19		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N100_2_UUS1_exp(PREF_VAL: BOOLEAN) Group : ISUP_Step/ Objective : Preamble to the call state N10 (outgoing call) with completed activation of UUS service 1 explicit. Default : OtherwiseFail_2 Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		CPA2!CP_M	RDY		
3		L2?P_IAMr [PREF_VAL] (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS_UII('00'B,'0'B,'10'B,-))	(P)	
4		L2!P_PDUs	TrR(P_ACM_S_UUS_UII(CIC_VAL,'1'B,'10'B,-))		
5		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
6		L2?P_IAMr [NOT PREF_VAL] (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R_UUS_UII('10'B,'0'B,'11'B,-))	(P)	
7		L2!P_PDUs	TrR(P_ACM_S_UUS_UII(CIC_VAL,'1'B,'10'B,-))		
8		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
9		?TIMEOUT TWAIT		(I)	
10		+ PO_SR_2			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PTC2_SYNC Group : ISUP_Step/ Objective : Synchronise interface 2 (ISUP) with MTC (and indirectly with interface 1 (ISDN)) Default : OtherwiseFail_2 Comments : Sends a READY CM to MTC and waits for one in response					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	RDY		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PTC2_SYNC_TWO Group : ISUP_Step/ Objective : Synchronise interface 2 (ISUP) with MTC (and indirectly with interface 1 (ISDN)) Default : OtherwiseFail_2_TWO Comments : Sends a READY CM to MTC and waits for one in response					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	RDY		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_N00_MTC Group : MTC_Step/ Objective : To start the testcase guard timer T_GUARD Default : Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START T_GUARD			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_OUT_MTC					
Group : MTC_Step/					
Objective : MTC preamble for outgoing calls					
Default :					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_MTC			
2		+PTC_Ready			
3		CPA1!CP_M			
			S_MSG		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_OUT_MTC_TWO					
Group : MTC_Step/					
Objective : MTC preamble for two outgoing calls					
Default :					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_MTC	S_MSG		
2		+PTC_Ready			
3		CPA1!CP_M			
4		+PTC_Ready	S_MSG		
5		CPA1!CP_M			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_IN_MTC					
Group : MTC_Step/					
Objective : MTC preamble for incoming calls					
Default :					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_MTC	S_MSG		
2		+PTC_Ready			
3		CPA2!CP_M			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PR_IN_MTC_TWO					
Group : MTC_Step/					
Objective : MTC preamble for two incoming calls					
Default :					
Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_MTC	S_MSG		
2		+PTC_Ready			
3		CPA2!CP_M			
4		+PTC_Ready	S_MSG		
5		CPA2!CP_M			
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : MTC_SYNC Group : MTC_Step/ Objective : MTC synchronises both sides ISDN and ISUP Default : Comments : Waits for a READY CM from each PTC and then sends one to each PTC.					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		CPA1?CP_M	RDY		
3		CPA2?CP_M CANCEL TWAIT	RDY		
4		CPA1!CP_M	RDY		
5		CPA2!CP_M	RDY		
6		?TIMEOUT TWAIT		(F)	
7		CPA1!CP_M	STOP_PTC		
8		CPA2!CP_M	STOP_PTC		
9		CPA2?CP_M	RDY		
10		CPA1?CP_M CANCEL TWAIT	RDY		
11		CPA1!CP_M	RDY		
12		CPA2!CP_M	RDY		
13		?TIMEOUT TWAIT		(F)	
14		CPA1!CP_M	STOP_PTC		
15		CPA2!CP_M	STOP_PTC		
16		?TIMEOUT TWAIT		(F)	
17		CPA1!CP_M	STOP_PTC		
18		CPA2!CP_M	STOP_PTC		
Detailed Comments :					

Test Step Dynamic Behaviour					
Test Step Name : PTC_Ready Group : PTC_Step/ Objective : Default : Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START TWAIT			
2		CPA1?CP_M	RDY		
3		CPA2?CP_M CANCEL TWAIT	RDY		
4		?TIMEOUT TWAIT		I	
5		CPA2?CP_M	RDY		
6		CPA1?CP_M CANCEL TWAIT	RDY		
7		?TIMEOUT TWAIT		I	
8		?TIMEOUT TWAIT		I	
Detailed Comments :					

Default Dynamic Behaviour					
Default Name : OtherwiseFail Group : Objective : Default behaviour for the MTC Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		?TIMEOUT T_GUARD		(I)	no response
2		START TAC			
3		?DONE(PTC1) START TAC			(1)
4		?DONE(PTC2) CANCEL TAC		R	(1)
5		?TIMEOUT TAC			no response
6		CPA2!CP_M START TWAIT	STOP_PTC		(2)
7		?DONE(PTC2) CANCEL TWAIT		R	(1)
8		?TIMEOUT TWAIT		R	no response
9		?DONE(PTC2) START TAC			(1)
10		?DONE(PTC1) CANCEL TAC		R	(1)
11		?TIMEOUT TAC			no response
12		CPA1!CP_M START TWAIT	STOP_PTC		(2)
13		?DONE(PTC1) CANCEL TWAIT		R	(1)
14		?TIMEOUT TWAIT		R	no response
15		?TIMEOUT TAC			no response
16		CPA1!CP_M	STOP_PTC		(2)
17		CPA2!CP_M START TWAIT	STOP_PTC		(2)
18		?DONE(PTC2)			(1)
19		?DONE(PTC1) CANCEL TWAIT		R	(1)
20		?TIMEOUT TWAIT		R	no response
21		?DONE(PTC1)			(1)
22		?DONE(PTC2) CANCEL TWAIT		R	(1)
23		?TIMEOUT TWAIT		R	no response
24		?TIMEOUT TWAIT		R	no response
Detailed Comments : (1) All procedures at PTC have finished their activity. (2) This coordination message indicates to PTC to terminate all actions.					

Default Dynamic Behaviour						
Default Name : OtherwiseFail_1 (FL:INTEGER)						
Group :						
Objective : Default subtree for all test cases.						
Comments :						
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments	
1	L1	L1?DL_REL_IN		I	DL failure	
2		L1?DL_EST_IN		(I)	DL reset	
3		+RELEASE_CALL(FL)			(1)	
4		L1?PDUr	Mr(RL_R1((FL+1)MOD 2,CREF))	(F)		
5		L1!PDUs	Ms(RC_S1(FL,CREF))	R		
6		+IGNORE_MESSAGES(FL)			(2)	
7		RETURN			(3)	
8		L1?SETUPr [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r)	Sr(SU_R1)			
9		L1!PDUs	Ms(RC_S1(1,CREF))	F		
10		L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r)	SBr(SU_R1)			
11		L1!PDUs	Ms(RC_S1(1,CREF))	F		
12		L1?OTHERWISE		(F)	(4)	
13		+RELEASE_CALL(FL)			(1)	
14		?TIMEOUT		(F)		
15		+RELEASE_CALL(FL)			(1)	
16		CPA1?CP_M	STOP_PTC			
17		+RELEASE_CALL(FL)			(1)	
		IGNORE_MESSAGES(FL: INTEGER)				
18		L1?PDUr	Mr(PG_R(1,CREF))			ignore
19		L1?PDUr	Mr(CA_R1(0,CREF))			ignore
20		L1?PDUr	Mr(IN_R((FL+1)MOD 2,CREF))			ignore
21		L1?PDUr	Mr(NO_R1((FL+1)MOD 2,CREF))			ignore
22		L1?PDUr	Mr(SQ_R1((FL+1)MOD 2,CREF))			ignore
23		L1?PDUr	Mr(ST_R1(0,CREF))			ignore
24		L1?PDUr	Mr(GFP_R1((FL+1)MOD 2,CREF))			ignore
		RELEASE_CALL(FL: INTEGER)				
25		L1!PDUs START TAC	Ms(RL_S1(FL,CREF,16))			(5)
26		L1?PDUr CANCEL TAC	Mr(RC_R1((FL+1)MOD 2,CREF))	R		(6)
27		?TIMEOUT TAC		R		no response
28		+IGNORE_MESSAGES(FL)				(2)
29	GOTO L1					
30	L1?OTHERWISE		R		(4)	
Detailed Comments : (1) Subtree to release the call. (2) Subtree to filter the receipt of certain messages. (3) Return to the test body. (4) An invalid event occurred. (5) A valid RELEASE message with cause #16 is sent. (6) A RELEASE COMPLETE message is received from the IUT.						

Default Dynamic Behaviour					
Default Name : OtherwiseFail_1_TWO (FL1,FL2: INTEGER) Group : Objective : Default subtree for all test cases with two existing calls. Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		L1?DL_REL_IN		I	DL failure
2		L1?DL_EST_IN		(I)	DL reset
3		+RELEASE_CALL(FL1,FL2)			(1)
4		L1?PDUr	Mr(HR_R1((FL1+1)MOD 2,CREF))	(F)	HOLD REJECT
5		+RELEASE_CALL(FL1,FL2)			(1)
6		L1?PDUr	Mr(RTR_R1((FL1+1)MOD 2,CREF))	(F)	RETRIEVE REJECT
7		+RELEASE_CALL(FL1,FL2)			(1)
8		+IGNORE_MESSAGES(FL1,FL2)			(2)
9		RETURN			(3)
10		L1?SETUPr [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r)	Sr(SU_R1)		
11		L1!PDUs	Ms(RC_S1(1,CREF))	F	
12		L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r)	SBr(SU_R1)		
13		L1!PDUs	Ms(RC_S1(1,CREF))	F	
14		L1?OTHERWISE		(F)	(4)
15		+RELEASE_CALL(FL1,FL2)			(1)
16		?TIMEOUT		(F)	
17		+RELEASE_CALL(FL1,FL2)			(1)
18		CPA1?CP_M	STOP_PTC		
19		+RELEASE_CALL(FL1,FL2)			(1)
		IGNORE_MESSAGES(FL1,FL2: INTEGER)			
20		L1?PDUr	Mr(PG_R(1,CREF))		ignore
21		L1?PDUr	Mr(CA_R1(0,CREF))		ignore
22		L1?PDUr	Mr(IN_R((FL1+1)MOD 2,CREF))		ignore
23		L1?PDUr	Mr(NO_R1((FL1+1)MOD 2,CREF))		ignore
24		L1?PDUr	Mr(SQ_R1((FL1+1)MOD 2,CREF))		ignore
25		L1?PDUr	Mr(ST_R1(0,CREF))		ignore
26		L1?PDUr	Mr(GFP_R1((FL1+1)MOD 2,CREF))		ignore
27		L1?PDUr	Mr(PG_R(1,CREF2))		ignore
28		L1?PDUr	Mr(CA_R1(0,CREF2))		ignore
29		L1?PDUr	Mr(IN_R((FL2+1)MOD 2,CREF2))		ignore
30		L1?PDUr	Mr(NO_R1((FL2+1)MOD 2,CREF2))		ignore
31		L1?PDUr	Mr(SQ_R1((FL2+1)MOD 2,CREF2))		ignore
32		L1?PDUr	Mr(ST_R1(0,CREF2))		ignore
33		L1?PDUr	Mr(GFP_R1((FL2+1)MOD 2,CREF2))		ignore
		RELEASE_CALL(FL1,FL2: INTEGER)			
34		L1!PDUs	Ms(RL_S1(FL1,CREF,16))		(5)
35		L1!PDUs START TAC	Ms(RL_S1(FL2,CREF2,16))		(5)
36		L1?PDUr	Mr(RC_R1((FL1+1)MOD 2,CREF))		(6)
37		L1?PDUr CANCEL TAC	Mr(RC_R1((FL2+1)MOD 2,CREF2))	R	(6)
38		?TIMEOUT TAC		R	no response
39		L1?OTHERWISE		F	(4)
40		L1?PDUr	Mr(RC_R1((FL2+1)MOD 2,CREF2))		(6)

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Default Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
41		L1?PDUr CANCEL TAC	Mr(RC_R1((FL1+1)MOD 2,CREF))	R	(6)
42		?TIMEOUT TAC		R	no response
43		L1?OTHERWISE		F	(4)
44		?TIMEOUT TAC		R	no response
45		L1?OTHERWISE		F	(4)
Detailed Comments : (1) Subtree to release the call. (2) Subtree to filter the receipt of certain messages. (3) Return to the test body. (4) An invalid event occurred. (5) A valid RELEASE message with cause #16 is sent. (6) A RELEASE COMPLETE message is received from the IUT.					

Default Dynamic Behaviour					
Default Name : OtherwiseFail_2 Group : Objective : Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		L2?P_PDUr	TrI (P_ACM_R12 (CIC_VAL))		(1)
2		RETURN			
3		L2? P_PDUr	TrI(P_REL_R(CIC_VAL))		
4		L2! P_PDUs	TrR(P_RLC_S(CIC_VAL))	F	
5		L2? P_PDUr	TrI(P_RSC_R(CIC_VAL))	(F)	
6		L2! P_PDUs	TrR(P_RLC_S(CIC_VAL))		
7		L2! P_PDUs	TrR(P_RSC_S(CIC_VAL))		
8		+RLC_or_BLO			
9		L2? P_IAMr (CIC_VAL:=IAM_IND.isup_pdu.CICode. CIC)	IrI(P_IAM_R)	(F)	
10		L2! P_PDUs START TAC	TrR(P_REL_S (CIC_VAL))		
11		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R (CIC_VAL))	R	
12		?TIMEOUT TAC		(F)	
13		L2! P_PDUs	TrR(P_RSC_S(CIC_VAL))		
14		+RLC_or_BLO			
15		L2?OTHERWISE		(F)	
16		L2! P_PDUs	TrR(P_RSC_S (CIC_VAL))		
17		+RLC_or_BLO			
18		CPA2?CP_M	STOP_PTC		
19		L2! P_PDUs	TrR(P_RSC_S (CIC_VAL))		
20		+RLC_or_BLO			
21		RLC_or_BLO			
22		START TWAIT			
23		L2? P_PDUr CANCEL TWAIT	TrI(P_RLC_R(CIC_VAL))	R	(2)
24		?TIMEOUT TWAIT		F	
25		L2?OTHERWISE		F	
Detailed Comments : (1) ACM with CPS ind: "no indication", ISUP ind: "ISUP used all the way", ISDN access ind: "ISDN" . The message is filtered. (2) Timer TWAIT is used to prevent an infinite loop if the RLC is not received.					

Default Dynamic Behaviour					
Default Name : OtherwiseFail_2_TWO Group : Objective : Comments :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		L2?P_PDUr	TrI (P_ACM_R12 (CIC_VAL2))		(1)
2		RETURN			
3		L2?P_PDUr	TrI (P_ACM_R12 (CIC_VAL2))		(1)
4		RETURN			
5		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('C3'O)))		(3)
6		RETURN			
7		L2?P_PDUr	TrI(P_CPG_R_NOT (CIC_VAL2, P_GenNot_RS('C3'O)))		(3)
8		RETURN			
9		L2? P_PDUr	TrI(P_REL_R(CIC_VAL))		
10		L2! P_PDUs	TrR(P_RLC_S(CIC_VAL))	F	
11		L2? P_PDUr	TrI(P_RSC_R(CIC_VAL))	(F)	
12		L2! P_PDUs	TrR(P_RLC_S(CIC_VAL))		
13		L2! P_PDUs	TrR(P_RSC_S(CIC_VAL))		
14		L2! P_PDUs	TrR(P_RSC_S(CIC_VAL2))		
15		+RLC_or_BLO			
16		L2? P_PDUr	TrI(P_REL_R(CIC_VAL2))		
17		L2! P_PDUs	TrR(P_RLC_S(CIC_VAL2))	F	
18		L2? P_PDUr	TrI(P_RSC_R(CIC_VAL2))	(F)	
19		L2! P_PDUs	TrR(P_RLC_S(CIC_VAL2))		
20		L2! P_PDUs	TrR(P_RSC_S(CIC_VAL))		
21		L2! P_PDUs	TrR(P_RSC_S(CIC_VAL2))		
22		+RLC_or_BLO			
23		L2?OTHERWISE		(F)	
24		L2! P_PDUs	TrR(P_RSC_S (CIC_VAL))		
25		L2! P_PDUs	TrR(P_RSC_S (CIC_VAL2))		
26		+RLC_or_BLO			
27		CPA2?CP_M	STOP_PTC		
28		L2! P_PDUs	TrR(P_RSC_S (CIC_VAL))		
29		L2! P_PDUs	TrR(P_RSC_S (CIC_VAL2))		
30		+RLC_or_BLO			
31		RLC_or_BLO			
32		START TWAIT			(2)
33		L2? P_PDUr	TrI(P_RLC_R(CIC_VAL))		
34		L2? P_PDUr CANCEL TWAIT	TrI(P_RLC_R(CIC_VAL2))	R	
35		?TIMEOUT TWAIT		F	
36		L2?OTHERWISE		F	
37		L2? P_PDUr	TrI(P_RLC_R(CIC_VAL2))		
38		L2? P_PDUr CANCEL TWAIT	TrI(P_RLC_R(CIC_VAL))	R	
39		?TIMEOUT TWAIT		F	
40		L2?OTHERWISE		F	
41		?TIMEOUT TWAIT		F	
42		L2?OTHERWISE		F	
Detailed Comments : (1) ACM with CPS ind: "no indication", ISUP ind: "ISUP used all the way", ISDN access ind: "ISDN" . The message is filtered. (2) Timer TWAIT is used to prevent an infinite loop if the RLC is not received. (3) CPG indicating "conference disconnected" are filtered out.					