

# I

## Test Suite Overview

Test Suite Structure			
<b>Suite Name</b> : Interworking_ISDN_ISUP <b>Standards Ref</b> : EN 300 899-1 [ITU Q.699 modified] <b>PICS Ref</b> : <b>PIXIT Ref</b> : EN 300 899-4 Annex A <b>Test Method(s)</b> : Multi-party test method (EN 300 899-4, subclause 4) <b>Comments</b> : Revised version. 06/2001, isupp25.mp			
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ISUP_DSS1/REL_S/TC308060/			939
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ISUP_DSS1/REL_S/TC308080/			945
ISUP_DSS1/REL_S/TC308090/			950
ISUP_DSS1/REL_S/TC308100/			955
ISUP_DSS1/REL_S/TC308110/			958
ISUP_DSS1/REL_S/TC308130/			962
ISUP_DSS1/RSC_GRS_CGB/			965
ISUP_DSS1/RSC_GRS_CGB/RSC/			965
ISUP_DSS1/RSC_GRS_CGB/GRS/			970
ISUP_DSS1/RSC_GRS_CGB/CGB/			975
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<b>Detailed Comments :</b>			

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DSS1_ISUP/IAM/TC101005/	TC101005_15	BC_1920KB_UDITA		385
DSS1_ISUP/IAM/TC101005/	TC101005_16	BC_6x64KB_UDITA		386
DSS1_ISUP/IAM/TC101005/	TC101005_17	BC_24x64KB_UDITA		386
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DSS1_ISUP/ACM/TC103021/	TC103021_06	BC_3_1KHZ_UDITA_FBK		459
DSS1_ISUP/ACM/TC103022/	TC103022_01	BC_SPEECH_UDITA_FBK		460
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DSS1_ISUP/ACM/TC103022/	TC103022_03	BC_3_1KHZ_UDITA_FBK		462
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DSS1_ISUP/ACM/TC103022/	TC103022_05	BC_SPEECH_UDITA_FBK		464
DSS1_ISUP/ACM/TC103022/	TC103022_06	BC_3_1KHZ_UDITA_FBK		465
DSS1_ISUP/ACM/	TC103023	P_FBK		466
DSS1_ISUP/ACM/	TC103024	P_FBK		467
DSS1_ISUP/ACM/	TC103025	P_FBK		468
DSS1_ISUP/ACM/	TC103026	P_FBK		469
DSS1_ISUP/ACM/	TC103028			470
DSS1_ISUP/ACM/	TC103030			471
DSS1_ISUP/ACM/	TC103032			472
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DSS1_ISUP/CPG/TC104008/	TC104008_03			486
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DSS1_ISUP/CPG/TC104011/	TC104011_04			498
DSS1_ISUP/CPG/TC104012/	TC104012_01			499
DSS1_ISUP/CPG/TC104012/	TC104012_02			500
DSS1_ISUP/CPG/TC104012/	TC104012_03			501
DSS1_ISUP/CPG/TC104012/	TC104012_04			502
DSS1_ISUP/CPG/TC104013/	TC104013_01	BC_SPEECH_UDITA_FBK		503
DSS1_ISUP/CPG/TC104013/	TC104013_02	BC_3_1KHZ_UDITA_FBK		504
DSS1_ISUP/CPG/TC104013/	TC104013_03	BC_3_1KHZ_UDITA_FBK		505
DSS1_ISUP/CPG/TC104013/	TC104013_04	BC_SPEECH_UDITA_FBK		506
DSS1_ISUP/CPG/TC104013/	TC104013_05	BC_SPEECH_UDITA_FBK		507
DSS1_ISUP/CPG/TC104013/	TC104013_06	BC_3_1KHZ_UDITA_FBK		508
DSS1_ISUP/CPG/TC104014/	TC104014_01	BC_SPEECH_UDITA_FBK		509
DSS1_ISUP/CPG/TC104014/	TC104014_02	BC_3_1KHZ_UDITA_FBK		510
DSS1_ISUP/CPG/TC104014/	TC104014_03	BC_3_1KHZ_UDITA_FBK		511
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DSS1_ISUP/CPG/TC104014/	TC104014_05	BC_SPEECH_UDITA_FBK		513
DSS1_ISUP/CPG/TC104014/	TC104014_06	BC_3_1KHZ_UDITA_FBK		514

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DSS1_ISUP/CPG/TC104015/	TC104015_02	BC_3_1KHZ_UDITA_FBK		516
DSS1_ISUP/CPG/TC104015/	TC104015_03	BC_3_1KHZ_UDITA_FBK		517
DSS1_ISUP/CPG/TC104015/	TC104015_04	BC_SPEECH_UDITA_FBK		518
DSS1_ISUP/CPG/TC104015/	TC104015_05	BC_SPEECH_UDITA_FBK		519
DSS1_ISUP/CPG/TC104015/	TC104015_06	BC_3_1KHZ_UDITA_FBK		520
DSS1_ISUP/CPG/	TC104016	P_FBK		521
DSS1_ISUP/CPG/	TC104017	P_FBK		522
DSS1_ISUP/CPG/	TC104018	P_FBK		523
DSS1_ISUP/CPG/	TC104022			524
DSS1_ISUP/CPG/	TC104023			525
DSS1_ISUP/CPG/	TC104025			526
DSS1_ISUP/CPG/	TC104026			527
DSS1_ISUP/CPG/TC104027/	TC104027_01			528
DSS1_ISUP/CPG/TC104027/	TC104027_02			529
DSS1_ISUP/ANM/	TC105001			530
DSS1_ISUP/ANM/	TC105002			531
DSS1_ISUP/ANM/	TC105003			532
DSS1_ISUP/ANM/	TC105004			533
DSS1_ISUP/ANM/TC105005/	TC105005_01			534
DSS1_ISUP/ANM/TC105005/	TC105005_02			535
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ISUP_DSS1/ANM/	TC305005			821
ISUP_DSS1/ANM/	TC305006			822
ISUP_DSS1/ANM/	TC305007	P_FBK		823
ISUP_DSS1/ANM/	TC305008	P_FBK		824
ISUP_DSS1/ANM/	TC305009	S_T_FBK		825
ISUP_DSS1/ANM/	TC305010	S_T_FBK		826
ISUP_DSS1/ANM/TC305011/	TC305011_01	BC_SPEECH_UDITA_FBK		827
ISUP_DSS1/ANM/TC305011/	TC305011_02	BC_3_1KHZ_UDITA_FBK		828
ISUP_DSS1/ANM/TC305012/	TC305012_01	BC_SPEECH_UDITA_FBK		829
ISUP_DSS1/ANM/TC305012/	TC305012_02	BC_3_1KHZ_UDITA_FBK		830
ISUP_DSS1/ANM/	TC305013	P_FBK		831
ISUP_DSS1/ANM/	TC305014	P_FBK		832
ISUP_DSS1/ANM/TC305015/	TC305015_01	BC_SPEECH_UDITA_FBK		833
ISUP_DSS1/ANM/TC305015/	TC305015_02	BC_3_1KHZ_UDITA_FBK		834
ISUP_DSS1/ANM/TC305016/	TC305016_01	BC_3_1KHZ_UDITA_FBK		835
ISUP_DSS1/ANM/TC305016/	TC305016_02	BC_3_1KHZ_UDITA_FBK		836
ISUP_DSS1/ANM/	TC305017	TREFPT_FBK		837
ISUP_DSS1/ANM/	TC305018	TREFPT_FBK		838
ISUP_DSS1/ANM/	TC305019	TREFPT_FBK		839
ISUP_DSS1/ANM/	TC305020	TREFPT_FBK		840
ISUP_DSS1/ANM/TC305021/	TC305021_01	BC_SPEECH_UDITA_FBK_T		841
ISUP_DSS1/ANM/TC305021/	TC305021_02	BC_3_1KHZ_UDITA_FBK_T		842
ISUP_DSS1/ANM/TC305022/	TC305022_01	BC_SPEECH_UDITA_FBK_T		843

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ISUP_DSS1/ANM/	TC305024	ENBL_AUTO_ACM		846
ISUP_DSS1/ANM/	TC305025	ENBL_AUTO_ACM		847
ISUP_DSS1/ANM/	TC305026	ENBL_AUTO_ACM		848
ISUP_DSS1/ANM/	TC305027	S_T_ENBL_FBK_AUT_ACM		849
ISUP_DSS1/ANM/TC305028/	TC305028_01	BC_SPEECH_UDITA_FBK_ENBLOC		850
ISUP_DSS1/ANM/TC305028/	TC305028_02	BC_3_1KHZ_UDITA_FBK_ENBLOC		851
ISUP_DSS1/ANM/	TC305029	ENBL_AUTO_ACM		852
ISUP_DSS1/ANM/TC305030/	TC305030_01	BC_SPEECH_UDITA_FBK_ENBLOC		853
ISUP_DSS1/ANM/TC305030/	TC305030_02	BC_3_1KHZ_UDITA_FBK_ENBLOC		854
ISUP_DSS1/ANM/	TC305031	T_ENBL_FBK_AUT_ACM		855
ISUP_DSS1/ANM/	TC305032	T_ENBL_FBK_AUT_ACM		856
ISUP_DSS1/ANM/TC305033/	TC305033_01	BC_SPEECH_UDITA_FBK_ENBLOC_T		857
ISUP_DSS1/ANM/TC305033/	TC305033_02	BC_3_1KHZ_UDITA_FBK_ENBLOC_T		858
ISUP_DSS1/CON/	TC306001	OVERLAP		859
ISUP_DSS1/CON/	TC306002	ENBLOC		860
ISUP_DSS1/CON/	TC306003			861
ISUP_DSS1/CON/	TC306004	OVERLAP		862
ISUP_DSS1/CON/	TC306005	ENBLOC		863
ISUP_DSS1/CON/	TC306006			864
ISUP_DSS1/CON/	TC306007	OVERLAP		865
ISUP_DSS1/CON/	TC306008	ENBLOC		866
ISUP_DSS1/CON/	TC306009			867
ISUP_DSS1/CON/	TC306010	P_OVERLAP_FBK		868
ISUP_DSS1/CON/	TC306011	ENBLOC_FBK		869
ISUP_DSS1/CON/	TC306012	ENBLOC_FBK		870
ISUP_DSS1/CON/	TC306013	S_T_OVERLAP_FBK		871
ISUP_DSS1/CON/	TC306014	S_T_ENBLOC_FBK		872
ISUP_DSS1/CON/	TC306015	S_T_FBK		873
ISUP_DSS1/CON/TC306016/	TC306016_01	BC_SPEECH_UDITA_FBK_ENBLOC		874
ISUP_DSS1/CON/TC306016/	TC306016_02	BC_3_1KHZ_UDITA_FBK_ENBLOC		875
ISUP_DSS1/CON/TC306017/	TC306017_01	BC_SPEECH_UDITA_FBK_ENBLOC		876
ISUP_DSS1/CON/TC306017/	TC306017_02	BC_3_1KHZ_UDITA_FBK_ENBLOC		877
ISUP_DSS1/CON/TC306018/	TC306018_01	BC_SPEECH_UDITA_FBK		878
ISUP_DSS1/CON/TC306018/	TC306018_02	BC_3_1KHZ_UDITA_FBK		879
ISUP_DSS1/CON/	TC306019	OVERLAP_FBK		880
ISUP_DSS1/CON/	TC306020	P_FBK		881
ISUP_DSS1/CON/	TC306021	ENBLOC_FBK		882
ISUP_DSS1/CON/TC306022/	TC306022_01	BC_SPEECH_UDITA_FBK_OVERL		883
ISUP_DSS1/CON/TC306022/	TC306022_02	BC_3_1KHZ_UDITA_FBK_OVERL		884
ISUP_DSS1/CON/TC306023/	TC306023_01	BC_SPEECH_UDITA_FBK_ENBLOC		885
ISUP_DSS1/CON/TC306023/	TC306023_02	BC_3_1KHZ_UDITA_FBK_ENBLOC		886
ISUP_DSS1/CON/TC306024/	TC306024_01	BC_SPEECH_UDITA_FBK		887

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ISUP_DSS1/CON/	TC306026	T_OVERLAP_FBK		890
ISUP_DSS1/CON/	TC306027	TREFPT_FBK		891
ISUP_DSS1/CON/	TC306028	T_OVERLAP_FBK		892
ISUP_DSS1/CON/	TC306029	T_ENBLOC_FBK		893
ISUP_DSS1/CON/	TC306030	TREFPT_FBK		894
ISUP_DSS1/CON/TC306031/	TC306031_01	BC_SPEECH_UDITA_FBK_OVERL_T		895
ISUP_DSS1/CON/TC306031/	TC306031_02	BC_3_1KHZ_UDITA_FBK_OVERL_T		896
ISUP_DSS1/CON/TC306032/	TC306032_01	BC_SPEECH_UDITA_FBK_ENBLOC		897
ISUP_DSS1/CON/TC306032/	TC306032_02	BC_3_1KHZ_UDITA_FBK_ENBLOC_T		898
ISUP_DSS1/CON/TC306033/	TC306033_01	BC_SPEECH_UDITA_FBK_T		899
ISUP_DSS1/CON/TC306033/	TC306033_02	BC_3_1KHZ_UDITA_FBK_T		900
ISUP_DSS1/REL_R/T_Reference_Point/	TC307101	TREFPT		901
ISUP_DSS1/REL_R/T_Reference_Point/	TC307102	T_OVERLAP		902
ISUP_DSS1/REL_R/T_Reference_Point/	TC307103	T_OVERLAP		903
ISUP_DSS1/REL_R/T_Reference_Point/	TC307104	TREFPT		904
ISUP_DSS1/REL_R/T_Reference_Point/	TC307105	TREFPT		905
ISUP_DSS1/REL_R/T_Reference_Point/	TC307106	T_OVERLAP		906
ISUP_DSS1/REL_R/T_Reference_Point/	TC307107	TREFPT		907
ISUP_DSS1/REL_R/T_Reference_Point/	TC307108	TREFPT		908
ISUP_DSS1/REL_R/T_Reference_Point/	TC307109	TREFPT		910
ISUP_DSS1/REL_R/T_Reference_Point/	TC307110	T_OR_ST_REFPT		912
ISUP_DSS1/REL_R/T_Reference_Point/	TC307111	T_OR_ST_REFPT		913
ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/	TC307202	S_T_OVERLAP		914
ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/	TC307203	S_T_OVERLAP		915
ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/	TC307204	S_T_REFPT		916
ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/	TC307205	S_T_REFPT		917
ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/	TC307206	S_T_OVERLAP		918
ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/	TC307207	S_T_REFPT		919
ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/	TC307208	S_T_REFPT		920
ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/	TC307209	S_T_REFPT		922
ISUP_DSS1/REL_R/ACM_AUTO/	TC307301	S_T_ENBL_AUT_ACM		923

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ISUP_DSS1/REL_S/TC30 8010/	TC308011			924
ISUP_DSS1/REL_S/TC30 8010/	TC308012			925
ISUP_DSS1/REL_S/TC30 8010/	TC308013			926
ISUP_DSS1/REL_S/TC30 8020/	TC308021	OVERLAP		927
ISUP_DSS1/REL_S/TC30 8020/	TC308022	OVERLAP		928
ISUP_DSS1/REL_S/TC30 8020/	TC308023	OVERLAP		929
ISUP_DSS1/REL_S/TC30 8030/	TC308031	OVERLAP		930
ISUP_DSS1/REL_S/TC30 8030/	TC308032	OVERLAP		931
ISUP_DSS1/REL_S/TC30 8030/	TC308033	OVERLAP		932
ISUP_DSS1/REL_S/TC30 8040/	TC308041			933
ISUP_DSS1/REL_S/TC30 8040/	TC308042			934
ISUP_DSS1/REL_S/TC30 8040/	TC308043			935
ISUP_DSS1/REL_S/TC30 8050/	TC308051			936
ISUP_DSS1/REL_S/TC30 8050/	TC308052			937
ISUP_DSS1/REL_S/TC30 8050/	TC308053			938
ISUP_DSS1/REL_S/TC30 8060/	TC308061	OVERLAP		939
ISUP_DSS1/REL_S/TC30 8060/	TC308062	OVERLAP		940
ISUP_DSS1/REL_S/TC30 8060/	TC308063	OVERLAP		941
ISUP_DSS1/REL_S/TC30 8070/	TC308071			942
ISUP_DSS1/REL_S/TC30 8070/	TC308072			943
ISUP_DSS1/REL_S/TC30 8070/	TC308073			944
ISUP_DSS1/REL_S/TC30 8080/	TC308081			945
ISUP_DSS1/REL_S/TC30 8080/	TC308082			946
ISUP_DSS1/REL_S/TC30 8080/	TC308083			948
ISUP_DSS1/REL_S/TC30 8090/	TC308091			950
ISUP_DSS1/REL_S/TC30 8090/	TC308092			951
ISUP_DSS1/REL_S/TC30 8090/	TC308093			953
ISUP_DSS1/REL_S/TC30 8100/	TC308101			955
ISUP_DSS1/REL_S/TC30 8100/	TC308102			956
ISUP_DSS1/REL_S/TC30 8100/	TC308103			957
ISUP_DSS1/REL_S/TC30 8110/	TC308111			958
ISUP_DSS1/REL_S/TC30 8110/	TC308112			959
ISUP_DSS1/REL_S/TC30 8110/	TC308113			960
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ISUP_DSS1/REL_S/TC308130/	TC308131	T_ENBL_AUTO_ACM		962
ISUP_DSS1/REL_S/TC308130/	TC308132	T_ENBL_AUTO_ACM		963
ISUP_DSS1/REL_S/TC308130/	TC308133	T_ENBL_AUTO_ACM		964
ISUP_DSS1/RSC_GRS_CG B/RSC/	TC309001			965
ISUP_DSS1/RSC_GRS_CG B/RSC/	TC309002			966
ISUP_DSS1/RSC_GRS_CG B/RSC/	TC309003			967
ISUP_DSS1/RSC_GRS_CG B/RSC/	TC309004			968
ISUP_DSS1/RSC_GRS_CG B/RSC/	TC309005			969
ISUP_DSS1/RSC_GRS_CG B/GRS/	TC309006			970
ISUP_DSS1/RSC_GRS_CG B/GRS/	TC309007			971
ISUP_DSS1/RSC_GRS_CG B/GRS/	TC309008			972
ISUP_DSS1/RSC_GRS_CG B/GRS/	TC309009			973
ISUP_DSS1/RSC_GRS_CG B/GRS/	TC309010			974
ISUP_DSS1/RSC_GRS_CG B/CGB/	TC309011			975
ISUP_DSS1/RSC_GRS_CG B/CGB/	TC309012			976
ISUP_DSS1/RSC_GRS_CG B/CGB/	TC309013			977
ISUP_DSS1/RSC_GRS_CG B/CGB/	TC309014			978
ISUP_DSS1/RSC_GRS_CG B/CGB/	TC309015			979
ISUP_DSS1/REL_BE/	TC312001	PT_PT		980
ISUP_DSS1/REL_BE/	TC312002	MPT		981
ISUP_DSS1/REL_BE/	TC312003	PT_PT		982
ISUP_DSS1/REL_BE/	TC312004	MPT		984
ISUP_DSS1/REL_BE/	TC312005	PT_PT		986
ISUP_DSS1/REL_BE/	TC312006	MPT		988
ISUP_DSS1/RLC/T_Reference_Point/	TC313101	TREFPT		990
ISUP_DSS1/RLC/T_Reference_Point/	TC313102	T_OVERLAP		991
ISUP_DSS1/RLC/T_Reference_Point/	TC313103	T_OVERLAP		992
ISUP_DSS1/RLC/T_Reference_Point/	TC313104	TREFPT		993
ISUP_DSS1/RLC/T_Reference_Point/	TC313105	TREFPT		994
ISUP_DSS1/RLC/T_Reference_Point/	TC313106	T_OVERLAP		995
ISUP_DSS1/RLC/T_Reference_Point/	TC313107	TREFPT		996
ISUP_DSS1/RLC/T_Reference_Point/	TC313108	TREFPT		997
ISUP_DSS1/RLC/T_Reference_Point/	TC313109	TREFPT		999
ISUP_DSS1/RLC/T_Reference_Point/	TC313110			1001
ISUP_DSS1/RLC/T_Reference_Point/	TC313111			1002
ISUP_DSS1/RLC/T_Reference_Point/	TC313112	T_ENBL_AUT_ACM		1003

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ISUP_DSS1/RLC/Coincident_ST_Reference_Point/	TC313201	S_T_REFPT		1004
ISUP_DSS1/RLC/Coincident_ST_Reference_Point/	TC313202	S_T_OVERLAP		1005
ISUP_DSS1/RLC/Coincident_ST_Reference_Point/	TC313203	S_T_OVERLAP		1006
ISUP_DSS1/RLC/Coincident_ST_Reference_Point/	TC313204	S_T_REFPT		1007
ISUP_DSS1/RLC/Coincident_ST_Reference_Point/	TC313205	S_T_REFPT		1008
ISUP_DSS1/RLC/Coincident_ST_Reference_Point/	TC313206	S_T_OVERLAP		1009
ISUP_DSS1/RLC/Coincident_ST_Reference_Point/	TC313207	S_T_REFPT		1010
ISUP_DSS1/RLC/Coincident_ST_Reference_Point/	TC313208	S_T_REFPT		1011
ISUP_DSS1/RLC/Coincident_ST_Reference_Point/	TC313209	S_T_REFPT		1013
<b>Detailed Comments :</b>				

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ISDN_Step/	PR_N02_1		1016
ISDN_Step/	PR_N02_1_1		1017
ISDN_Step/	PR_N02_1_2		1017
ISDN_Step/	PR_N03_1		1018
ISDN_Step/	PR_N03_1_1		1018
ISDN_Step/	PR_N03_1_2		1018
ISDN_Step/	PR_N04_1		1019
ISDN_Step/	PR_N04_1_1		1019
ISDN_Step/	PR_N04_1_2		1020
ISDN_Step/	PR_N04_1_3		1020
ISDN_Step/	PR_N06_1		1021
ISDN_Step/	PR_N06_1_ACM_AUTO		1021
ISDN_Step/	PR_N07_1		1021
ISDN_Step/	PR_N07_1_1		1022
ISDN_Step/	PR_N09_1_ACM		1022
ISDN_Step/	PR_N09_1_1_ACM		1023
ISDN_Step/	PR_N09_1_NO_ACM		1023
ISDN_Step/	PR_N10_1		1024
ISDN_Step/	PR_N10_1_1		1024
ISDN_Step/	PR_N25_1		1024
ISDN_Step/	PR_BC_FALLBACK		1025
ISDN_Step/	PR_BC_FALLBACK_3		1025
ISDN_Step/	PO_RR_1		1026
ISDN_Step/	PO_SR_1		1026
ISDN_Step/	PTC1_SYNC_0		1026
ISDN_Step/	PTC1_SYNC_1		1027
ISDN_Step/	ENC_BC		1028
ISDN_Step/	ENC_BC1		1029
ISDN_Step/	ENC_HLC		1030
ISDN_Step/	SETUP_R		1031
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ISUP_Step/	PR_N03_2		1032
ISUP_Step/	PR_N03_2_1		1032
ISUP_Step/	PR_N04_2		1032
ISUP_Step/	PR_N04_2_1		1033
ISUP_Step/	PR_N06_2		1033
ISUP_Step/	PR_N06_2_1		1033
ISUP_Step/	PR_N06_2_2		1034
ISUP_Step/	PR_N06_2_3		1034
ISUP_Step/	PR_N07_2		1034
ISUP_Step/	PR_N07_2_1		1035
ISUP_Step/	PR_N07_2_2		1035
ISUP_Step/	PR_N07_2_4		1035
ISUP_Step/	PR_N09_2_ACM		1036
ISUP_Step/	PR_N09_2_1_ACM		1036
ISUP_Step/	PR_N09_2_2_ACM		1037
ISUP_Step/	PR_N09_2_4_ACM		1037
ISUP_Step/	PR_N09_2_NO_ACM		1038
ISUP_Step/	PR_N09_2_1_NO_ACM		1038
ISUP_Step/	PR_N09_2_2_NO_ACM		1038
ISUP_Step/	PR_N10_2		1039
ISUP_Step/	PR_N10_2_1		1039
ISUP_Step/	PR_N25_2		1039
ISUP_Step/	PR_N25_2_1		1040
ISUP_Step/	PR_N25_2_2		1040
ISUP_Step/	PR_N25_2_3		1040

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ISUP_Step/	PO_SR_2		1041
ISUP_Step/	PO_RR_2		1041
ISUP_Step/	PTC2_SYNC		1041
ISUP_Step/	PR_N06_2_ACM_AUTO		1042
ISUP_Step/	PR_N06_2_ACM_AUTO_1		1042
ISUP_Step/	PR_N06_2_ACM_AUTO_2		1043
MTC_Step/	PR_N00_MTC		1043
MTC_Step/	PR_N02_MTC		1043
MTC_Step/	PR_N03_MTC		1044
MTC_Step/	PR_N04_MTC		1044
MTC_Step/	PR_N06_MTC		1044
MTC_Step/	PR_N07_MTC		1044
MTC_Step/	PR_N09_MTC		1045
MTC_Step/	PR_N10_MTC		1045
MTC_Step/	PR_N10_1_MTC		1045
MTC_Step/	PR_N25_MTC		1045
MTC_Step/	MTC_SYNC		1046
MTC_Step/	PR_N06_MTC_ACM_AUTO		1046
PTC_Step/	PTC_Ready		1047
<b>Detailed Comments :</b>			

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	OtherwiseFail		1048
	OtherwiseFail_1		1049
	OtherwiseFail_2		1050
<b>Detailed Comments :</b>			



## **II**

### **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
<b>Detailed Comments :</b>			

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

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

Structured Type Definition			
<b>Type Name</b> : access_transport1 <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : access_transport2 <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : access_transport3 <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : access_transport4			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : access_transport5			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : access_transport6 <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : access_transport7 <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : access_transport8			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : access_transport9			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : access_transport10 <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : access_transport11 <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			



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

Structured Type Definition			
<b>Type Name</b> : backward_call_indicators			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.5 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	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
EEInFI	BITSTRING[1]		End-to-end information indicator
IWI	BITSTRING[1]		Interworking indicator
<b>Detailed Comments</b> : 1. Only needed if the parameter is in the optional part of a message. @ only for national use			

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

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

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

Structured Type Definition			
<b>Type Name</b> : called_party_number_R			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : called_party_number_S			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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
<b>Detailed Comments</b> :			

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

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

Structured Type Definition			
<b>Type Name</b> : cause_indicators <b>Encoding Variation</b> : <b>Comments</b> : 3.12 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	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		Diagnostic(s) 2.
<b>Detailed Comments</b> : 1. Only if the parameter is in the optional part of a message. 2. If there is more than one Diagnostic all of them are in this single OCTETSTRING.			

Structured Type Definition			
<b>Type Name</b> : ccnr_possible_indicator <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : ccss_call_indicator <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

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

Structured Type Definition			
<b>Type Name</b> : circ_gp_supervision_msg_type_ind			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.13 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
spare	BITSTRING[6]		
TypeI	BITSTRING[2]		Type indicator
<b>Detailed Comments</b> :			

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

Structured Type Definition			
<b>Type Name</b> : connected_number <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

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

Structured Type Definition			
<b>Type Name</b> : echo_control_information <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

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

Structured Type Definition			
<b>Type Name</b> : forward_call_indicators			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.23 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
IPI	BITSTRING[2]		ISDN User Part preference indicator
ISUPI	BITSTRING[1]		ISDN User Part indicator
EEInFI	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
<b>Detailed Comments</b> : @ For national use only			

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

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

Structured Type Definition			
<b>Type Name</b> : generic_number			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.26 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	BITSTRING[8]		
length	OCTETSTRING[1]		
GenNb_contents	OCTETSTRING		1.
<b>Detailed Comments</b> : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

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



Structured Type Definition			
<b>Type Name</b> : location_number <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

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

Structured Type Definition			
<b>Type Name</b> : nature_of_connection_indicators <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

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

Structured Type Definition			
<b>Type Name</b> : optional_backward_call_indicators			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : optional_forward_call_indicators			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.38 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	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
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : original_called_number			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.39 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	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]		
<b>Detailed Comments</b> :			

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

Structured Type Definition			
<b>Type Name</b> : parameter_compatibility_information <b>Encoding Variation</b> : <b>Comments</b> : 3.41 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	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
<b>Detailed Comments</b> :			

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

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

Structured Type Definition			
<b>Type Name</b> : range_and_status			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.43 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
length	OCTETSTRING[1]		
Range	OCTETSTRING[1]		Range
Status	OCTETSTRING[1..32]		Status
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : redirecting_number			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.44 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	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]		
<b>Detailed Comments</b> : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : redirection_information <b>Encoding Variation</b> : <b>Comments</b> : 3.45 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	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]		
RnCnt	BITSTRING[3]		Redirection counter
<b>Detailed Comments</b> : 1. The contents of this parameter are not subdivided because it is not used for basic call.			

Structured Type Definition			
<b>Type Name</b> : redirection_number <b>Encoding Variation</b> : <b>Comments</b> : 3.46 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	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]		
<b>Detailed Comments</b> :			

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

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

Structured Type Definition			
<b>Type Name</b> : routing_label			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
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
<b>Detailed Comments</b> :			

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

Structured Type Definition			
<b>Type Name</b> : service_information_octet			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
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
<b>Detailed Comments</b> :			

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

Structured Type Definition			
<b>Type Name</b> : subsequent_number_R			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.51 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
length	OCTETSTRING[1]		
OdEvI	BITSTRING[1]		Odd/even inicator
spare	BITSTRING[7]		
AdSg	AdSg_type		Address signal
ST	ST_type		End of pulsing
Filler	HEXSTRING[0..1]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : subsequent_number_S			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.51 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
length	OCTETSTRING[1]		
value	OCTETSTRING		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : suspend_resume_indicators			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.52 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
spare	BITSTRING[7]		
SusRes_field	BITSTRING[1]		Suspend/resume indicator
<b>Detailed Comments</b> :			



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

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

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

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

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

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

Structured Type Definition			
<b>Type Name</b> : user_to_user_indicators			
<b>Encoding Variation</b> :			
<b>Comments</b> : 3.60 / Q.763			
Element Name	Type Definition	Field Encoding	Comments
parameter_type	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]		
<b>Detailed Comments</b> :			

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

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

Structured Type Definition			
<b>Type Name</b> : BCAP (Bearer capability)			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : CAU (Cause)			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : CDPN (Called party number) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : CDPS (Called party subaddress) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : CGPN (Calling party number) <b>Encoding Variation</b> : <b>Comments</b> : 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_v (Value)	OCTETSTRING		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : CGPS (Calling party subaddress) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : CHI (Channel identification) <b>Encoding Variation</b> : <b>Comments</b> : Information Element CHannel Identification ETS 300 403-1 subclause 4.5.13			
Element Name	Type Definition	Field Encoding	Comments
chi_i (Identifier)	CHI_I		
chi_l (Length)	BITSTRING[8]		
chi_e3_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)
<b>Detailed Comments</b> : (1) The octets 4 and 5 are only used in primary rate access configurations.			

Structured Type Definition			
<b>Type Name</b> : CHI_RS (Channel identification) <b>Encoding Variation</b> : <b>Comments</b> : 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)
<b>Detailed Comments</b> : (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			
<b>Type Name</b> : CODN (Connected number) <b>Encoding Variation</b> : <b>Comments</b> : 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_ton (Type of number)	BITSTRING[4]		
codn_e3_npi (Numbering plan identifier)	BITSTRING[4]		
codn_e3_pi (Presentation indicator)	BITSTRING[3]		
codn_e3_si (Screening indicator)	BITSTRING[5]		
codn_e4_nd (Number digits)	OCTETSTRING[0..20]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : CODS (Connected subaddress) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : CR (Call reference) <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : DATI (Date/time) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : DSP (Display) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : EFAC (Extended facility) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : FAC (Facility) <b>Encoding Variation</b> : <b>Comments</b> : 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)	OCTETSTRING[0..251]		
<b>Detailed Comments</b> :			



Structured Type Definition			
<b>Type Name</b> : HLC (High layer compatibility) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : HLC1 (High layer compatibility) <b>Encoding Variation</b> : <b>Comments</b> : Info Element High Layer Compatibility ETS 300 403-1 subclause 4.5.17			
Element Name	Type Definition	Field Encoding	Comments
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
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : KPF (Keypad facility) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : LLC (Low layer compatibility) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : NOID (Notification indicator) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : NSF (Network-specific facilities) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : PI (Progress indicator) <b>Encoding Variation</b> : <b>Comments</b> : 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 (i.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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : RI (Restart indicator) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : RNGN (Redirecting number) <b>Encoding Variation</b> : <b>Comments</b> : Info Element Redirecting Number ETS 300 207 subclause 7.2.2			
Element Name	Type Definition	Field Encoding	Comments
rngn_i (Identifier)	RNGN_I		
rngn_l (Length)	OCTETSTRING[1]		
rngn_e3_ton (Type of number)	BITSTRING[4]		
rngn_e3_npi (Numbering plan identifier)	BITSTRING[4]		
rngn_e4_pi (Presentation indicator)	BITSTRING[3]		
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]		
<b>Detailed Comments</b> :			

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

Structured Type Definition			
<b>Type Name</b> : TNS <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : UUI (User-user) <b>Encoding Variation</b> : <b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Structured Type Definition			
<b>Type Name</b> : CST (Call state)			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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]		
<b>Detailed Comments</b> :			

Test Suite Operation Definition	
<b>Operation Name</b>	: ASSIGN_CHI(basic, primary: CHI; basic_flag: BOOLEAN)
<b>Result Type</b>	: CHI
<b>Comments</b>	: 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	
<b>Detailed Comments</b> :	

Test Suite Operation Definition	
<b>Operation Name</b>	: ASSIGN_CHI_RS(basic, primary : CHI_RS; basic_flag : BOOLEAN)
<b>Result Type</b>	: CHI_RS
<b>Comments</b>	: 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	
<b>Detailed Comments</b> :	

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

Test Suite Operation Definition	
<b>Operation Name</b>	: OCTET_TO_INT(param:OCTETSTRING)
<b>Result Type</b>	: INTEGER
<b>Comments</b>	:
Description	
Convert an OCTETSTRING into an INTEGER	
<b>Detailed Comments</b> :	

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

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

Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
PXP_AUTO_ACM	BOOLEAN	PIXIT	True if the SUT support the ISUP automatic ACM
PCP_ENBLOC	BOOLEAN	PICS, Table A.3/1	True if the SUT use the en bloc operation in the forward address signalling (sending)
PCP_OVERLAP	BOOLEAN	PICS, Table A.3/2	TRUE if the SUT use the overlap operation in the forward address signalling (sending)
PCP_SPFBACK	BOOLEAN	PICS, Table A.13/10	TRUE if the SUT supports signalling procedures for connection type allowing fallback.
PCP_ST	BOOLEAN	PICS, Table A.4/1	TRUE if the SUT supports the ISUP sending end-of-pulsing (ST)
PCP_SPEECH	BOOLEAN	PICS, Table A.2/1	TRUE if the SUT supports the ISUP connection type speech .
PCP_3_1KHZ	BOOLEAN	PICS, Table A.2/2	TRUE if the SUT supports the ISUP connection type 3.1 kHz audio.
PCP_64KB	BOOLEAN	PICS, Table A.2/3	TRUE if the SUT supports the ISUP connection type 64 kbit/s unrestricted.
PCP_2x64KB	BOOLEAN	PICS, Table A.2/6	TRUE if the SUT supports the ISUP connection type 2x64 kbit/s.
PCP_384KB	BOOLEAN	PICS, Table A.2/7	TRUE if the SUT supports the ISUP connection type 384 kbit/s.
PCP_1536KB	BOOLEAN	PICS, Table A.2/8	TRUE if the SUT supports the ISUP connection type 1536 kbit/s.
PCP_1920KB	BOOLEAN	PICS, Table A.2/9	TRUE if the SUT supports the ISUP connection type 1920 kbit/s.
PC_BASIC	BOOLEAN	PICS	TRUE -> basic access FALSE -> primary rate access
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/R7.2	TRUE if the SUT supports the ISDN Point to Multipoint configuration.
PC_ENBLOC	BOOLEAN	PICS, Table A.62/MCn 2.1	TRUE if the SUT supports the ISDN connection type called party addressing information send only in the SETUP message
PC_OVERLAP	BOOLEAN	PICS, Table A.62/MCn 2.2	TRUE if the SUT supports the ISDN connection type called party addressing information split accross, and send in, SETUP and INFORMATION message
PC_SPEECH	BOOLEAN	PICS, Table A.111/ISn1.2.1	TRUE if the SUT supports the ISDN connection type speech.
PC_3_1KHZ	BOOLEAN	PICS, Table A.111/ISn1.2.4	TRUE if the SUT supports the ISDN connection type 3.1 kHz audio.
PC_UDI	BOOLEAN	PICS, Table A.111/ISn1.2.2	TRUE if the SUT supports the ISDN information transfer capability Unrestricted Digital Information
PC_UDITA	BOOLEAN	PICS, Table A.111/ISn1.2.2	TRUE if the SUT supports the ISDN information transfer capability Unrestricted Digital Information with tones/announcement
PC_64KB	BOOLEAN	PICS, Table A.111/ISn1.4.1	TRUE if the SUT supports the ISDN transfer rate 64kbits/s.
PC_2x64KB	BOOLEAN	PICS, Table A.111/ISn1.4.2	TRUE if the SUT supports the ISDN transfer rate 2x64kbits/s.
PC_384KB	BOOLEAN	PICS, Table A.111/ISn1.4.3	TRUE if the SUT supports the ISDN transfer rate 384kbits/s.
PC_1536KB	BOOLEAN	PICS, Table A.111/ISn1.4.4	TRUE if the SUT supports the ISDN transfer rate 1536kbits/s.
PC_1920KB	BOOLEAN	PICS, Table A.111/ISn1.4.5	TRUE if the SUT supports the ISDN transfer rate 1920kbits/s.
PC_MULT	BOOLEAN	PICS, Table A.111/ISn1.4.6	TRUE if the SUT supports the ISDN Multirate.

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
PC_RATE_MULT_6	BOOLEAN	PICS, Table A.111/ISn1.9	TRUE if the SUT supports Rate multiplier=6.
PC_RATE_MULT_24	BOOLEAN	PICS, Table A.111/ISn1.9	TRUE if the SUT supports Rate multiplier=24.
PC_RATE_MULT_30	BOOLEAN	PICS, Table A.111/ISn1.9	TRUE if the SUT supports Rate multiplier=30.
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_ADG_OVERL2	HEXSTRING	PIXIT	Address Signal of the Subsequent Number including in the SAM and containing the same digits as PX_ADG_OVERL_N22, the ST should be included if needed(DSS1 -> ISUP) (HEXSTRING)
PXP_CDPN_VAL_R	HEXSTRING	PIXIT	Complete Address Signal of the IAM called party number (HEXSTRING) (DSS1->ISUP)
PXP_CGPN_V	HEXSTRING	PIXIT	ISUP Calling PartyNumber field value which contains all the digits, and the ST and Filler if needed (HEXSTRING) (DSS1->ISUP)
PXP_CDPNL_ST_S	OCTETSTRING	PIXIT Table	Length of the ISUP CDPN containing the complete address number and the end of pulsing signal 'ST' (OCTETSTRING[1])
PXP_CDPNV_ST_S	OCTETSTRING	PIXIT Table	Value of the ISUP CDPN containing the complete address number and the end of pulsing signal 'ST' (OCTETSTRING)
PXP_CDPNL_OVERL1_S	OCTETSTRING	PIXIT Table	Length of the ISUP CDPN: PXP_CDPNV_OVERL1_S (OCTETSTRING[1])
PXP_CDPNV_OVERL1_S	OCTETSTRING	PIXIT Table	Value of the ISUP CDPN containing the first digits send by the IAM and without the end of pulsing signal 'ST' (OCTETSTRING) (ISUP->DSS1)
PXP_SNbV_OVERL2_S	OCTETSTRING	PIXIT Table	Value of the ISUP SbNb containing digits send by the SAM1 and without the end of pulsing signal 'ST' (OCTETSTRING) (ISUP->DSS1)
PXP_SNbL_OVERL2_S	OCTETSTRING	PIXIT Table	Length of the ISUP SbNb: PXP_SNbV_OVERL2_S (OCTETSTRING[1])
PXP_SNbL_OVERL3_S	OCTETSTRING	PIXIT Table	Length of the ISUP SbNb: PXP_SNbV_OVERL2_S (OCTETSTRING[1])
PXP_SNbV_OVERL3_S	OCTETSTRING	PIXIT Table	Value of the ISUP SbNb containing the last digits send by the SAM2 and with the end of pulsing signal 'ST' (OCTETSTRING) (ISUP->DSS1)
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])
PXP_CIC_R	BITSTRING	PIXIT Table	SS No. 7 Circuit identification code o the ISUP interface (BITSTRING[12])
PXP_CIC_S	BITSTRING	PIXIT Table	SS No. 7 Circuit Identification Code(BITSTRING[12])
PXP_ISUPI	BITSTRING	PIXIT Table	SS No. 7 ISUP indicator of the Backward Call Indicator(BITSTRING[1])

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
PXP_ISDNAI	BITSTRING	PIXIT Table	SS No. 7 ISDN acces indicator of the Backward Call Indicator(BITSTRING[1])
PXP_OBCI	BITSTRING	PIXIT Table	SS No. 7 in-band information of the Optional Backward Call Indicator (BITSTRING[1])
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_NCI_SATE_IND	BITSTRING	PIXIT	Nature of connection indicator(NCI) Satellite indicator (BITSTRING[2])
PXP_NCI_CONT_CHECK	BITSTRING	PIXIT	Nature of connection indicator(NCI) Continuity check indicator (BITSTRING[2])
PXP_NCI_ECHO_CTRL_IND	BITSTRING	PIXIT	Nature of connection indicator(NCI) echo control device indicator (BITSTRING[1])
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_TMRP	OCTETSTRING	PIXIT Table	Content of the Transmission Medium Requirement Prime(OCTETSTRING[1])
PXP_USI_LENGTH	OCTETSTRING	PIXIT Table	Length of the User Service Information(OCTETSTRING[1])
PXP_USI_VALUE	OCTETSTRING	PIXIT Table	Value of the User Service Information(OCTETSTRING)
PXP_CAU_LOC_ISUP	BITSTRING	PIXIT	ISUP Cause location (BITSTRING[4])
PXP_CAU_VAL_ISUP	BITSTRING	PIXIT	ISUP Cause Value (BITSTRING[7])
PXP_T_GUARD	INTEGER	PIXIT Table	Guard timer for the test case (min 30 s)
PXP_T6MIN	INTEGER	PIXIT	Value for timer T6 -10%(Value in seconds)
PXP_T6MAX	INTEGER	PIXIT	Value for timer T6+10% (Value in seconds)
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_CDPN_L	OCTETSTRING	PIXIT	Length of 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_OVERL_N21_ND	OCTETSTRING	PIXIT	Number digits (IA5) for the Called party number information element to be sent to the IUT including a partial number digits of the access related to PTC2 to cause the IUT to send an IAM message (DSS1 -> ISUP)
PX_LCDPN_OVERL_N21	OCTETSTRING	PIXIT	Length of the Called party number information element to be sent to the IUT including the partial number digits of the access related to PTC2 (to cause the IUT to send the IAM message) (DSS1 -> ISUP)

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
PX_CDPN_OVERL_N22_ND	OCTETSTRING	PIXIT	Number digits (IA5) for the Called party number information element to be sent to the IUT including additional number digits of the access related to PTC2 to cause the IUT to send an SAM message (DSS1 -> ISUP)
PX_LCDPN_OVERL_N22	OCTETSTRING	PIXIT	Length of the Called party number information element to be sent to the IUT including additional number digits of the access related to PTC2 (to cause the IUT to send the SAM message) (DSS1 -> ISUP)
PX_CDPN_OVERLAP1_ND	OCTETSTRING	PIXIT	Number digits for the Called party number information element to be sent to the IUT including a partial number digits of the access related to PTC2 which doesn't cause the IUT to send an IAM message (DSS1 -> ISUP)
PX_LCDPN_OVERLAP1	OCTETSTRING	PIXIT	Length of the Called party number information element to be sent to the IUT including the partial number digits of the access related to PTC2 (which doesn't cause the IUT to send the IAM message) (DSS1 -> ISUP)
PX_CDPN_OVERLAP2_ND	OCTETSTRING	PIXIT	Last number digits for the Called party number information element to be sent to the IUT of the access related to PTC2 which cause the IUT to send an IAM message (DSS1 -> ISUP)
PX_LCDPN_OVERLAP2	OCTETSTRING	PIXIT	Length of the Called party number information element to be sent to the IUT including the last digits of the access related to PTC2 (which the IUT to send the IAM message) (DSS1 -> ISUP)
PX_CGPN_L	OCTETSTRING	PIXIT	Calling Party Number field length, contents the PX_CGPN_V's length (OCTETSTRING[1])
PX_CGPN_V	OCTETSTRING	PIXIT	ISDN Calling Party Number field value, which contains all digits(IA5), Octet 3 shall also be included
PX_CH_NUM	INTEGER	PIXIT	Preferred channel number (Integer) Possible value: Basic access 1 .. 2 Primary rate access 1 .. 30.
PX_CR_LENGTH	CR_LENGTH_TY PE	PIXIT	Value for bits 4 - 1 of the call reference length, Bitstring[4]
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
PX_BCAPL	OCTETSTRING	PIXIT	Length of the Bearer capability information element to be sent to the IUT (OCTETSTRING[1])
PX_BCAPV	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element to be sent to the IUT
PX_HLCL1	OCTETSTRING	PIXIT	Length of the High layer compatibility(#1) information element to be sent to the IUT(OCTETSTRING[1])
PX_HLCV1	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the High layer compatibility(#1) information element to be sent to the IUT, lower priority
PX_HLCL2	OCTETSTRING	PIXIT	Length of the High layer compatibility(#2) information element to be sent to the IUT(OCTETSTRING[1])

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
PX_HLCV2	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the High layer compatibility information element(#2) to be sent to the IUT, higher priority
PX_LLCL	OCTETSTRING	PIXIT	Length of the Low layer compatibility information element to be sent to the (OCTETSTRING[1]).
PX_LLCV	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the invalid Low layer compatibility information element to be sent to the IUT
PX_CAU_LOC_ISDN	BITSTRING	PIXIT	ISDN Cause location (BITSTRING[4])
PX_CAU_VAL_ISDN	BITSTRING	PIXIT	ISDN Cause Value (BITSTRING[7])
PX_PI_LOC	BITSTRING	PIXIT	Location filed value of the Progress Indicator Information element (4 bits).
PX_PI_PD	INTEGER	PIXIT	Progress description(octet 4) of the Progress Indicator Information element (integer)
PX_PI_PD_NOT8	INTEGER	PIXIT	Progress description(octet 4) of the Progress Indicator Information element but with a value different from8 (integer)
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)
PX_T301MIN	INTEGER	PIXIT	Value for timer T301-10% (Value in seconds)
PX_T301MAX	INTEGER	PIXIT	Value for timer T301+10% (Value in seconds)
PX_T303MIN	INTEGER	PIXIT	Value for timer T303-10% (Value in seconds)
PX_T303MAX	INTEGER	PIXIT	Value for timer T303+10% (Value in seconds)
PX_T310MIN	INTEGER	PIXIT	Value for timer T310-10% (Value in seconds)
PX_T310MAX	INTEGER	PIXIT	Value for timer T310+10% (Value in seconds)
PX_BCAPL_SPEECH	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = speech) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_SPEECH	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = speech) to be sent to the IUT
PX_BCAPL_3_1KHZ_AUDIO	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = 3.1kHz audio) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_3_1KHZ_AUDIO	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = 3.1kHz audio) to be sent to the IUT
PX_BCAPL_UDI_64KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate= 64 kbits/s) to be sent to the IUT(OCTETSTRING[1])

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
PX_BCAPV_UDI_64KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate= 64 kbits/s) to be sent to the IUT
PX_BCAPL_UDI_2x64KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=2*64 kbits/s) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDI_2x64KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate= 2*64 kbits/s) to be sent to the IUT
PX_BCAPL_UDI_384KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=384 kbits/s) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDI_384KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate= 384 kbits/s) to be sent to the IUT
PX_BCAPL_UDI_1536KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=1536kbits/s) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDI_1536KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate= 1536 kbits/s) to be sent to the IUT
PX_BCAPL_UDI_1920KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=1920kbits/s) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDI_1920KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate= 1920 kbits/s) to be sent to the IUT
PX_BCAPL_UDI_MULT_6x64 KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=multirate and rate multiplier= 6) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDI_MULT_6x64 KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate= multirate and rate multiplier=6) to be sent to the IUT
PX_BCAPL_UDI_MULT_24x64 KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=multirate and rate multiplier= 24) to be sent to the IUT(OCTETSTRING[1])

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
PX_BCAPV_UDI_MULT_24x64KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate= multirate and rate multiplier=24) to be sent to the IUT
PX_BCAPL_UDI_MULT_30x64KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=multirate and rate multiplier= 30) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDI_MULT_30x64KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate= multirate and rate multiplier=30) to be sent to the IUT
PX_BCAPL_UDITA_64KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate=64 kbits/s) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDITA_64KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=64 kbits/s) to be sent to the IUT
PX_BCAPL_UDITA_2x64KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate=2x64 kbits/s) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDITA_2x64KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=2x64 kbits/s) to be sent to the IUT
PX_BCAPL_UDITA_384KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate=384 kbits/s) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDITA_384KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=384 kbits/s) to be sent to the IUT
PX_BCAPL_UDITA_1536KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate=1536 kbits/s) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDITA_1536KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=1536 kbits/s) to be sent to the IUT

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Test Suite Parameter Declarations			
Parameter Name	Type	PICS/PIXIT Ref	Comments
PX_BCAPL_UDITA_1920KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate=1920 kbits/s) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDITA_1920KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information, information transfer rate=1920 kbits/s) to be sent to the IUT
PX_BCAPL_UDITA_M_6x64KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate=multirate and rate multiplier= 6) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDITA_M_6x64KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate= multirate and rate multiplier=6) to be sent to the IUT
PX_BCAPL_UDITA_M_24x64KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate=multirate and rate multiplier= 24) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDITA_M_24x64KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate= multirate and rate multiplier=24) to be sent to the IUT
PX_BCAPL_UDITA_M_30x64KB	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate=multirate and rate multiplier= 30) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDITA_M_30x64KB	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate= multirate and rate multiplier=30) to be sent to the IUT
PX_BCAPL_UDITA_ANYR	OCTETSTRING	PIXIT	Length of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate=anyone which can be allowed by network) to be sent to the IUT(OCTETSTRING[1])
PX_BCAPV_UDITA_ANYR	OCTETSTRING	PIXIT	Contents (octet3 onwards) of the Bearer capability information element (information transfer capability = unrestricted digital information with tones/announcements, information transfer rate= anyone which can be allowed by the network) to be sent to the IUT
<b>Detailed Comments :</b>			

Test Case Selection Expression Definitions		
Expression Name	Selection Expression	Comments
ENBL_AUTO_ACM	PC_ENBLOC AND PXP_AUTO_ACM	ISDN: IUT support the ISDN enbloc procedure and the ISUP automatic sending ACM
T_ENBL_AUTO_ACM	PC_ENBLOC AND PXP_AUTO_ACM AND PC_PT_PT	ISDN: IUT support the ISDN enbloc procedure and the ISUP automatic sending ACM, at the T reference point
P_ENBLOC	PCP_ENBLOC	ISUP: IUT support the enbloc procedure
P_ENB_OVER	PCP_ENBLOC OR PCP_OVERLAP OR PCP_SPFBACK	ISUP: IUT support the enbloc procedure in the forward address signalling OR use the overlap operation in the forward address signalling AND support signalling procedures for connection type allowing fallback
P_ENBLOC_ONLY	PCP_ENBLOC AND NOT(PCP_OVERLAP)	ISUP: IUT support the enbloc procedure and not use the overlap operation in the forward signalling.
P_FBK	PCP_SPFBACK	ISUP: IUT support the fallback procedure
P_NO_FBK	NOT(PCP_SPFBACK)	ISUP: IUT NOT support signalling procedures for connection type allowing fallback
P_OVERLAP	PCP_OVERLAP	ISUP: IUT support the overlap procedure
P_OVERLAP_FBK	PCP_OVERLAP AND PCP_SPFBACK	ISUP: IUT support the overlap procedure and fallback
P_OVERLAP_OR_NOT	PCP_OVERLAP AND NOT(PCP_OVERLAP)	ISUP: IUT support the overlap procedure in forward signalling and not use the overlap operation in the forward address signalling
P_OVERLAP_ST	PCP_OVERLAP AND PCP_ST	ISUP: IUT support the overlap procedure and support the send of the end-pulsing-signal (ST)
P_ST	PCP_ST	ISUP: IUT support the send of the end-pulsing-signal (ST)
BC_SPEECH	PCP_SPEECH AND PC_SPEECH	TRUE if IUT supports ISDN and ISUP speech connection type.
BC_3_1KHZ	PCP_3_1KHZ AND PC_3_1KHZ	TRUE if IUT supports ISDN and ISUP 3.1 kHz connection type.
BC_64KB_UDI	PCP_64KB AND PC_UDI AND PC_64KB	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information and ITR=64 kbits/s unrestricted and ISUP 64 kbits/s connection type.
BC_2x64KB_UDI	PCP_2x64KB AND PC_UDI AND PC_2x64KB	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information and ITR=2x64 kbits/s and ISUP x64 kbits/s connection type.
BC_384KB_UDI	PCP_384KB AND PC_UDI AND PC_384KB	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information and ITR=384 kbits/s and ISUP 384 kbits/s connection type.
BC_1536KB_UDI	PCP_1536KB AND PC_UDI AND PC_1536KB	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information and ITR=1536 kbits/s and ISUP 1536 kbits/s connection type.
BC_1920KB_UDI	PCP_1920KB AND PC_UDI AND PC_1920KB	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information and ITR=1920 kbits/s and ISUP 1920 kbits/s connection type.
BC_6x64KB_UDI	PCP_384KB AND PC_UDI AND PC_MULT AND PC_RATE_MULT_6	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information and ITR=multirate :6x64 kbits/s and ISUP 384 kbits/s connection type.

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Test Case Selection Expression Definitions		
Expression Name	Selection Expression	Comments
BC_24x64KB_UDI	PCP_1536KB AND PC_UDI AND PC_MULT AND PC_RATE_MULT_24	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information and ITR=multirate :24x64 kbits/s and ISUP 1536 kbits/s connection type.
BC_30x64KB_UDI	PCP_1920KB AND PC_UDI AND PC_MULT AND PC_RATE_MULT_30	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information and ITR=multirate :30x64 kbits/s and ISUP 1920 kbits/s connection type.
BC_64KB_UDITA	PCP_64KB AND PC_UDITA AND PC_64KB	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information with tones/announcements and ITR=64 kbits/s unrestricted and ISUP 64 kbits/s connection type.
BC_2x64KB_UDITA	PCP_2x64KB AND PC_UDITA AND PC_2x64KB	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information with tones/announcements and ITR=2x64 kbits/s and ISUP x64 kbits/s connection type.
BC_384KB_UDITA	PCP_384KB AND PC_UDITA AND PC_384KB	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information with tones/announcements and ITR=384 kbits/s and ISUP 384 kbits/s connection type.
BC_1536KB_UDITA	PCP_1536KB AND PC_UDITA AND PC_1536KB	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information with tones/announcements and ITR=1536 kbits/s and ISUP 1536 kbits/s connection type.
BC_1920KB_UDITA	PCP_1920KB AND PC_UDITA AND PC_1920KB	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information with tones/announcements and ITR=1920 kbits/s and ISUP 1920 kbits/s connection type.
BC_6x64KB_UDITA	PCP_384KB AND PC_UDITA AND PC_MULT AND PC_RATE_MULT_6	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information with tones/announcements and ITR=multirate :6x64 kbits/s and ISUP 384 kbits/s connection type.
BC_24x64KB_UDITA	PCP_1536KB AND PC_UDITA AND PC_MULT AND PC_RATE_MULT_24	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information with tones/announcements and ITR=multirate :24x64 kbits/s and ISUP 1536 kbits/s connection type.
BC_30x64KB_UDITA	PCP_1920KB AND PC_UDITA AND PC_MULT AND PC_RATE_MULT_30	TRUE if IUT supports ISDN ITC=Unrestricted Digital Information with tones/announcements and ITR=multirate :30x64 kbits/s and ISUP 1920 kbits/s connection type.
BC_SPEECH_UDITA	PCP_SPEECH AND PC_UDITA AND PC_SPEECH	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and Speech and ISUP 64 kbits/s unrestricted preferred support connection:
BC_3_1KHZ_UDITA	PCP_3_1KHZ AND PC_UDITA AND PC_3_1KHZ	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and 3.1 kHz audio and ISUP 64 kbits/s unrestricted preferred and 3.1 kHz audio connection type.

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Test Case Selection Expression Definitions		
Expression Name	Selection Expression	Comments
BC_UDITA_FBK	PCP_SPFBACK AND PC_UDITA	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and support connection type allowing fallback.
BC_UDITA_FBK_OVERL	PCP_SPFBACK AND PC_UDITA AND PC_OVERLAP	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and support connection type allowing fallback AND support the overlap procedure.
BC_SPEECH_UDITA_FBK	PCP_64KB AND PCP_SPEECH AND PCP_SPFBACK AND PC_UDITA AND PC_SPEECH	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and Speech and ISUP 64 kbits/s unrestricted preferred and speech and support connection type allowing fallback.
BC_SPEECH_UDITA_FBK_T	PCP_64KB AND PCP_SPEECH AND PCP_SPFBACK AND PC_UDITA AND PC_SPEECH AND PC_TREFPT	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and Speech and ISUP 64 kbits/s unrestricted preferred and speech and support connection type allowing fallback and the T reference point.
BC_SPEECH_UDITA_FBK_ENBLOC	PCP_64KB AND PCP_SPEECH AND PCP_SPFBACK AND PC_UDITA AND PC_SPEECH AND PC_ENBLOC	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and Speech and ISUP 64 kbits/s unrestricted preferred and speech and support connection type allowing fallback and support the en-bloc procedure.
BC_SPEECH_UDITA_FBK_OVERL	PCP_64KB AND PCP_SPEECH AND PCP_SPFBACK AND PC_UDITA AND PC_SPEECH AND PC_OVERLAP	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and Speech and ISUP 64 kbits/s unrestricted preferred and speech and support connection type allowing fallback and support the overlap procedure.
BC_SPEECH_UDITA_FBK_ENBLOC_T	PCP_64KB AND PCP_SPEECH AND PCP_SPFBACK AND PC_UDITA AND PC_SPEECH AND PC_ENBLOC AND PC_TREFPT	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and Speech and ISUP 64 kbits/s unrestricted preferred and speech and support connection type allowing fallback and support the en-bloc procedure and the T reference point.
BC_SPEECH_UDITA_FBK_OVERL_T	PCP_64KB AND PCP_SPEECH AND PCP_SPFBACK AND PC_UDITA AND PC_SPEECH AND PC_OVERLAP AND PC_TREFPT	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and Speech and ISUP 64 kbits/s unrestricted preferred and speech and support connection type allowing fallback and support the overlap procedure and the T reference point.
BC_3_1KHZ_UDITA_FBK	PCP_64KB AND PCP_3_1KHZ AND PCP_SPFBACK AND PC_UDITA AND PC_3_1KHZ	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and 3.1 kHz audio and ISUP 64 kbits/s unrestricted preferred and 3.1 kHz audio and support connection type allowing fallback.

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Test Case Selection Expression Definitions		
Expression Name	Selection Expression	Comments
BC_3_1KHZ_UDITA_FBK_T	PCP_64KB AND PCP_3_1KHZ AND PCP_SPFBACK AND PC_UDITA AND PC_3_1KHZ AND PC_TREFPT	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and 3.1 kHz audio and ISUP 64 kbits/s unrestricted preferred and 3.1 kHz audio and support connection type allowing fallback and the T reference point.
BC_3_1KHZ_UDITA_FBK_ENBLOC	PCP_64KB AND PCP_3_1KHZ AND PCP_SPFBACK AND PC_UDITA AND PC_3_1KHZ AND PC_ENBLOC	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and 3.1 kHz audio and ISUP 64 kbits/s unrestricted preferred and 3.1 kHz audio and support connection type allowing fallback and support the en-bloc procedure.
BC_3_1KHZ_UDITA_FBK_OVERL	PCP_64KB AND PCP_3_1KHZ AND PCP_SPFBACK AND PC_UDITA AND PC_3_1KHZ AND PC_OVERLAP	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and 3.1 kHz audio and ISUP 64 kbits/s unrestricted preferred and 3.1 kHz audio and support connection type allowing fallback and support the overlap procedure.
BC_3_1KHZ_UDITA_FBK_ENBLOC_T	PCP_64KB AND PCP_3_1KHZ AND PCP_SPFBACK AND PC_UDITA AND PC_3_1KHZ AND PC_ENBLOC AND PC_TREFPT	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and 3.1 kHz audio and ISUP 64 kbits/s unrestricted preferred and 3.1 kHz audio and support connection type allowing fallback and support the en-bloc procedure and the T reference point.
BC_3_1KHZ_UDITA_FBK_OVERL_T	PCP_64KB AND PCP_3_1KHZ AND PCP_SPFBACK AND PC_UDITA AND PC_3_1KHZ AND PC_OVERLAP AND PC_TREFPT	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and 3.1 kHz audio and ISUP 64 kbits/s unrestricted preferred and 3.1 kHz audio and support connection type allowing fallback and support the overlap procedure and the T reference point.
UDITA_64KB_FBK	PCP_64KB AND PCP_SPFBACK AND PC_UDITA	TRUE if IUT supports ISDN Unrestricted Digital Information with tones/announcements and ISUP 64 kbits/s unrestricted preferred and support connection type allowing fallback.
ENBLOC	PC_ENBLOC	ISDN: IUT support the enbloc procedure
ENBLOC_FBK	PC_ENBLOC AND PCP_SPFBACK	ISDN: IUT support the enbloc procedure and ISUP type allowing fallback
OVERLAP	PC_OVERLAP	TRUE if the IUT support the ISDN overlap procedure
OVERLAP_FBK	PC_OVERLAP AND PCP_SPFBACK	TRUE if the IUT support the overlap procedure and the ISUP fallback procedure
PT_PT	PC_PT_PT	TRUE if the IUT support the ISDN point to point configuration procedure
MPT	PC_MPT	TRUE if the IUT support the ISDN multipoint configuration procedure

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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
S_T_FBK	PC_STREFPT AND PCP_SPFBACK	TRUE if the IUT support the ISDN coincidence S and T reference and support ISUP fallback
S_T_ENBLOC_FBK	PC_STREFPT AND PC_ENBLOC AND PCP_SPFBACK	TRUE if the IUT support the ISDN coincidence S and T reference and enbloc and support ISUP fallback
S_T_OVERLAP	PC_STREFPT AND PC_OVERLAP	TRUE if the IUT support the ISDN coincidence S and T reference and overlap
S_T_OVERLAP_FBK	PC_STREFPT AND PC_OVERLAP AND PCP_SPFBACK	TRUE if the IUT support the ISDN coincidence S and T reference and overlap and support ISUP fallback
T_OR_ST_REFPT	PC_TREFPT OR PC_STREFPT	TRUE if the ISDN support the T reference point OR the coincident S and T reference point
TREFPT	PC_TREFPT	TRUE if the ISDN support the T reference point
TREFPT_FBK	PC_TREFPT AND PCP_SPFBACK	TRUE if the IUT support the ISDN T reference point AND support the ISUP fallback procedure
T_ENBLOC_FBK	PC_TREFPT AND PC_ENBLOC AND PCP_SPFBACK	TRUE if the IUT supports the ISDN T reference point AND enbloc AND supports the ISUP fallback procedure
T_OVERLAP	PC_TREFPT AND PC_OVERLAP	ISDN: IUT support the T reference point AND overlap
T_OVERLAP_FBK	PC_TREFPT AND PC_OVERLAP AND PCP_SPFBACK	TRUE if the IUT supports the ISDN T reference point AND overlap AND supports the ISUP fallback procedure
S_T_ENBL_FBK_AUT_ACM	PC_STREFPT AND PC_ENBLOC AND PCP_SPFBACK AND PXP_AUTO_ACM	TRUE if the IUT support the ISDN coincidence S and T reference and enbloc and support ISUP fallback and automatic ACM sending
S_T_ENBL_AUT_ACM	PC_STREFPT AND PC_ENBLOC AND PXP_AUTO_ACM	TRUE if the IUT support the ISDN coincidence S and T reference and enbloc and support ISUP automatic ACM sending
T_ENBL_AUT_ACM	PC_TREFPT AND PC_ENBLOC AND PXP_AUTO_ACM	TRUE if the IUT supports the ISDN T reference point AND enbloc AND supports the ISUP automatic ACM sending procedure
T_ENBL_FBK_AUT_ACM	PC_TREFPT AND PC_ENBLOC AND PCP_SPFBACK AND PXP_AUTO_ACM	TRUE if the IUT supports the ISDN T reference point AND enbloc AND supports the ISUP fallback procedure and automatic ACM sending procedure
BC_SPEECH_OR_3_1kHz	(PCP_SPEECH AND PC_SPEECH) OR (PCP_3_1KHZ AND PC_3_1KHZ)	TRUE if IUT supports Speech or 3.1kHz audio
<b>Detailed Comments :</b>		

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_CGPN	BITSTRING	'01101100'B	Calling party number
ID_CHI	BITSTRING	'00011000'B	Channel identification
ID_HLC	BITSTRING	'01111101'B	High layer compatibility
ID_LLC	BITSTRING	'01111100'B	Low layer compatibility
ID_NOID	BITSTRING	'00100111'B	Notification indicator
ID_PI	BITSTRING	'00011110'B	Progress
ID_RI	BITSTRING	'01111001'B	Restart indicator
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_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_SETUP	BITSTRING	'00000101'B	
MT_SETUP_ACK	BITSTRING	'00001101'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_GRS	BITSTRING	'00010111'B	
MT_IAM	BITSTRING	'00000001'B	
MT_REL	BITSTRING	'00001100'B	
MT_RLC	BITSTRING	'00010000'B	
MT_RSC	BITSTRING	'00010010'B	
MT_SAM	BITSTRING	'00000010'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_GRA	BITSTRING	'00101001'B	CHANGED/1/230998/ KP/10.2-99/ (ADDED)
MT_SUS	BITSTRING	'00001101'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)
Detailed Comments :			

Test Case Variable Declarations			
Variable Name	Type	Value	Comments
B_CHN	BITSTRING		B-channel for call
B_CHN_RS	OCTETSTRING		B-channel for restart procedures
CIC_VAL	BITSTRING	PXP_CIC_R	received CIC storage
CHI_LENGTH	BITSTRING	'00000011'B	Length of Channel identification
CREF	CALL_REF_TYPE		Call reference value
GLOB_CREF	CALL_REF_TYPE		Global call reference value
Detailed Comments :			

PCO Type Declarations		
PCO Type	Role	Comments
SAP	LT	
ISUP_PCO	LT	
<b>Detailed Comments :</b>		

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
<b>Detailed Comments :</b>	

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)
T6MIN	PXP_T6MIN	s	T6-10%
T6MAX	PXP_T6MAX	s	T6+10%
T301MIN	PX_T301MIN	s	T301-10%
T301MAX	PX_T301MAX	s	T301+10%
T303MIN	PX_T303MIN	s	T303-10%
T303MAX	PX_T303MAX	s	T303+10%
T310MIN	PX_T310MIN	s	T310-10%
T310MAX	PX_T310MAX	s	T310+10%
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)
<b>Detailed Comments :</b>				

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

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

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

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

ASP Type Definition		
<b>ASP Name</b> : DL_DAT_IN_RESTART (DL-DATA-INDICATION)		
<b>PCO Type</b> : SAP		
<b>Comments</b> : 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.
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : DL_DAT_IN_SETUP (DL-DATA-INDICATION) <b>PCO Type</b> : SAP <b>Comments</b> : 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.
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : DL_UDAT_IN_SETUP (DL-UNIT-DATA-INDICATION) <b>PCO Type</b> : SAP <b>Comments</b> : 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.
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : DL_DAT_IN (DL-DATA-INDICATION) <b>PCO Type</b> : SAP <b>Comments</b> : 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.
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : DL_DAT_RQ (DL-DATA-REQUEST) <b>PCO Type</b> : SAP <b>Comments</b> : 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.
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : DL_EST_CO (DL-ESTABLISH-CONFIRM) <b>PCO Type</b> : SAP <b>Comments</b> : 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
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : DL_EST_IN (DL-ESTABLISH-INDICATION) <b>PCO Type</b> : SAP <b>Comments</b> : 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
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : DL_EST_RQ (DL-ESTABLISH-REQUEST) <b>PCO Type</b> : SAP <b>Comments</b> : 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
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : DL_REL_CO (DL-RELEASE-CONFIRM) <b>PCO Type</b> : SAP <b>Comments</b> : 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
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : DL_REL_IN (DL-RELEASE-INDICATION) <b>PCO Type</b> : SAP <b>Comments</b> : 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
<b>Detailed Comments</b> :		

ASP Type Definition		
<b>ASP Name</b> : DL_REL_RQ (DL-RELEASE-REQUEST) <b>PCO Type</b> : SAP <b>Comments</b> : 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
<b>Detailed Comments</b> :		



PDU Type Definition			
<b>PDU Name</b> : ACM_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
CCNRPos	ccnr_possible_indicator		o
NatPar	national_parameter		o @
EndOP	end_of_opt_param_ind		o
<b>Detailed Comments</b> : 1. This parameter could be included several times. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			

PDU Type Definition			
<b>PDU Name</b> : ANM_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : 1. This parameter could be repeated. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			

PDU Type Definition			
<b>PDU Name</b> : BLA_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : BLO_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

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

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

PDU Type Definition			
<b>PDU Name</b> : CPG_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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.	
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	
<b>Detailed Comments</b> : 1. This parameter could be repeatet. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			

PDU Type Definition			
<b>PDU Name</b> : CON_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect (TABLE 27 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
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
<b>Detailed Comments</b> : 1. This parameter could be in Note: The order of the optional parameters (o) can be arbitrary.cluded several times. @ For national use only			

PDU Type Definition			
<b>PDU Name</b> : COT_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Continuity (TABLE 28 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
RoutingLbl	routing_label		m
CICode	circuit_identification_code		m
MType	message_type		m
Spare	BITSTRING[7]		
ContInd	BITSTRING[1]		m
<b>Detailed Comments</b> :			

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

PDU Type Definition			
<b>PDU Name</b> : GRA_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Circuit group reset acknowledge (TABLE 25 / 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
RngSts	range_and_status		v
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : IAM_PDU_R <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Initial address message (TABLE 32 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
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
<b>Detailed Comments</b> : 1. This parameter could be included several times. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.			

PDU Type Definition			
<b>PDU Name</b> : IAM_PDU_S <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Initial address message (TABLE 32 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
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	
<b>Detailed Comments</b>	: 1. This parameter could be included several times. @ For national use only Note: The order of the optional parameters (o) can be arbitrary.

PDU Type Definition				
<b>PDU Name</b> : REL_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Release (TABLE 33 / Q.763)				
Field Name	Field Type	Field Encoding	Comments	
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	
<b>Detailed Comments</b> : @ For national use only Note: The order of the optional parameters (o) can be arbitrary.				

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

PDU Type Definition			
<b>PDU Name</b> : RLC_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Release complete (TABLE 34 / Q.763)			
Field Name	Field Type	Field Encoding	Comments
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
<b>Detailed Comments</b> :			

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

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

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

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

PDU Type Definition			
<b>PDU Name</b> : UBA_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : UBL_PDU <b>PCO Type</b> : ISUP_PCO <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : ALERTING_PDU (ALERTING) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : CALL_PROC_PDU (CALL PROCEEDING) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (1) Mandatory in the network-to-user direction.			



PDU Type Definition			
<b>PDU Name</b> : CONNECT_PDU (CONNECT) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : CONNECT_ACK_PDU (CONNECT ACKNOWLEDGE) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : DISCONNECT_PDU (DISCONNECT) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : GFP_MSG_PDU <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : INFORMATION_PDU (INFORMATION) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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: O, length: 1 octet (1)
cau (Cause)	CAU		Direction: n>u , 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
noid (Notification indicator)	NOID		Direction: both, type: O, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
kpf (Keypad facility)	KPF		Direction: u>n , type: O, length: 2 - 34 octets
cdpn (Called party number)	CDPN		Direction: both, type: O, length: 2 - 23 octets
ronn (Redirection number)	RONN		Direction: n>u , type: O, length: 2 - 24 octets
<b>Detailed Comments</b> : (1) The Sending complete information element may be located at any position in the message.			

PDU Type Definition			
<b>PDU Name</b> : NOTIFY_PDU (NOTIFY) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
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
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : PROGRESS_PDU (PROGRESS) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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 compatibility)	HLC		Direction: both, type: O, length: 2 - 4 octets
uui (User-user)	UUI		Direction: both, type: O, length: 2 - * octets
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : RELEASE_PDU (RELEASE) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (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			
<b>PDU Name</b> : RELEASE_COM_PDU (RELEASE COMPLETE) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (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			
<b>PDU Name</b> : RESTART_PDU (RESTART) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (1) This special Channel identification information element type is used to handle the restart procedures.			

PDU Type Definition			
<b>PDU Name</b> : RESTART_ACK_PDU (RESTART ACKNOWLEDGE) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (1) This special Channel identification information element type is used to handle the restart procedures.			

PDU Type Definition			
<b>PDU Name</b> : SETUP_PDU (SETUP) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
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
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
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)
<b>Detailed Comments</b> : (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			
<b>PDU Name</b> : SETUP_PDU1 (SETUP) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
kpf (Keypad facility)	KPF		Direction: u>n , type: O, length: 2 - 34 octets
cgn (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
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)	HLC1		Direction: both, type: O, length: 2 - 4 octets (3)
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)
<b>Detailed Comments</b> : (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. (3) HLC of HLC1 type			



PDU Type Definition			
<b>PDU Name</b> : SETUP_ACK_PDU (SETUP ACKNOWLEDGE) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Significance: global Direction: both ETS 300 403-1 subclause 3.1.15			
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
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
noid (Notification indicator)	NOID		Direction: both, type: O, length: 2 - * octets
dsp (Display)	DSP		Direction: n>u , type: O, length: 2 - 82 octets
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : STATUS_ENQ_PDU (STATUS ENQUIRY) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

PDU Type Definition			
<b>PDU Name</b> : STATUS_PDU (STATUS) <b>PCO Type</b> : SAP <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

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

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
<b>Detailed Comments :</b>		

# **III**

## **Constraints Part**

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

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

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_R1(cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>Structured Type</b> : access_transport5 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing a progress indicator as parameter and a High layer compatibility as test suite parameter			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(PX_HLCL1)+6),1)		
pi_i	ID_PI		Identifier
pi_l	'02'O		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	cpa_pi_loc		location
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(cpa_pi_pd,7)		Parametrized progress description. 7 bits
hlc_i	ID_HLC		Identifier
hlc_l	PX_HLCL1		Length present
hlc_con	PX_HLCV1		Contents present
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_R2(cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>Structured Type</b> : access_transport6 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing a High layer compatibility as test suite parameter and a progress indicator as parameter			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET(OCTET_TO_INT(PX_HLCL1)+6,1)		
hlc_i	ID_HLC		Identifier
hlc_l	PX_HLCL1		Length present
hlc_con	PX_HLCV1		Contents present
pi_i	ID_PI		Identifier
pi_l	'02'O		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	cpa_pi_loc		location
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(cpa_pi_pd,7)		Parametrized progress description(7 bits)
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_R4(cpa_hlcl,cpa_hlcv: OCTETSTRING) <b>Structured Type</b> : access_transport3 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing a HLC as parameter			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(cpa_hlcl)+2),1)		
hlc_i	ID_HLC		Identifier
hlc_l	cpa_hlcl		Length present
hlc_con	cpa_hlcv		Contents present
<b>Detailed Comments</b> :			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_R5(cpa_hlci: INTEGER) <b>Structured Type</b> : access_transport10 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing: - High Layer Capability with detailed parameters - Bearer Capability with don't care values			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	?		
hlc_i	ID_HLC		Identifier
hlc_l	'02'O		Length present
hlc_ext0	'1'B		Extension bit
hlc_c_sd	'00'B		Coding Standard
hlc_Int	'100'B		Interpretation
hlc_Pmpp	'01'B		Presentation method of protocol profile
hlc_ext1	'1'B		Extension bit
hlc_iden	INT_TO_BIT(cpa_hlci,7)		High layer characteristics identification
bcap_i	*		
bcap_l	*		
bcap_v	*		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_R6(cpa_hlci: INTEGER) <b>Structured Type</b> : access_transport11 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing: - Bearer Capability with don't care values - High Layer Capability with detailed parameters			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	?		
bcap_i	*		
bcap_l	*		
bcap_v	*		
hlc_i	ID_HLC		Identifier
hlc_l	'02'O		Length present
hlc_ext0	'1'B		Extension bit
hlc_c_sd	'00'B		Coding Standard
hlc_Int	'100'B		Interpretation
hlc_Pmpp	'01'B		Presentation method of protocol profile
hlc_ext1	'1'B		Extension bit
hlc_iden	INT_TO_BIT(cpa_hlci,7)		High layer characteristics identification
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_R7(cpa_hlc1,cpa_hlcv: OCTETSTRING) <b>Structured Type</b> : access_transport <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing a HLC as parameter			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(cpa_hlc1)+2),1)		
ATP_field_ID	ID_HLC		Identifier
ATP_field_length	cpa_hlc1		Length present
ATP_field_value	cpa_hlcv		Contents present
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
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_RS_1(cpa_bcap_length, cpa_bcap_value:OCTETSTRING) <b>Structured Type</b> : access_transport1 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing Bearer Capability			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(cpa_bcap_length)+2),1)		
ident1	ID_BCAP		
length1	cpa_bcap_length		
value	cpa_bcap_value		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_RS_2 <b>Structured Type</b> : access_transport3 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing a High Layer Compatibility			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(PX_HLCL1)+2),1)		
hlc_i	ID_HLC		Identifier
hlc_l	PX_HLCL1		Length present
hlc_con	PX_HLCV1		Contents present
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_RS_3 <b>Structured Type</b> : access_transport4 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing a Low Layer Compatibility			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(PX_LLCL)+2),1)		
llc_i	ID_LLC		Identifier
llc_l	PX_LLCL		Length present
llc_con	PX_LLCV		Contents present
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_RS_4(cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>Structured Type</b> : access_transport2 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing a progress indicator			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	'04'O		
pi_i	ID_PI		Identifier
pi_l	'02'O		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	cpa_pi_loc		location
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(cpa_pi_pd,7)		Parametrized progress description(7 bits)
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_RS_5(cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER; cpa_bcap_length, cpa_bcap_value:OCTETSTRING) <b>Structured Type</b> : access_transport8 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing a Progress Indicator and a Bearer Capability			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET(((OCTET_TO_INT(cpa_bcap_length)+6), 1)		
pi_i	ID_PI		Identifier
pi_l	'02'O		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	cpa_pi_loc		location
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(cpa_pi_pd,7)		Parametrized progress description(7 bits)
bcap_i	ID_BCAP		
bcap_l	cpa_bcap_length		
bcap_v	cpa_bcap_value		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_RS_6(cpa_bcap_length, cpa_bcap_value:OCTETSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>Structured Type</b> : access_transport7 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing a Bearer Capability and a Progress Indicator			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(cpa_bcap_length)+ 6), 1)		
bcap_i	ID_BCAP		
bcap_l	cpa_bcap_length		
bcap_v	cpa_bcap_value		
pi_i	ID_PI		Identifier
pi_l	'02'O		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	cpa_pi_loc		location
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(cpa_pi_pd,7)		Parametrized progress description(7 bits)
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_S1 <b>Structured Type</b> : access_transport6 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing High layer compatibility as test suite parameter Progress Indicator with value"interworking has occurred and has resulted in a telecommunication service change(#5)"			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(PX_HLCL2)+6),1)		
hlc_i	ID_HLC		Identifier
hlc_l	PX_HLCL2		Length present
hlc_con	PX_HLCV2		Contents present
pi_i	ID_PI		Identifier
pi_l	'02'O		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	'0010'B		location
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(5,7)		Parametrized progress description(7 bits)
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_S2 <b>Structured Type</b> : access_transport9 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing two High layer compatibilities as test suite parameters			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(PX_HLCL1)+OCTET_TO_INT(PX_HLCL2)+4),1)		
hlc1_i	ID_HLC		Identifier
hlc1_l	PX_HLCL1		Length present
hlc1_con	PX_HLCV1		Contents present
hlc2_i	ID_HLC		Identifier
hlc2_l	PX_HLCL2		Length present
hlc2_con	PX_HLCV2		Contents present
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_S3(cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>Structured Type</b> : access_transport6 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing High layer compatibility as test suite parameter Progress Indicator with value"interworking has occurred and has resulted in a telecommunication service change(#5)"			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(PX_HLCL2)+6),1)		
hlc_i	ID_HLC		Identifier
hlc_l	PX_HLCL1		Length present
hlc_con	PX_HLCV1		Contents present
pi_i	ID_PI		Identifier
pi_l	'02'O		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	cpa_pi_loc		location
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(cpa_pi_pd,7)		Parametrized progress description(7 bits)
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ATP_S4(cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>Structured Type</b> : access_transport5 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : ATP containing -Progress Indicator with value"interworking has occurred and has resulted in a telecommunication service change(#5)" -High layer compatibility as test suite parameter(PX_HLC2)			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00000011'B		
length	INT_TO_OCTET((OCTET_TO_INT(PX_HLCL2)+6),1)		
pi_i	ID_PI		Identifier
pi_l	'02'O		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	cpa_pi_loc		location
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(cpa_pi_pd,7)		Parametrized progress description(7 bits)
hlc_i	ID_HLC		Identifier
hlc_l	PX_HLCL1		Length present
hlc_con	PX_HLCV1		Contents present
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_m_R <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_m_R2 <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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" "Subscriber Free"
CdPSI	'01'B		
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"
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_m_R3 <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive BCI encoded as followed: Interworking indicator: "no interworking encountered" ISUP indicator: "ISUP used all the way" ISDN access indicator: "ISDN" CPS indicator: "subscriber free"			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	-		
EEMthI	'??'B		
CdPC	'01'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"
EEInfI	'?'B		
IWI	'0'B		"no interworking encountered"
<b>Detailed Comments</b> :			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_m_R4 (cpa_cdpsi,cpa_cdpc,cpa_isupi,cpa_isdnai:BITSTRING) <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPS ind: parameter Called party's category 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	cpa_cdpc		'00'B->"no indication otherwise" '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
EEInfiI	'0'B		no end-to-end information available
IWI	'0'B		no interworking encountered
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_m_R5 (cpa_cdpsi,cpa_isupi,cpa_isdnai:BITSTRING) <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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	('00'B, '01'B, '10'B)		'00'B->"no indication otherwise" '01'B->"ordinary subscriber" '10'B->"payphone"
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
EEInfiI	'0'B		no end-to-end information available
IWI	'0'B		no interworking encountered
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_m_R6(cpa_cdpsi: BITSTRING) <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPS 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		parameter
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
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_m_R7 <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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"
EEInFI	'?'B		
IWI	'0'B		"no interworking encountered"
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_m_S1 <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_m_S2 (cpa_cdpsi,cpa_isupi,cpa_isdnai:BITSTRING) <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_o_R <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_BCI_o_S1 (cpa_cdpsi,cpa_isupi,cpa_isdnai:BITSTRING) <b>Structured Type</b> : backward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPS ind: parameter ISUP ind: parameter ISDN access ind: parameter			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010001'B		
length	'02'O		
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
EEInfiI	'0'B		no end-to-end information available
IWI	'0'B		no interworking encountered
<b>Detailed Comments</b> :			

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_Cause_m_R1(cpa_cau_val: INTEGER) <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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	-		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_Cause_m_R2 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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	PXP_CAU_LOC_ISUP		Same location value as the ISDN one
ExtI_2	'1'B		last octet
CauseV	PXP_CAU_VAL_ISUP		Same cause value as the ISDN one
Diag	*		
<b>Detailed Comments</b> :			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_Cause_m_S <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	-		
length	'02'O		
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	-		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_Cause_m_S1 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Cause with the same cause value 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	'0000'B		User
ExtI_2	'1'B		last octet
CauseV	PX_CAU_VAL_ISDN		same value as the ISDN one
Diag	-		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_Cause_m_S2(cpa_cau_loc,cpa_cau_val: BITSTRING) <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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	-		
<b>Detailed Comments</b> :			

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_Cause_o_S1 <b>Structured Type</b> : cause_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Cause with the same cause value as the ISDN one			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00010010'B		
length	'02'O		
ExtI_1	'1'B		
CodS	'00'B		last octet CCITT standardized coding
spare	'0'B		
Loc	'0000'B		User
ExtI_2	'1'B		last octet
CauseV	PX_CAU_VAL_ISDN		same value as the ISDN one
Diag	-		
<b>Detailed Comments</b> :			

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

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

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_CIC_R_S(CICnr: BITSTRING) <b>Structured Type</b> : circuit_identification_code <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_CICGrp_R <b>Structured Type</b> : circ_gp_supervision_msg_type_ind <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
spare	'000000'B		
TypeI	?		hardware failure oriented
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_CdPN_R			
<b>Structured Type</b> : called_party_number_R			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length	?		international number or national (significant) number
OdEvI	'?'B		
NatAdrI	('0000011'B, '0000100'B)		
INtwNbI	'?'B		
NbPI	'???'B		
spare	'0000'B		
AdSg	?		
ST	*		
Filler	*		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_CdPN_R1			
<b>Structured Type</b> : called_party_number_R			
<b>Derivation Path</b> : P_CdPN_R.			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
INtwNbI	'1'B		routing to internal network number allowed
NbPI	'001'B		ISDN(Telephony) numbering plan
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_CdPN_R2 <b>Structured Type</b> : called_party_number_R <b>Derivation Path</b> : P_CdPN_R. <b>Encoding Variation</b> : <b>Comments</b> : Called Party Number with the address signal containing the called number information received in the SETUP.			
Element Name	Element Value	Element Encoding	Comments
AdSg	PXP_CDPN_VAL_R		containing the called number information received in the SETUP.
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_CdPN_R3			
<b>Structured Type</b> : called_party_number_R			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Address Signal containing the end of pulsing signal 'ST'			
Element Name	Element Value	Element Encoding	Comments
length	?		international number or national (significant) number
OdEvI	'?'B		
NatAdrI	('0000011'B, '0000100'B)		
INtwNbI	'?'B		
NbPI	'???'B		
spare	'0000'B		
AdSg	?		
ST	'F'H		
Filler	*		
<b>Detailed Comments</b> : cpa_adsgst is a Test Suite parameter			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_CdPN_R4			
<b>Structured Type</b> : called_party_number_R			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Address Signal of the called party number not set to 'ST'			
Element Name	Element Value	Element Encoding	Comments
length	?		international number or national (significant) number
OdEvI	'?'B		
NatAdrI	('0000011'B, '0000100'B)		
INtwNbI	'?'B		
NbPI	'???'B		
spare	'0000'B		
AdSg	?		
ST	-		
Filler	*		
<b>Detailed Comments</b> : cpa_adsgst is a Test Suite parameter			

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

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

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



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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_CgPN_R1(cpa_adsg_st_fil: HEXSTRING) <b>Structured Type</b> : calling_party_number <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001010'B		
length	?		
OdEvI	'?'B		
NatAdrI	('0000011'B, '0000100'B)		international number or national (significant) number
CgPNII	'?'B		
NbPI	'???'B		
APRI	'??'B		
ScrI	'??'B		
AdSg_ST_Fil	cpa_adsg_st_fil		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_CgPN_S <b>Structured Type</b> : calling_party_number <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Dummy calling party number			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00001010'B		subscriber number
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		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ConNb_R			
<b>Structured Type</b> : connected_number			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00100001'B		
length	?		
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	*		
<b>Detailed Comments</b> :			

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

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

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_EvInf_R <b>Structured Type</b> : event_information <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
EvPRI	'?'B		
EventI	'???????'B		
<b>Detailed Comments</b> :			

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

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_FCI_R1 <b>Structured Type</b> : forward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
IPI	'00'B		ISUP preferred all the way
ISUPI	'1'B		ISUP used all the way
EEInFI	PXP_EE_INFO_IND		
IWI	'0'B		no interworking encountered
EEMthI	PXP_EE_METHOD		
InatCI	PXP_NI_CALL_IND		
spare_2	'????'B		@
spare_1	'0'B		
SCCPMI	PXP_SCCP_IND		
ISDNAI	'1'B		Originating Acces ISDN
<b>Detailed Comments</b> : FCI Interworking indicator: no interworking encountered FCI ISDN user part indicator: ISDN user part used all the way FCI ISDN access indicator: originating access ISDN 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			
<b>Constraint Name</b> : P_FCI_S(cpa_isupi,cpa_isdnai: BITSTRING) <b>Structured Type</b> : forward_call_indicators <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
IPI	'00'B		ISUP preferred all the way
ISUPI	cpa_isupi		ISUP used all the way
EEInFI	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
<b>Detailed Comments</b> : 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			
<b>Constraint Name</b> : P_GenNb_R <b>Structured Type</b> : generic_number <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'11000000'B		
length	?		
GenNb_contents	?		
<b>Detailed Comments</b> :			

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

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

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

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

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



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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_NatCon_R1			
<b>Structured Type</b> : nature_of_connection_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
spare	'000'B		
ECDI	PXP_NCI_ECHO_CTRL_IND		
CntChI	PXP_NCI_CONT_CHECK		
SatI	PXP_NCI_SATE_IND		
<b>Detailed Comments</b> : PIXIT NCI satellite indicator PIXIT NCI Continuity check indicator PIXIT NCI echo control device indicator			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_NatCon_S(cpa_cntchi: BITSTRING)			
<b>Structured Type</b> : nature_of_connection_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
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		
<b>Detailed Comments</b> :			

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_OBCI_R1(cpa_ibii:BITSTRING)			
<b>Structured Type</b> : optional_backward_call_indicators			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : OBCI inband inf: Test Suite parameter			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00101001'B		
length	'01'O		
spare	'0000'B		
MLPPUsrI	'?'B		no indication no additional information will be sent
SgmI	'?'B		
CDmo	'?'B		no indication '0'->'no' '1'->'yes'
InBndInfI	cpa_ibii		
<b>Detailed Comments</b> :			

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

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

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_ParCmp_R <b>Structured Type</b> : parameter_compatibility_information <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111001'B		
length	?		
UParid_1	'????????'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	*		
<b>Detailed Comments</b> :			

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

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

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

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

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

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

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

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_Routing_label_R <b>Structured Type</b> : routing_label <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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(?)		?
<b>Detailed Comments</b> :			



Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_Routing_label_S <b>Structured Type</b> : routing_label <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_SubNb_R1			
<b>Structured Type</b> : subsequent_number_R			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Subsequent Number with the end of pulsing signal set to 'ST'			
Element Name	Element Value	Element Encoding	Comments
length	?		'ST'
OdEvI	?		
spare	'0000000'B		
AdSg	?		
ST	'F'H		
Filler	*		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_SubNb_R2			
<b>Structured Type</b> : subsequent_number_R			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Subsequent number containing additional digits but without 'ST'			
Element Name	Element Value	Element Encoding	Comments
length	?		Address signal with additional digits without 'ST'
OdEvI	?		
spare	'0000000'B		
AdSg	?		
ST	-		
Filler	*		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_SubNb_R3(cpa_adsg: HEXSTRING)			
<b>Structured Type</b> : subsequent_number_R			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Subsequent number containing additional as parameter			
Element Name	Element Value	Element Encoding	Comments
length	?		Address signal with additional digits as parameter
OdEvI	?		
spare	'0000000'B		
AdSg	cpa_adsg		
ST	*		
Filler	*		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_SubNb_S(cpa_length, cpa_value: OCTETSTRING) <b>Structured Type</b> : subsequent_number_S <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
length value	cpa_length cpa_value		
<b>Detailed Comments</b> :			

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_TMRp_R1(cpa_tmrp_value:OCTETSTRING) <b>Structured Type</b> : transmission_medium_requirement_prime <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111110'B		
length	'01'O		length present
TMRp_field	cpa_tmrp_value		value present
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_TMRp_S(cpa_tmrp_value:OCTETSTRING) <b>Structured Type</b> : transmission_medium_requirement_prime <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00111110'B		
length	'01'O		length present
TMRp_field	cpa_tmrp_value		value present
<b>Detailed Comments</b> :			

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_TMU_R1(cpa_tmu_value: OCTETSTRING) <b>Structured Type</b> : transmission_medium_used <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110101'B		
length	'01'O		
TMU_field	cpa_tmu_value		value present
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_TMU_S1(cpa_tmu_value:OCTETSTRING) <b>Structured Type</b> : transmission_medium_used <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110101'B		
length	'01'O		
TMU_field	cpa_tmu_value		value present
<b>Detailed Comments</b> :			

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

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

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

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_USI_R1(cpa_length, cpa_val:OCTETSTRING) <b>Structured Type</b> : user_service_information <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
usi_id	'00011101'B		identifier
usi_l	cpa_length		length present
usi_value	cpa_val		value present
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_USI_S(cpa_length, cpa_val:OCTETSTRING) <b>Structured Type</b> : user_service_information <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
usi_id	'00011101'B		identifier
usi_l	cpa_length		length present
usi_value	cpa_val		value present
<b>Detailed Comments</b> :			

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_USIp_R1(cpa_length, cpa_val: OCTETSTRING) <b>Structured Type</b> : user_service_information_prime <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110000'B		
usip_l	cpa_length		length present
usip_value	cpa_val		value present
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_USIp_S(cpa_length, cpa_val:OCTETSTRING) <b>Structured Type</b> : user_service_information_prime <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110000'B		
usip_l	cpa_length		length present
usip_value	cpa_val		value present
<b>Detailed Comments</b> :			

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



Structured Type Constraint Declaration			
<b>Constraint Name</b> : P_UTI_R1 <b>Structured Type</b> : user_teleservice_information <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : CHANGED/OU22/3.8.1999/KP/ Done for test case TC101022 & TC101021			
Element Name	Element Value	Element Encoding	Comments
parameter_type	'00110100'B		
length	PX_HLCL2		length present
value	PX_HLCV2		value present
<b>Detailed Comments</b> :			

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : BCAP_R2(cpa_bcap_l,cpa_bcap_v:OCTETSTRING) <b>Structured Type</b> : BCAP <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
bcap_i	ID_BCAP		Identifier
bcap_l	cpa_bcap_l		Length present
bcap_con	cpa_bcap_v		Contents present
<b>Detailed Comments</b> : cpa_bcap_l and cpa_bcap_v are parameters			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : BCAP_S1 <b>Structured Type</b> : BCAP <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send constraint; values as given in the test suite parameters			
Element Name	Element Value	Element Encoding	Comments
bcap_i	ID_BCAP		Identifier
bcap_l	PX_BCAPL		Length present
bcap_con	PX_BCAPV		Contents present
<b>Detailed Comments</b> : PX_BCAPV and PX_BCAPL are test suite parameters.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : BCAP_S2(cpa_bcap_l, cpa_bcap_v:OCTETSTRING) <b>Structured Type</b> : BCAP <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
bcap_i	ID_BCAP		Identifier
bcap_l	cpa_bcap_l		Length present
bcap_con	cpa_bcap_v		Contents present
<b>Detailed Comments</b> : cpa_bcap_l and cpa_bcap_v are parameters			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CAU_R1 <b>Structured Type</b> : CAU <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CAU_R2( <i>cpa_cau_loc</i> , <i>cpa_cau_val</i> :BITSTRING) <b>Structured Type</b> : CAU <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive constraint with cause value as test suite parameter			
Element Name	Element Value	Element Encoding	Comments
<i>cau_i</i>	ID_CAU		Cause identifier
<i>cau_l</i>	?		Length value present
<i>cau_e3_eb</i>	'?'B		Extension bit present
<i>cau_e3_cs</i>	'000'B		CCITT standardised coding
<i>cau_e3_loc</i>	<i>cpa_cau_loc</i>		Location value present
<i>cau_e4_rec</i>	*		Any or no recommendation value
<i>cau_e5_eb</i>	'1'B		Extension bit present
<i>cau_e5_cv</i>	<i>cpa_cau_val</i>		Parametrised cause value
<i>cau_di</i>	*		Any or no diagnostics
<b>Detailed Comments</b> :			

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

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CAU_S1(CVAL: INTEGER) <b>Structured Type</b> : CAU <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CAU_S2(cpa_cau_loc, cpa_cau_val: BITSTRING) <b>Structured Type</b> : CAU <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send constraint with a cause location and a cause value as parameter			
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	cpa_cau_loc		Location user
cau_e4_rec	-		No recommendation value
cau_e5_eb	'1'B		Extension bit present
cau_e5_cv	cpa_cau_val		Parametrized cause value
cau_di	-		No diagnostics value
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CGPN_S1(cpa_length, cpa_value: OCTETSTRING) <b>Structured Type</b> : CGPN <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Element Name	Element Value	Element Encoding	Comments
cgpn_i	ID_CGPN		
cgpn_l	cpa_length		
cgpn_v	cpa_value		
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CDPN_S1 <b>Structured Type</b> : CDPN <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send constraint; values as given in the test suite parameters			
Element Name	Element Value	Element Encoding	Comments
cdpn_i	ID_CDPN		Identifier
cdpn_l	PX_CDPN_L		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
<b>Detailed Comments</b> : PX_LCPN_ISUP, PX_CDPN_OCTET3 and PX_CPN_ISUP are test suite parameters			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CDPN_S2 (LCDPN, CDPN_ND, CDPN3: OCTETSTRING) <b>Structured Type</b> : CDPN <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send constraint; values are parameters			
Element Name	Element Value	Element Encoding	Comments
cdpn_i	ID_CDPN		Identifier
cdpn_l	LCDPN		Length present
cdpn_e3_npi	CDPN3		Type of number and Numbering plan identification present
cdpn_e4_nd	CDPN_ND		Number digits present
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CHIB_R1 <b>Structured Type</b> : CHI <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (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			
<b>Constraint Name</b> : CHIB_S1(BCH: BITSTRING) <b>Structured Type</b> : CHI <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (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			
<b>Constraint Name</b> : CHIp_R1 <b>Structured Type</b> : CHI <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (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			
<b>Constraint Name</b> : CHIp_S1(BCH: BITSTRING) <b>Structured Type</b> : CHI <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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	'01010'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
<b>Detailed Comments</b> : (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			
<b>Constraint Name</b> : CHI_RSb_R1 <b>Structured Type</b> : CHI_RS <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (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			
<b>Constraint Name</b> : CHI_RSb_S1(BCH: BITSTRING) <b>Structured Type</b> : CHI_RS <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (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			
<b>Constraint Name</b> : CHI_RSp_R1 <b>Structured Type</b> : CHI_RS <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (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			
<b>Constraint Name</b> : CHI_RSp_S1(BCH: OCTETSTRING; LENGTH: BITSTRING) <b>Structured Type</b> : CHI_RS <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (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			
<b>Constraint Name</b> : CR1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>Structured Type</b> : CR <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (1) PX_CR_LENGTH is a test suite parameter.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : CR_R1 <b>Structured Type</b> : CR <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> : (1) PX_CR_LENGTH is a test suite parameter.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : HLC_RS1 <b>Structured Type</b> : HLC <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send constraint; values as given in the test suite parameters			
Element Name	Element Value	Element Encoding	Comments
hlc_i	ID_HLC		Identifier
hlc_l	PX_HLCL1		Length present
hlc_con	PX_HLCV1		Contents present
<b>Detailed Comments</b> : PX_HLCV and PX_HLCL are test suite parameters.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : HLC_RS2 <b>Structured Type</b> : HLC <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send constraint; values as given in the test suite parameters			
Element Name	Element Value	Element Encoding	Comments
hlc_i	ID_HLC		Identifier
hlc_l	PX_HLCL2		Length present
hlc_con	PX_HLCV2		Contents present
<b>Detailed Comments</b> : PX_HLCV and PX_HLCL are test suite parameters.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : HLC_S3(cpa_hlc1, cpa_hlcv: OCTETSTRING) <b>Structured Type</b> : HLC <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send constraint; values as given in the test suite parameters			
Element Name	Element Value	Element Encoding	Comments
hlc_i	ID_HLC		Identifier
hlc_l	cpa_hlc1		Length present
hlc_con	cpa_hlcv		Contents present
<b>Detailed Comments</b> : PX_HLCV and PX_HLCL are test suite parameters.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : HLC_S4(cpa_hlci: INTEGER) <b>Structured Type</b> : HLC1 <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send constraint; values as given in the test suite parameters			
Element Name	Element Value	Element Encoding	Comments
hlc_i	ID_HLC		Identifier
hlc_l	'02'O		Length present
hlc_ext0	'1'B		Extension bit
hlc_c_sd	'00'B		Coding Standard
hlc_Int	'100'B		Interpretation
hlc_Pmpp	'01'B		Presentation method of protocol profile
hlc_ext1	'1'B		Extension bit
hlc_iden	INT_TO_BIT(cpa_hlci,7)		High layer characteristics identification
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : LLC_RS1 <b>Structured Type</b> : LLC <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive constraint; values as given in the test suite parameters			
Element Name	Element Value	Element Encoding	Comments
llc_i	ID_LLC		Identifier
llc_l	PX_LLCL		Length present
llc_con	PX_LLCV		Contents present
<b>Detailed Comments</b> : PX_LLCV and PX_LLCL are test suite parameters.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : NOID_R1 <b>Structured Type</b> : NOID <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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
<b>Detailed Comments</b> :			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : PI_RS1(cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>Structured Type</b> : PI <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive constraint with parametrized progress description			
Element Name	Element Value	Element Encoding	Comments
pi_i	ID_PI		Identifier
pi_l	'00000010'B		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	cpa_pi_loc		location
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(cpa_pi_pd,7)		Parametrized progress description(7 bits)
<b>Detailed Comments</b> : (1) CCITT standardized coding, user.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : PI_R1(cpa_pi_pd:INTEGER) <b>Structured Type</b> : PI <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive constraint with parametrized progress description			
Element Name	Element Value	Element Encoding	Comments
pi_i	ID_PI		Identifier
pi_l	'00000010'B		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	'????'B		location
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(cpa_pi_pd,7)		Parametrized progress description(7 bits)
<b>Detailed Comments</b> : (1) CCITT standardized coding, user.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : PI_S1 <b>Structured Type</b> : PI <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send constraint with parametrized progress description			
Element Name	Element Value	Element Encoding	Comments
pi_i	ID_PI		Identifier
pi_l	'00000010'B		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	PX_PI_LOC		(1)
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(PX_PI_PD,7)		Parametrized progress description
<b>Detailed Comments</b> : (1) CCITT standardized coding, user.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : PI_S2 <b>Structured Type</b> : PI <b>Derivation Path</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send constraint with parametrized progress description			
Element Name	Element Value	Element Encoding	Comments
pi_i	ID_PI		Identifier
pi_l	'00000010'B		Length present
pi_e3_pre	'1000'B		CCITT standardized coding, user.
pi_e3_loc	PX_PI_LOC		(1)
pi_e4_eb	'1'B		Extension bit present
pi_e4_pd	INT_TO_BIT(PX_PI_PD_NO T8,7)		Parametrized progress description
<b>Detailed Comments</b> : (1) CCITT standardized coding, user.			

Structured Type Constraint Declaration			
<b>Constraint Name</b> : RI1(CLASS_VAL: INTEGER)			
<b>Structured Type</b> : RI			
<b>Derivation Path</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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
<b>Detailed Comments</b> :			

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

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

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

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

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

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

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

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



PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_R(CICnr: BITSTRING) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_R1(CICnr,cpa_cdpsi,cpa_isupi,cpa_isdnai: BITSTRING) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM with BCI as 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_R5(cpa_cdpsi,cpa_isupi,cpa_isdnai)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_R2(CICnr,cpa_cdpsi,cpa_cdpc,cpa_isupi,cpa_isdnai,cpa_pi_loc:BITSTRING / cpapi_pd:INTEGER)			
<b>PDU Type</b> : ACM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ACM with: -BCI as parameter -ATP containing a Progress Indicator as 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_R4(cpa_cdpsi,cpa_cdpc,cpa_isupi,cpa_isdnai)		
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	-		CHANGE /7/ TJS
ATP_BCAP	-		
ATP_PI	P_ATP_RS_4(cpa_pi_loc,cpapi_pd)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_R4(CICnr, cpa_cdpsi: BITSTRING; cpa_bcap_length, cpa_bcap_value: OCTETSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER; cpa_tmu: OCTETSTRING) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM message with: -ATP containing a Bearer Capability and a Progress Indicator -TMU as 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_R5 (cpa_cdpsi,?,?)		
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	-		CHANGE /7/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	P_ATP_RS_6(cpa_bcap_length, cpa_bcap_value, cpa_pi_loc, cpa_pi_pd)		
ATP_PIHLC	-		
ATP_HLCPI	-		
GenNot	P_GenNot_R IF_PRESENT		
TMU	P_TMU_R1(cpa_tmu)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_R5(CICnr,cpa_cdpsi,cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER; cpa_bcap_length, cpa_bcap_value,cpa_tmu:OCTETSTRING)			
<b>PDU Type</b> : ACM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ACM message with: -BCI's CPS indicator as parameter -ATP containing a Progress Indicator and a Bearer Capability -TMU as 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_R5 (cpa_cdpsi,'?'B,'?'B)		
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	-		CHANGE /7/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	P_ATP_RS_5(cpa_pi_loc,cpa_pi_pd,cpa_bcap_length,cpa_bcap_value)		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
GenNot	P_GenNot_R IF_PRESENT		
TMU	P_TMU_R1(cpa_tmu)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_R6(CICnr, cpa_cdpsi, cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM message with CPS ind: parameter ATP containing a HLC(PXP_HLC2) and a Progress Indicator as 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_R5 (cpa_cdpsi, '?'B, '?'B)		
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	-		CHANGE /7/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	P_ATP_S3(cpa_pi_loc, cpa_pi_pd)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_R8(CICnr, cpa_cdpsi, cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER)			
<b>PDU Type</b> : ACM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ACM message with -CPS ind: parameter -ATP containing a Progress Indicator as parameter and a HLC as test suite parameter(PXP_HLC2)			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		CHANGE /3/ 9.3.99 /TJS
CICode	P_CIC_R_S(CICnr)		
MType	MT_ACM		
BCI	P_BCI_m_R5 (cpa_cdpsi,'?'B,'?'B)		
opt_part_ptr	?		
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	-		CHANGE /7/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	P_ATP_S4(cpa_pi_loc,cpa_pi_pd)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_R9(CICnr,cpa_cdpsi: BITSTRING) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM with CPS indicator as 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_R6(cpa_cdpsi)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_R10(CICnr: BITSTRING) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM containing 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"			
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_R1('1'B) IF_PRESENT		CHANGE /22/ TJS
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_R11(CICnr,cpa_cdpsi,cpa_isupi,cpa_isdnai,cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM with: -BCI as parameter -ATP containing a Progress Indicator as 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_R5(cpa_cdpsi,cpa_isupi,cpa_isdnai)		
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	-		CHANGE /7/ TJS
ATP_BCAP	-		
ATP_PI	P_ATP_RS_4(cpa_pi_loc,cpa_pi_pd)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_S(CICnr: BITSTRING)			
<b>PDU Type</b> : ACM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
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	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_S1(CICnr: BITSTRING) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM message with the following parameter: CPS ind: no indication ISUP ind: ISUP is used all the way ISDN access ind: ISDN OBCI inband inf: no			
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_S1		
opt_part_ptr	'01'O		
OBCI	P_OBCI_S('0'B)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_S2(CICnr,cpa_cdpsi,cpa_isupi,cpa_isdnai,cpa_obci: BITSTRING) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_S3(CICnr, cpa_cpsi: BITSTRING; cpa_tmu_value: OCTETSTRING) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM message with the following parameter: CPS ind: parameter ISUP ind: ISUP is used all the way ISDN access ind: ISDN OBCI inband inf: yes No ATP TMU: TMU_VAL: 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_cpsi, '1'B, '1'B)		CPS indicator: parameter ISUP indicator: "ISUP is used all the way" ISDN acces indicator: "Terminating acces ISDN"
opt_part_ptr	'01'O		
OBCI	P_OBCI_S('0'B)		In-Band Information set to "No"
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	P_TMU_R1(cpa_tmu_value)		
EchoInf	-		
ADInf	-		
RnNb	-		
ParCmp	-		
CDInf	-		
NtwFac	-		
RemOp	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_S4( CICnr,cpa_cpsi:BITSTRING; cpa_tmu_value:OCTETSTRING; cpa_atp_length, cpa_atp_value:OCTETSTRING)			
<b>PDU Type</b> : ACM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ACM message with the following parameter: CPS ind: parameter ISUP ind: ISUP is used all the way ISDN access ind: ISDN OBCI inband inf: yes ATP containing Bearer Capability as parameter TMU: TMU_VAL 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_cpsi,'1'B,'1'B)		CPS indicator: parameter ISUP indicator: "ISUP is used all the way" ISDN acces indicator: "Terminating acces ISDN"
opt_part_ptr	'01'O		
OBCI	P_OBCI_S('0'B)		In-Band Information set to "No"
CRef	-		
Cause	-		
UUInd	-		
UUInf	-		
ATP	-		CHANGE /7/ TJS
ATP_BCAP	P_ATP_RS_1(cpa_atp_length,c pa_atp_value)		ATP containing a Bearer Capability
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
GenNot	-		
TMU	P_TMU_R1(cpa_tmu_value)		
EchoInf	-		
ADInf	-		
RnNb	-		
ParCmp	-		
CDInf	-		
NtwFac	-		
RemOp	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_S5( CICnr,cpa_cpsi,cpa_atp_pi_loc: BITSTRING; cap_atp_pi_pd:INTEGER) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM message with the following parameter: CPS ind: parameter ISUP ind: ISUP is used all the way ISDN access ind: ISDN OBCI inband inf: yes ATP containing a progress indicator and a HLC			
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_cpsi,'1'B,'1'B)		CPS indicator:parameter ISUP indicator: "ISUP is used all the way" ISDN acces indicator: "Terminating acces ISDN"
opt_part_ptr	'01'O		
OBCI	P_OBCI_S('0'B)		In-Band Information set to "No"
CRef	-		
Cause	-		
UUInd	-		
UUInf	-		
ATP	-		CHANGE /7/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	P_ATP_R1(cpa_atp_pi_loc,cap_atp_pi_pd)		
ATP_HLCPI	-		
GenNot	-		
TMU	-		
EchoInf	-		
ADInf	-		
RnNb	-		
ParCmp	-		
CDInf	-		
NtwFac	-		
RemOp	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_S6(CICnr,cpa_cpsi,cpa_atp_pi_loc: BITSTRING; cap_atp_pi_pd:INTEGER) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM message with the following parameter: CPS ind: parameter ISUP ind: ISUP is used all the way ISDN access ind: ISDN ATP containing a progress indicator			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CPS indicator:parameter ISUP indicator: "ISUP is used all the way" ISDN acces indicator: "Terminating acces ISDN"
CICode	P_CIC_R_S(CICnr)		
MType	MT_ACM		
BCI	P_BCI_m_S2(cpa_cpsi,'1'B,'1'B)		
opt_part_ptr	'01'O		
OBCI	-		
CRef	-		
Cause	-		
UUInd	-		
UUInf	-		
ATP	-		CHANGE /7/ TJS
ATP_BCAP	-		
ATP_PI	P_ATP_RS_4(cpa_atp_pi_loc,cap_atp_pi_pd)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ACM_S7( CICnr:BITSTRING; cpa_cpsi, cpa_obci: BITSTRING) <b>PDU Type</b> : ACM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ACM message with the following parameter: CPS ind: parameter ISUP ind: ISUP is used all the way ISDN access ind: ISDN OBCI inband inf: parameter CAUSE value containing the same value as the ISDN one			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CPS indicator:parameter ISUP indicator: "ISUP is used all the way" ISDN acces indicator: "Terminating acces ISDN"
CICode	P_CIC_R_S(CICnr)		
MType	MT_ACM		In-Band Information parametrised
BCI	P_BCI_m_S2(cpa_cpsi, '1'B, '1'B)		
opt_part_ptr	'01'O		CHANGE /9/ TJS
OBCI	P_OBCI_S(cpa_obci)		
CRef	-		
Cause	P_Cause_o_S1		
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	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_R(CICnr: BITSTRING) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_R1(CICnr: BITSTRING) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ANM message with ATP containing a Progress Indicator as test suite 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	P_UUInf_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
ATP	-		CHANGE /6/
ATP_BCAP	-		o
ATP_PI	P_ATP_RS_4(PX_PI_LOC,PX_PI_PD)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_R2(CICnr: BITSTRING) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ANM message with ATP containing a Low Layer Capability as test suite 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	P_UUInf_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
ATP	-		CHANGE /6/
ATP_BCAP	-		o
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	P_ATP_RS_3		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_R3(CICnr: BITSTRING; cpa_hlc1, cpa_hlc2: OCTETSTRING) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ANM message with ATP containing a High Layer Capability as 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	P_UUInf_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
ATP	-		CHANGE /6/
ATP_BCAP	-		o
ATP_PI	-		
ATP_HLC	P_ATP_R4(cpa_hlc1, cpa_hlc2)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_R4(CICnr: BITSTRING; cpa_bcap_l, cpa_bcap_v, cpa_tmu: OCTETSTRING) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ANM message with: -ATP containing a Bearer Capability as parameter -TMU as 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	P_UUInf_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
ATP	-		CHANGE /6/
ATP_BCAP	P_ATP_RS_1(cpa_bcap_l, cpa_bcap_v)		o
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_R1(cpa_tmu)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_R5(CICnr: BITSTRING; cpa_bcap_1, cpa_bcap_v: OCTETSTRING) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ANM message with an ATP containing a Bearer Capability as 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	P_UUInf_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
ATP	-		CHANGE /6/
ATP_BCAP	P_ATP_RS_1(cpa_bcap_1, cpa_bcap_v)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_R6(CICnr: BITSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ANM message with an ATP containing a High Layer Capability as test suite parameter and a Progress indicator as 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	P_UUInf_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
ATP	-		CHANGE /6/
ATP_BCAP	-		o
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	P_ATP_S3(cpa_pi_loc, cpa_pi_pd)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_R7(CICnr: BITSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ANM message with an ATP containing a Progress indicator as parameter and a High Layer Capability as test suite 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	P_UUInf_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
ATP	-		CHANGE /6/
ATP_BCAP	-		o
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	P_ATP_S4(cpa_pi_loc, cpa_pi_pd)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_R8(CICnr: BITSTRING) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ANM message without any HLC in his ATP			
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	-		CHANGE /6/
ATP_BCAP	*		O
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_R9(CICnr: BITSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER; cpa_bcap_l, cpa_bcap_v, cpa_tmu: OCTETSTRING)			
<b>PDU Type</b> : ANM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ANM message with -ATP containing a Progress indicator and a Bearer Capability as parameter -TMU as 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	P_UUInf_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
ATP	-		CHANGE /6/
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	P_ATP_RS_5(cpa_pi_loc, cpa_pi_pd, cpa_bcap_l, cpa_bcap_v)		
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_R1(cpa_tmu)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b>	: P_ANM_R10(CICnr: BITSTRING; cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER; cpa_tmu: OCTETSTRING)		
<b>PDU Type</b>	: ANM_PDU		
<b>Derivation Path</b>	:		
<b>Encoding Rule Name</b>	:		
<b>Encoding Variation</b>	:		
<b>Comments</b>	: ANM message with -ATP containing a Bearer Capability as parameter and a Progress indicator -TMU as 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	P_UUInf_R IF_PRESENT		
ConNb	P_ConNb_R IF_PRESENT		
ATP	-		CHANGE /6/
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	P_ATP_RS_6(cpa_bcap_l, cpa_bcap_v, cpa_pi_loc, cpa_pi_pd)		
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_R1(cpa_tmu)		
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	'00'0 IF_PRESENT		
<b>Detailed Comments :</b> @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_S(CiCnr: BITSTRING)			
<b>PDU Type</b> : ANM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> :			
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	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_S1(CICnr: BITSTRING) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Answer message with an ATP containing a Progress indicator as Test suite 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	-		
ConNb	-		
ATP	-		CHANGE /6/
ATP_BCAP	-		o
ATP_PI	P_ATP_RS_4(PX_PI_LOC,PX_PI_PD)		
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		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_S2(CICnr, cpa_cdpsi, cpa_isupi, cpa_isdnai: BITSTRING) <b>PDU Type</b> : ANM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ANM message with the following parameter: CPS ind: parameter ISUP ind: parameter ISDN access ind: 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	P_BCI_o_S1(cpa_cdpsi, cpa_isupi, cpa_isdnai)		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	-		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_S3(CICnr, cpa_cdpsi, cpa_isupi, cpa_isdnai: BITSTRING; cpa_tmu_value: OCTETSTRING)			
<b>PDU Type</b> : ANM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ANM message with the following parameter: CPS ind: parameter ISUP ind: parameter ISDN access ind: parameter			
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	'01'O		
BCI	P_BCI_o_S1(cpa_cdpsi, cpa_isupi, cpa_isdnai)		
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	P_TMU_S1(cpa_tmu_value)		
NtwFac	-		
RemOp	-		
RnNb	-		
ServAct	-		
EchoInf	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_S4(CICnr, cpa_cdpsi, cpa_isupi, cpa_isdnai: BITSTRING; cpa_bcap_length, cpa_bcap_value, cpa_tmu_value: OCTETSTRING)			
<b>PDU Type</b> : ANM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ANM message with the following parameter: CPS ind: parameter ISUP ind: parameter ISDN access ind: parameter ATP containing bearer capability: parameter TMU: 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	P_BCI_o_S1(cpa_cdpsi, cpa_isupi, cpa_isdnai)		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	-		
ConNb	-		
ATP	-		CHANGE /6/
ATP_BCAP	P_ATP_RS_1(cpa_bcap_length, cpa_bcap_value)		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
ADInf	-		
GenNot	-		
ParCmp	-		
CHInf	-		
GenNb	-		
TMU	P_TMU_S1(cpa_tmu_value)		
NtwFac	-		
RemOp	-		
RnNb	-		
ServAct	-		
EchoInf	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_S5(CICnr, cpa_cdpsi, cpa_isupi, cpa_isdnai: BITSTRING; cpa_bcap_length, cpa_bcap_value: OCTETSTRING)			
<b>PDU Type</b> : ANM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ANM message with the following parameter: CPS ind: parameter ISUP ind: parameter ISDN access ind: parameter ATP containing bearer capability: 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	P_BCI_o_S1(cpa_cdpsi, cpa_isupi, cpa_isdnai)		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	-		
ConNb	-		
ATP	-		CHANGE /6/
ATP_BCAP	P_ATP_RS_1(cpa_bcap_length, cpa_bcap_value)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_S6(CICnr, cpa_cdpsi, cpa_isupi, cpa_isdnai: BITSTRING)			
<b>PDU Type</b> : ANM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ANM message with the following parameter: CPS ind: parameter ISUP ind: parameter ISDN access ind: parameter ATP containing HLC as test suite parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /6/
CICode	P_CIC_R_S(CICnr)		
MType	MT_ANM		
opt_part_ptr	'01'O		
BCI	P_BCI_o_S1(cpa_cdpsi, cpa_isupi, cpa_isdnai)		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	-		
ConNb	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	P_ATP_RS_2		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_S7(CICnr, cpa_cdpsi, cpa_isupi, cpa_isdnai: BITSTRING)			
<b>PDU Type</b> : ANM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ANM message with the following parameter: CPS ind: parameter ISUP ind: parameter ISDN access ind: parameter ATP containing HLC: test suite parameter and a Progress Indicator: test suite parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /6/
CICode	P_CIC_R_S(CICnr)		
MType	MT_ANM		
opt_part_ptr	'01'O		
BCI	P_BCI_o_S1(cpa_cdpsi, cpa_isupi, cpa_isdnai)		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	-		
ConNb	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	P_ATP_S1		
ADInf	-		
GenNot	-		
ParCmp	-		
CHInf	-		
GenNb	-		
TMU	-		
NtwFac	-		
RemOp	-		
RnNb	-		
ServAct	-		
EchoInf	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_S8(CICnr: BITSTRING)			
<b>PDU Type</b> : ANM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ANM message with ATP containing a LLC			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /6/
CICode	P_CIC_R_S(CICnr)		
MType	MT_ANM		
opt_part_ptr	'01'O		
BCI	-		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	-		
ConNb	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	P_ATP_RS_3		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
ADInf	-		
GenNot	-		
ParCmp	-		
CHInf	-		
GenNb	-		
TMU	-		
NtwFac	-		
RemOp	-		
RnNb	-		
ServAct	-		
EchoInf	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_ANM_S9(CICnr, cpa_cdpsi, cpa_isupi, cpa_isdnai: BITSTRING; cpa_bcap_length, cpa_bcap_value, cpa_tmu_value: OCTETSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER)			
<b>PDU Type</b> : ANM_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ANM message with the following parameter: CPS ind: parameter ISUP ind: parameter ISDN access ind: parameter ATP containing bearer capability: parameter TMU: 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	P_BCI_o_S1(cpa_cdpsi, cpa_isupi, cpa_isdnai)		
OBCI	-		
CRef	-		
UUInd	-		
UUInf	-		
ConNb	-		
ATP	-		CHANGE /6/
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	P_ATP_RS_5(cpa_pi_loc, cpa_pi_pd, cpa_bcap_length, cpa_bcap_value)		ATP containing a Bearer Capability and a Progress indicator
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
ADInf	-		
GenNot	-		
ParCmp	-		
CHInf	-		
GenNb	-		
TMU	P_TMU_S1(cpa_tmu_value)		
NtwFac	-		
RemOp	-		
RnNb	-		
ServAct	-		
EchoInf	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_BLA_R(CICnr: BITSTRING) <b>PDU Type</b> : BLA_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_BLA_S(CICnr: BITSTRING) <b>PDU Type</b> : BLA_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_BLO_R(CICnr: BITSTRING) <b>PDU Type</b> : BLO_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_BLO_S(CICnr: BITSTRING)			
<b>PDU Type</b> : BLO_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R(CICnr: BITSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
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		
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	-		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R1(CICnr: BITSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : P_CON_R. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CON message with the BCI encoded as followed: Interworking indicator: no interworking encountered ISUP indicator: ISUP used all the way ISDN access indicator: ISDN CPS indicator: subscriber free			
Field Name	Field Value	Field Encoding	Comments
BCI	P_BCI_m_R3		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R2(CICnr, cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CON message with ATP containing a Progress Indicator as 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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	-		
ATP_PI	P_ATP_RS_4(cpa_pi_loc, cpa_pi_pd)		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R3(CICnr: BITSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CON message with ATP containing a LLC as test suite 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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	P_ATP_RS_3		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R4(CICnr: BITSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CON message with ATP containing a HLC as test suite parameter(PX_HLC1)			
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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	P_ATP_RS_2		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R5(CICnr: BITSTRING; cpa_bcap_l, cpa_bcap_v, cpa_tmu: OCTETSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CON message with: -ATP containing a Bearer Capability as parameter -TMU as 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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	P_ATP_RS_1(cpa_bcap_l, cpa_bcap_v)		
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_R1(cpa_tmu)		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R6(CICnr: BITSTRING; cpa_bcap_1, cpa_bcap_v: OCTETSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CON message with an ATP containing a Bearer Capability as parameter and without TMU as 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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	P_ATP_RS_1(cpa_bcap_1, cpa_bcap_v)		
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	-		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R7(CICnr, cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CON message with an ATP containing a HLC(PXP_HLC1) and a Progress Indicator as 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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	P_ATP_R2(cpa_pi_loc, cpa_pi_pd)		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R8(CICnr, cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CON message with an ATP containing a Progress Indicator as parameter and a HLC as test suite parameter(PXP_HLC1)			
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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	P_ATP_R1(cpa_pi_loc, cpa_pi_pd)		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R9(CICnr: BITSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CON message without any HLC in his ATP			
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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	*		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R10(CICnr: BITSTRING; cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER; cpa_tmu: OCTETSTRING)			
<b>PDU Type</b> : CON_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : CON message with: -ATP containing a Bearer Capability and a Progress Indicator as parameter -TMU as 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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	P_ATP_RS_6(cpa_bcap_l, cpa_bcap_v, cpa_pi_loc, cpa_pi_pd)		
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_R1(cpa_tmu)		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_R11(CICnr, cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER; cpa_bcap_l, cpa_bcap_v, cpa_tmu: OCTETSTRING)			
<b>PDU Type</b> : CON_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : CON message with: -ATP containing a Progress Indicator as parameter and a Bearer Capability -TMU as 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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	P_ATP_RS_5(cpa_pi_loc, cpa_pi_pd, cpa_bcap_l, cpa_bcap_v)		
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_R1(cpa_tmu)		
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 IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_S1(CICnr: BITSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_S2(CICnr, cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect message with CPS indicator: "subscriber free" ISDN acces: "ISDN" ATP with Progress Indicator			
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	-		
UUInf	-		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	-		
ATP_PI	P_ATP_RS_4(cpa_pi_loc, cpa_pi_pd)		
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		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_S3(CICnr: BITSTRING; cpa_bcap_length, cpa_bcap_value:OCTETSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect message with ATP containing a Bearer Capability as parameter without any TMU			
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	-		
UUInf	-		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	P_ATP_RS_1(cpa_bcap_length, cpa_bcap_value)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_S4(CICnr: BITSTRING; cpa_bcap_length, cpa_bcap_value, cpa_tmu_value: OCTETSTRING)			
<b>PDU Type</b> : CON_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Connect message with ATP containing a Bearer Capability as parameter with a TMU			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /16/ 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	-		
ATP	-		
ATP_BCAP	P_ATP_RS_1(cpa_bcap_length, cpa_bcap_value)		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
NtwFac	-		
GenNot	-		
RemOp	-		
TMU	P_TMU_S1(cpa_tmu_value)		
EchoInf	-		
ADInf	-		
CHInf	-		
ParCmp	-		
RnNb	-		
ServAct	-		
GenNb	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_S5(CICnr: BITSTRING; cpa_tmu_value: OCTETSTRING)			
<b>PDU Type</b> : CON_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Connect message with a TMU 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_CON		
BCI	P_BCI_m_S2('01'B,'1'B,'1'B)		
opt_part_ptr	'01'O		
OBCI	-		
ConNb	-		
CRef	-		
UUInd	-		
UUInf	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
NtwFac	-		
GenNot	-		
RemOp	-		
TMU	P_TMU_S1(cpa_tmu_value)		
EchoInf	-		
ADInf	-		
CHInf	-		
ParCmp	-		
RnNb	-		
ServAct	-		
GenNb	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_S6(CICnr: BITSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect message with an ATP containing a High Layer Capabily as Test Suite 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	-		
UUInf	-		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	P_ATP_RS_2		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_S7(CICnr: BITSTRING)			
<b>PDU Type</b> : CON_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : CON message with ATP containing: High layer compatibility as test suite parameter Progress Indicator with value(#5)			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CHANGE /16/ 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	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	P_ATP_S1		
NtwFac	-		
GenNot	-		
RemOp	-		
TMU	-		
EchoInf	-		
ADInf	-		
CHInf	-		
ParCmp	-		
RnNb	-		
ServAct	-		
GenNb	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_S8(CICnr: BITSTRING) <b>PDU Type</b> : CON_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect message with an ATP containing a Low Layer Capabily as Test Suite 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	-		
UUInf	-		
ATP	-		CHANGE /16/ TJS
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	P_ATP_RS_3		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
NtwFac	-		
GenNot	-		
RemOp	-		
TMU	-		
EchoInf	-		
ADInf	-		
CHInf	-		
ParCmp	-		
RnNb	-		
ServAct	-		
GenNb	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CON_S9(CICnr: BITSTRING; cpa_bcap_length, cpa_bcap_value, cpa_tmu_value: OCTETSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER)			
<b>PDU Type</b> : CON_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Connect message with an ATP containing a Bearer Capabily and a Progress Indicator as 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	-		
UUInf	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	P_ATP_RS_6(cpa_bcap_length, cpa_bcap_value, cpa_pi_loc, cpa_pi_pd)		
ATP_PIHLC	-		
ATP_HLCPI	-		
NtwFac	-		
GenNot	-		
RemOp	-		
TMU	P_TMU_S1(cpa_tmu_value)		
EchoInf	-		
ADInf	-		
CHInf	-		
ParCmp	-		
RnNb	-		
ServAct	-		
GenNb	-		
RnNbRes	-		
NatPar	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_COT_S(CICnr: BITSTRING) <b>PDU Type</b> : COT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Continuity message with continuity indicator set to "continuity check successfull"			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	'00000101'B		
Spare	'0000000'B		
ContInd	'1'B		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CGB_S(CICnr: BITSTRING) <b>PDU Type</b> : CGB_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Circuit Group Blocking message			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	'00011000'B		
CICGrp	P_CICGrp_S		
var_part_ptr	'01'O		
RngSts	P_RngSts_CGB_R_S		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CGBA_R(CICnr: BITSTRING) <b>PDU Type</b> : CGBA_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Circuit Group Blocking Acknowledge message			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	'00011010'B		
CICGrp	P_CICGrp_R		
var_part_ptr	'01'O		
RngSts	P_RngSts_R		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_R1(CICnr: BITSTRING; cpa_eventi:INTEGER) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_R2(CICnr, cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPG containing a Progress Indicator 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_R IF_PRESENT		
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	-		CHANGE /4/
ATP_BCAP	-		
ATP_PI	P_ATP_RS_4(cpa_pi_loc, cpa_pi_pd)		
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		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_R3(CICnr: BITSTRING; cpa_eventi:INTEGER; cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPG with: - event information as parameter - ATP containing a Progress Indicator			
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	-		
ATP_BCAP	-		
ATP_PI	P_ATP_RS_4(cpa_pi_loc, cpa_pi_pd)		
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		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_R4(CICnr, cpa_obci: BITSTRING; cpa_eventi: INTEGER) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPG message with: - event information as parameter - OBCI 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_R1(cpa_obci) IF_PRESENT		CHANGE /36/ TJS
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		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_R5(CICnr:BITSTRING; cpa_eventi: INTEGER; cpa_bcap_l, cpa_bcap_v, cpa_tmu: OCTETSTRING)			
<b>PDU Type</b> : CPG_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : CPG message with: -Event Indicator as parameter -ATP containig a Progress Indicator:(#5) and a Bearer Capability 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	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	P_ATP_RS_5('0000'B,5, cpa_bc ap_l, cpa_bcap_v)		
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		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
TMU	P_TMU_R1(cpa_tmu)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_R6(CICnr:BITSTRING; cpa_eventi: INTEGER; cpa_bcap_l, cpa_bcap_v, cpa_tmu: OCTETSTRING) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPG with: -Event Indicator as parameter -ATP containing a Bearer Capability as parameter and a Progress Indicator:(#5)			
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	-		CHANGE /4/
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	P_ATP_RS_6(cpa_bcap_l, cpa_bcap_v, '0000'B, 5)		
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		
NtwFac	P_NtwFac_R IF_PRESENT		@
RemOp	P_RemOp_R IF_PRESENT		@
TMU	P_TMU_R1(cpa_tmu)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_R7(CICnr: BITSTRING;cpa_eventi: INTEGER; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPG message with -Event ind: parameter -ATP containing a HLC(PXP_HLC2) and a Progress Indicator 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	-		CHANGE /4/
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	P_ATP_S3(cpa_pi_loc, cpa_pi_pd)		
UUInd	P_UUInd_R IF_PRESENT		
RnNb	P_RnNb_R IF_PRESENT		
UUInf	P_UUInf_R IF_PRESENT		
GenNot	P_GenNot_R IF_PRESENT		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_R8(CICnr: BITSTRING; cpa_eventi: INTEGER; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPG message with -Event ind: parameter -ATP containing a Progress Indicator as parameter and a HLC(PXP_HLC2)			
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	-		CHANGE /4/
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	P_ATP_S4(cpa_pi_loc, cpa_pi_pd)		
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		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_S(CICnr: BITSTRING; cpa_eventi: INTEGER)			
<b>PDU Type</b> : CPG_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : 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	-		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_S1(CICnr: BITSTRING; cpa_eventi: INTEGER;cpa_cdpsi, cpa_isupi, cpa_isdnai, cpa_obci: BITSTRING)			
<b>PDU Type</b> : CPG_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : CPG with: -event information parameter event indication as parameter -backward call indicator 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(cpa_eventi)		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	P_BCI_o_S1 (cpa_cdpsi, cpa_isupi, cpa_isdnai)		
OBCI	P_OBCI_S(cpa_obci)		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_S2(CICnr: BITSTRING; cpa_eventi: INTEGER; cpa_tmu_value: OCTETSTRING) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPG with: -event information parameter event as parameter -Transmission medium used parameter 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(cpa_eventi)		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	P_BCI_o_S1('00'B,'1'B,'1'B)		CPS: "no indication" ISUP ind: "ISUP is used all the way" ISDN acces ind: "ISDN"
OBCI	P_OBCI_S('0'B)		OBCI inband inf: no
ATP	-		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
NtwFac	-		
RemOp	-		
TMU	P_TMU_S1(cpa_tmu_value)		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_S3(CICnr: BITSTRING; cpa_eventi: INTEGER; cpa_tmu_value: OCTETSTRING; cpa_bcap_length, cpa_bcap_value: OCTETSTRING)			
<b>PDU Type</b> : CPG_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : CPG message with the following parameter: Event indicator: parameter CPS ind: "no indication" ISUP ind: "ISUP is used all the way" ISDN access ind: "ISDN" OBCI inband inf: "no" ATP:containing Bearer Capability TMU: parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		CPS: "no indication" ISUP ind: "ISUP is used all the way" ISDN acces ind: "ISDN" OBCI inband inf: no CHANGE /4/
CICode	P_CIC_R_S(CICnr)		
MType	MT_CPG		
EvInf	P_EvInf_S(cpa_eventi)		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	P_BCI_o_S1 ( '00'B, '1'B, '1'B)		
OBCI	P_OBCI_S('0'B)		
ATP	-		
ATP_BCAP	P_ATP_RS_1(cpa_bcap_length, cpa_bcap_value)		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
NtwFac	-		
RemOp	-		
TMU	P_TMU_S1(cpa_tmu_value)		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_S4(CICnr: BITSTRING; cpa_eventi: INTEGER) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPG message with the following parameter: CPS ind: "no indication" ISUP ind: "ISUP is used all the way" ISDN access ind: "ISDN" OBCI inband inf: "no" ATP: containing a HLC as test suite 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(cpa_eventi)		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	P_BCI_o_S1('00'B,'1'B,'1'B)		
OBCI	P_OBCI_S('0'B)		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	P_ATP_S3('0010'B,5)		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> : CPS: "no indication" ISUP ind: "ISUP is used all the way" ISDN acces ind: "ISDN" OBCI inband inf: no CHANGE /4/			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_S5(CICnr: BITSTRING; cpa_eventi: INTEGER)			
<b>PDU Type</b> : CPG_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : CPG with: -event information parameter event indication as parameter -cause indicator as test suite 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	'01'O		
Cause	P_Cause_o_S1		
CRef	-		
BCI	-		
OBCI	-		
ATP	-		
ATP_BCAP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_S6(CICnr: BITSTRING; cpa_eventi: INTEGER) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPG with: - event information parameter event as parameter - cause as test suite parameter - BCI 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(cpa_eventi)		
opt_part_ptr	'01'O		
Cause	P_Cause_o_S1		
CRef	-		
BCI	P_BCI_o_S1 ( '00'B, '1'B, '1'B)		CPS: "no indication" ISUP ind: "ISUP is used all the way" ISDN acces ind: "ISDN" OBCI inband inf: yes
OBCI	P_OBCI_S('1'B)		
ATP	-		
ATP_BCAP	-		CHANGE /9/ TJS
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_CPG_S7(CICnr,cpa_atp_pi_loc: BITSTRING; cap_atp_pi_pd,cpa_eventi:INTEGER) <b>PDU Type</b> : CPG_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CPG message with the following parameter: CPS ind: parameter ISUP ind: ISUP is used all the way ISDN access ind: ISDN OBCI inband inf: no ATP containing a progress indicator			
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(cpa_eventi)		
opt_part_ptr	'01'O		
Cause	-		
CRef	-		
BCI	P_BCI_o_S1 ( '00'B, '1'B, '1'B)		CPS: "no indication" ISUP ind: "ISUP is used all the way" ISDN acces ind: "ISDN"
OBCI	P_OBCI_S( '0'B)		OBCI inband inf: no
ATP	-		CHANGE /4/
ATP_BCAP	-		
ATP_PI	P_ATP_RS_4(cpa_atp_pi_loc,c ap_atp_pi_pd)		
ATP_HLC	-		
ATP_LLC	-		
ATP_PIBC	-		
ATP_BCPI	-		
ATP_PIHLC	-		
ATP_HLCPI	-		
UUInd	-		
RnNb	-		
UUInf	-		
GenNot	-		
NtwFac	-		
RemOp	-		
TMU	-		
ADInf	-		
ParCmp	-		
CDInf	-		
ServAct	-		
RnNbRes	-		
CCNRPos	-		
NatPar	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_GRS_S(CICnr: BITSTRING) <b>PDU Type</b> : GRS_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CiCode	P_CIC_R_S(CICnr)		
MType	MT_GRS		
var_part_ptr	'01'O		
RngSts	P_RngSts_GRS_R_S		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_GRA_R(CICnr: BITSTRING) <b>PDU Type</b> : GRA_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CiCode	P_CIC_R_S(CICnr)		
MType	'00101001'B		
var_part_ptr	'01'O		
RngSts	P_RngSts_R		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R1 <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : P_IAM_R. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
NatCon	P_NatCon_R1		@
FCI	P_FCI_R1		@
CgPC	P_CgPC_m_RS		@
<b>Detailed Comments</b> : @ All this Field have their own parameters define as PIXIT			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R2(cpa_tmr:OCTETSTRING) <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : TMR: 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	cpa_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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R3 <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : P_IAM_R. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message, with the complete called party number encoded as following: Internal network numbering not allowed Numbering plan indicator set to "ISDN(Telephony) numbering plan".			
Field Name	Field Value	Field Encoding	Comments
CdPN	P_CdPN_R1		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R4 <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : P_IAM_R. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message with the complete called party number with the address signal containing the called number information received in the SETUP.			
Field Name	Field Value	Field Encoding	Comments
CdPN	P_CdPN_R2		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R5(cpa_atp_pi_location:BITSTRING; cpa_atp_pi_pd:INTEGER) <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with an ATP message containing a progress indicator			
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	-		
ATP_PI	P_ATP_RS_4(cpa_atp_pi_location, cpa_atp_pi_pd)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R6(cpa_usi_length, cpa_usi_value: OCTETSTRING) <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message with the user information parameter transfer capability as paramater.			
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_R1(cpa_usi_length, cpa_usi_value)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R7( cpa_usip_length,cpa_usip_value: OCTETSTRING) <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message with user information transfer prime parameter as paramater			
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_R1(cpa_usip_length, cpa_usip_value)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R8_1( cpa_hlc1, cpa_hlcv:OCTETSTRING) <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message with User Teleservice information parameter as test suite paramaters.			
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_R7(cpa_hlc1, cpa_hlcv)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R8_2( cpa_hlc1, cpa_hlcv:OCTETSTRING) <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message with User Teleservice information parameter as test suite paramaters.			
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_R7(cpa_hlc1, cpa_hlcv)		
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_R1		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R9(cpa_tmpr_value:OCTETSTRING) <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message with the Transmission medium requirement prime parameter as paramater.			
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_R1(cpa_tmpr_value)		
LocNb	P_LocNb_R IF_PRESENT		
CCSScall	P_CCSScall_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
Unknown	-		
EndOP	'00'O IF_PRESENT		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R10 <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with the end of pulsing signal indication 'ST'			
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_R3		CDpN with the end of pulsing signal indication 'ST'
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R1( cpa_tmr:OCTETSTRING; cpa_usi_length, cpa_usi_value:OCTETSTRING) <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message with the Transmission medium requirement with the encoding corresponding to "cpa_tmr", the User information parameter set to P_USI_R1 and including no Transmission medium requirement prime parameter and no User information prime 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	cpa_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_R1(cpa_usi_length, cpa_usi_value)		
UUInd	P_UUInd_R IF_PRESENT		
GenNb	P_GenNb_R IF_PRESENT		
PDC	P_PDC_R IF_PRESENT		
USIp	-		
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	-		
LocNb	P_LocNb_R IF_PRESENT		
CCSScall	P_CCSScall_R IF_PRESENT		
NatPar	P_National_R IF_PRESENT		
Unknown	-		
EndOP	'00'O IF_PRESENT		

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PDU Constraint Declaration
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<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.
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PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R12 <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with the address signal of the called party number not set to "ST"			
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_R4		CDpN without the end of pulsing signal indication 'ST'
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R13(cpa_hlci: INTEGER) <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message with an ATP containing: - HLC with High layer characteristics identification as parameter - BC with don't care value			
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	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
ATP_HLC_BC	P_ATP_R5(cpa_hlci)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R14 <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message with an ATP containing a Low Layer Compatibility as test suite 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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	P_ATP_RS_3		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R15 <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with CGPN as test suite 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_R1(PXP_CGPN_V)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_R16(cpa_hlci: INTEGER) <b>PDU Type</b> : IAM_PDU_R <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM message with an ATP containing: -BC with don't care value -HLC with High layer characteristics identification as 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		
UUInf	P_UUInf_R IF_PRESENT		
ATP	-		
ATP_PI	-		
ATP_HLC	-		
ATP_LLC	-		
ATP_2HLC	-		
ATP_HLC_BC	-		
ATP_BC_HLC	P_ATP_R6(cpa_hlci)		
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with called party number containing the complete digits and with 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(PXP_CDPNL_NO_ST_S)+2),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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S0 <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with called party number containing the complete digits and with 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(PXP_CDPNL_ST_S)+2),1)		
CdPN	P_CdPN_S(PXP_CDPNL_ST_S,PXP_CDPNV_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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S1 <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with called party number containing some digits and without the end of pulsing '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(PXP_CDPNL_OVERL1_S)+2),1)		
CdPN	P_CdPN_S(PXP_CDPNL_OVERL1_S, PXP_CDPNV_OVERL1_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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S2(cpa_cntchi: BITSTRING) <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: -called party number containing the complete digits and with the end of pulsing signal 'ST' -the nature of connection indicator as 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(cpa_cntchi)		
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(PXP_CDPNL_NO_ST_S)+2),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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S3(cpa_tmr:OCTETSTRING) <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: -called party number containing the complete digits and with the end of pulsing signal 'ST' -TMR as 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	cpa_tmr		
var_part_ptr	'02'O		
opt_part_ptr	INT_TO_OCTET((OCTET_TO_INT(PXP_CDPNL_NO_ST_S)+2),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		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S4(cpa_usi_l,cpa_usi_v: OCTETSTRING) <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: -called party number containing the complete digits and the end of pulsing signal 'ST' -USI 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(PXP_CDPNL_NO_ST_S)+2),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	P_USI_S(cpa_usi_l,cpa_usi_v )		
UUInd	-		
GenNb	-		
PDC	-		
USIp	-		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S5(cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v:OCTETSTRING) <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: -called party number containing the complete digits and the end of pulsing signal 'ST' -USI parameter -USI prime 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(PXP_CDPNL_NO_ST_S)+2),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	P_USI_S(cpa_usi_l, cpa_usi_v)		
UUInd	-		
GenNb	-		
PDC	-		
USIp	P_USIp_S(cpa_usip_l, cpa_usip_v)		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S6(cpa_isupi, cpa_isdnai: BITSTRING) <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: -called party number containing the complete digits and with the end of pulsing signal 'ST' -forward call indicator as 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(cpa_isupi, cpa_isdnai)		
CgPC	P_CgPC_m_RS		
TMR	PXP_TMR		
var_part_ptr	'02'O		
opt_part_ptr	INT_TO_OCTET((OCTET_TO_INT(PXP_CDPNL_NO_ST_S)+2),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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S7(cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: - called party number containing the complete digits and with the end of pulsing signal 'ST' - ATP containing a Progress Indicator.			
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(PXP_CDPNL_NO_ST_S)+2),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	P_ATP_RS_4(cpa_pi_loc, cpa_pi_pd)		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S8 <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: -called party number containing the complete digits and with the end of pulsing signal 'ST' - ATP containing a LLC.			
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(PXP_CDPNL_NO_ST_S)+2),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	P_ATP_RS_3		
ATP_2HLC	-		
USI	-		
UUInd	-		
GenNb	-		
PDC	-		
USIp	-		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S9 <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: -called party number containing the complete digits and with the end of pulsing signal 'ST' -ATP containing a HLC.			
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(PXP_CDPNL_NO_ST_S)+2),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	P_ATP_RS_2		
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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S10 <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: -called party number containing the complete digits and with the end of pulsing signal 'ST' -ATP containing two HLC.			
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(PXP_CDPNL_NO_ST_S)+2),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	P_ATP_S2		
USI	-		
UUInd	-		
GenNb	-		
PDC	-		
USIp	-		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S11(cpa_tmr, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmpr: OCTETSTRING) <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: - called party number containing the complete digits and the end of pulsing signal 'ST' - TMR and TMR prime parameter - USI parameter and an USI prime 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	cpa_tmr		
var_part_ptr	'02'O		
opt_part_ptr	INT_TO_OCTET((OCTET_TO_INT( PXP_CDPNL_NO_ST_S)+2),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	P_USI_S(cpa_usi_l, cpa_usi_v )		
UUInd	-		
GenNb	-		
PDC	-		
USIp	P_USIp_S(cpa_usip_l, cpa_usi p_v)		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	P_TMRp_S(cpa_tmpr)		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		

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PDU Constraint Declaration
<b>Detailed Comments :</b>

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S12 <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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(PXP_CDPNL_NO_ST_S)+2),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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S13 <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: -called party number containing the complete digits and without the end of pulsing signal 'ST' -ATP containing two HLC.			
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(PXP_CDPNL_NO_ST_S)+2),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	P_ATP_S2		
USI	-		
UUInd	-		
GenNb	-		
PDC	-		
USIp	-		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_IAM_S14(cpa_usi_l, cpa_usi_v: OCTETSTRING) <b>PDU Type</b> : IAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : IAM with: - called party number for automatic sending of ACM - USI 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(PXP_CDPNL_NO_ST_S)+2), 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	P_USI_S(cpa_usi_l, cpa_usi_v)		
UUInd	-		
GenNb	-		
PDC	-		
USIp	-		
NtwFac	-		
GenDig	-		
OriISC	-		
UTI	-		
RemOp	-		
ParCmp	-		
GenNot	-		
ServAct	-		
GenRef	-		
MLPPpre	-		
TMRp	-		
LocNb	-		
CCSScall	-		
Unknown	-		
EndOP	'00'O		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_REL_R (CICnr: BITSTRING) <b>PDU Type</b> : REL_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
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		
<b>Detailed Comments</b> : @: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_REL_R2(CICnr: BITSTRING) <b>PDU Type</b> : REL_PDU <b>Derivation Path</b> : P_REL_R. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Relase message with the same cause parameter as in the ISDN message and a ATP containing the same Progress indicator as in the ISDN part			
Field Name	Field Value	Field Encoding	Comments
var_part_ptr	'02'O		
opt_part_ptr	?		
Cause	P_Cause_m_R2		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_REL_R3(CICnr: BITSTRING; cpa_cau_val: INTEGER) <b>PDU Type</b> : REL_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_REL_S(CICnr: BITSTRING) <b>PDU Type</b> : REL_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
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	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_REL_S1(CICnr, cpa_cau_loc, cpa_cau_val: BITSTRING) <b>PDU Type</b> : REL_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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_S2(cpa_cau_loc, cpa_cau_val)		
RnInf	-		
RnNb	-		
ATP	-		
ATP_PI	-		
SPC	-		
UUInf	-		
ACL	-		
NtwFac	-		
ADInf	-		
ParCmp	-		
RnNbRes	-		
UUInd	-		
NatPar	-		
Unknown	-		
EndOP	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_RES_S(CICnr: BITSTRING) <b>PDU Type</b> : RES_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	'00001110'B		
SusRes	P_SusRes_Ntw_Init_R_S		
opt_part_ptr	'00'O		
CRef	-		
EndOP	-		
<b>Detailed Comments</b> :			



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

PDU Constraint Declaration			
<b>Constraint Name</b> : P_RLC_S (CICnr: BITSTRING) <b>PDU Type</b> : RLC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
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'O		
Cause	-		
Unknown	-		
EndOP	-		
<b>Detailed Comments</b> :			

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

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

PDU Constraint Declaration			
<b>Constraint Name</b> : P_SAM_R1(CICnr:BITSTRING) <b>PDU Type</b> : SAM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SAM with Adress Signal containing the end of pulsing signal 'ST'			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_SAM		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
SubNb	P_SubNb_R1		
EndOP	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_SAM_R2(CICnr:BITSTRING) <b>PDU Type</b> : SAM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SAM message, containing additional digit and without the end of pulsing signal 'ST'.			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_SAM		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
SubNb	P_SubNb_R2		
EndOP	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_SAM_R3(CICnr:BITSTRING; cpa_adsg:HEXSTRING) <b>PDU Type</b> : SAM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SAM message, containing additional digit as parameter			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_R		
CICode	P_CIC_R_S(CICnr)		
MType	MT_SAM		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
SubNb	P_SubNb_R3(cpa_adsg)		
EndOP	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_SAM_S(CICnr:BITSTRING; cpa_l,cpa_val: OCTETSTRING) <b>PDU Type</b> : SAM_PDU_S <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	MT_SAM		
var_part_ptr	'02'O		
opt_part_ptr	'00'O		
SubNb	P_SubNb_S(cpa_l,cpa_val)		
EndOP	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_SUS_S(CICnr: BITSTRING) <b>PDU Type</b> : SUS_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
RoutingLbl	P_Routing_label_S		
CICode	P_CIC_R_S(CICnr)		
MType	'00001101'B		
SusRes	P_SusRes_Ntw_Init_R_S		
opt_part_ptr	'00'O		
CRef	-		
EndOP	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_UBA_R(CICnr: BITSTRING) <b>PDU Type</b> : UBA_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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_UBA		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_UBA_S(CICnr: BITSTRING) <b>PDU Type</b> : UBA_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_UBL_R(CICnr: BITSTRING) <b>PDU Type</b> : UBL_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : P_UBL_S(CICnr: BITSTRING) <b>PDU Type</b> : UBL_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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_UBL		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : ALT_R(FLAG:INTEGER; CALL_REF:CALL_REF_TYPE) <b>PDU Type</b> : ALERTING_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
pd	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	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : ALT_R1(FLAG:INTEGER; CALL_REF:CALL_REF_TYPE; cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : ALERTING_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ALERTING message with location and parametrized constraint of the Progress Indicator are parameters			
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	PI_RS1(cpa_pi_loc,cpa_pi_pd)		
pi2	*		
noid	*		
dsp	*		
ronn	*		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : ALT_R3(FLAG:INTEGER; CALL_REF:CALL_REF_TYPE; cpa_bcap_l, cpa_bcap_v:OCTETSTRING)			
<b>PDU Type</b> : ALERTING_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with a Bearer Capability			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		Location: "Public network serving the local user" Progress Description: "Interworking has occurred and has resulted in a telecommunication service change(#5)"
cr	CR1(FLAG,CALL_REF)		
mt	MT_ALERTING		
bcap	BCAP_S2(cpa_bcap_l, cpa_bcap_v)		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIb_R1,PC_BASIC) IF_PRESENT		
fac	*		
pi1	PI_RS1('0010'B,5)		
pi2	-		
noid	*		
dsp	*		
ronn	*		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : ALT_R4(FLAG:INTEGER; CALL_REF:CALL_REF_TYPE)			
<b>PDU Type</b> : ALERTING_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : ALERTING message with: -progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) -HLC as test suite parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		Location: "Public network serving the local user" Progress Description: "Interworking has occurred and has resulted in a telecommunication service change(#5)"
cr	CR1(FLAG,CALL_REF)		
mt	MT_ALERTING		
bcap	*		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIp_R1,PC_BASIC) IF_PRESENT		
fac	*		
pi1	PI_RS1('0010'B,5)		
pi2	*		
noid	*		
dsp	*		
ronn	*		
hlc	HLC_RS1		
uui	*		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : ALT_R5(FLAG:INTEGER; CALL_REF:CALL_REF_TYPE) <b>PDU Type</b> : ALERTING_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Alerting message without any progress indicator			
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	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : ALT_R6(FLAG:INTEGER; CALL_REF:CALL_REF_TYPE; cpa_pi_loc1: BITSTRING; cpa_pi_pd1: INTEGER; cpa_pi_loc2: BITSTRING; cpa_pi_pd2: INTEGER) <b>PDU Type</b> : ALERTING_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ALERTING message with location and parametrized constraint of the Progress Indicator are parameters			
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	PI_RS1(cpa_pi_loc1,cpa_pi_p d1)		
pi2	PI_RS1(cpa_pi_loc2,cpa_pi_p d2)		
noid	*		
dsp	*		
ronn	*		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			

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

PDU Constraint Declaration			
<b>Constraint Name</b> : ALT_S2 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : ALERTING_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ALERTING message with Progress Indicator as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_ALERTING		
bcap	-		
efac	-		
chi	-		
fac	-		
pi1	PI_RS1 (cpa_pi_loc, cpa_pi_pd)		
pi2	-		
noid	-		
dsp	-		
ronn	-		
hlc	-		
uui	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : ALT_S3(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : ALERTING_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ALERTING message with: - Bearer Capability as parameter - Progress Indicator as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_ALERTING		
bcap	BCAP_R2(cpa_bcap_l, cpa_bcap_v)		
efac	-		
chi	-		
fac	-		
pi1	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
pi2	-		
noid	-		
dsp	-		
ronn	-		
hlc	-		
uui	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : ALT_S4(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : ALERTING_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : ALERTING message with: - Progress Indicator as parameter - HLC as test suite parameter(PX_HLC1)			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_ALERTING		
bcap	-		
efac	-		
chi	-		
fac	-		
pi1	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
pi2	-		
noid	-		
dsp	-		
ronn	-		
hlc	HLC_RS1		
uui	-		
<b>Detailed Comments</b> :			

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

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_R(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	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	*		
<b>Detailed Comments</b> : PDU with "don't care" values;			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_R1 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect message containing a Progress indicator as test suite parameter			
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	*		
pi	PI_RS1 (PX_PI_LOC, PX_PI_PD)		
noid	*		
dsp	*		
dati	*		
codn	*		
cods	*		
ronn	*		
llc	*		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_R2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect message containing a Progress indicator as parameter			
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	*		
pi	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
noid	*		
dsp	*		
dati	*		
codn	*		
cods	*		
ronn	*		
llc	*		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_R3(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER; cpa_bcap_l, cpa_bcap_v: OCTETSTRING)			
<b>PDU Type</b> : CONNECT_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Connect message containing a Progress indicator as parameter and a Bearer Capability as parameter too			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_CONNECT		
bcap	BCAP_R2(cpa_bcap_l, cpa_bcap_v)		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIP_R1, PC_BASIC) IF_PRESENT		
fac	*		
pi	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
noid	*		
dsp	*		
dati	*		
codn	*		
cods	*		
ronn	*		
llc	*		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_R4(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_bcap_1, cpa_bcap_v: OCTETSTRING) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect message containing a Bearer Capability as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_CONNECT		
bcap	BCAP_R2(cpa_bcap_1,cpa_bcap_v)		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIp_R1,PC_BASIC) IF_PRESENT		
fac	*		
pi	*		
noid	*		
dsp	*		
dati	*		
codn	*		
cods	*		
ronn	*		
llc	*		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : CN_R5(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_hlc1, cpa_hlcv: OCTETSTRING) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect message containing a HLC as parameter			
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	HLC_S3(cpa_hlc1, cpa_hlcv)		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_R6(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_hlc1, cpa_hlc2: OCTETSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER)			
<b>PDU Type</b> : CONNECT_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Connect message containing a HLC and a progress indicator as parameter			
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	*		
pi	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
noid	*		
dsp	*		
dati	*		
codn	*		
cods	*		
ronn	*		
llc	*		
hlc	HLC_S3(cpa_hlc1, cpa_hlc2)		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_R7(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect message containing no HLC			
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	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_R8(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Connect message containing no LLC			
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	*		
pi	*		
noid	*		
dsp	*		
dati	*		
codn	*		
cods	*		
ronn	*		
llc	LLC_RS1		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_S(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	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	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CONNECT message with Progress Indicator as test suite parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_CONNECT		
bcap	-		
efac	-		
chi	-		
fac	-		
pi	PI_S2		
noid	-		
dsp	-		
dati	-		
codn	-		
cods	-		
ronn	-		
llc	-		
hlc	-		
uui	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_S2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CONNECT message with Low Layer Capability as test suite parameter			
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	LLC_RS1		
hlc	-		
uui	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_S3(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CONNECT message with High Layer Capability as test suite parameter(PX_HLC2)			
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	HLC_RS2		
uui	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_S4(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_bcap_l, cap_bcap_v: OCTETSTRING) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CONNECT message with: - Bearer Capability - High Layer Capability as test suite parameter(PX_HLC2)			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG, CALL_REF)		
mt	MT_CONNECT		
bcap	BCAP_S2(cpa_bcap_l, cap_bcap_v)		
efac	-		
chi	-		
fac	-		
pi	-		
noid	-		
dsp	-		
dati	-		
codn	-		
cods	-		
ronn	-		
llc	-		
hlc	HLC_RS2		
uui	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_S5 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_bcap_1, cap_bcap_v: OCTETSTRING) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CONNECT message with Bearer Capability as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_CONNECT		
bcap	BCAP_S2 (cpa_bcap_1, cap_bcap_v)		
efac	-		
chi	-		
fac	-		
pi	-		
noid	-		
dsp	-		
dati	-		
codn	-		
cods	-		
ronn	-		
llc	-		
hlc	-		
uui	-		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : CN_S6(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CONNECT message with: - High Layer Capability as test suite parameter(PX_HLC1) - Progress Indicator as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_CONNECT		
bcap	-		
efac	-		
chi	-		
fac	-		
pi	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
noid	-		
dsp	-		
dati	-		
codn	-		
cods	-		
ronn	-		
llc	-		
hlc	HLC_RS1		
uui	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_S7(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CONNECT message with: - Bearer Capability as parameter - Progress Indicator as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG, CALL_REF)		
mt	MT_CONNECT		
bcap	BCAP_S2(cpa_bcap_l, cpa_bcap_v)		
efac	-		
chi	-		
fac	-		
pi	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
noid	-		
dsp	-		
dati	-		
codn	-		
cods	-		
ronn	-		
llc	-		
hlc	-		
uui	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CN_S8 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : CONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CONNECT message with High Layer Capability as test suite parameter(PX_HLC1)			
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	HLC_S3 (PX_HLCL1, PX_HLCV1)		
uui	-		
<b>Detailed Comments</b> :			

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

PDU Constraint Declaration			
<b>Constraint Name</b> : CP_S2 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : CALL_PROC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Call Proc with a Progress Indicator as parameter			
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	PI_RS1 (cpa_pi_loc, cpa_pi_pd)		
pi2	-		
noid	-		
dsp	-		
hlc	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CP_S3 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : CALL_PROC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CALL PROC message with Progres Indicator as parameter and with a HLC as test suite parameter(PX_HLC1)			
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	PI_RS1 (cpa_pi_loc, cpa_pi_pd)		
pi2	-		
noid	-		
dsp	-		
hlc	HLC_RS1		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CP_S4 (FLAG:INTEGER; CALL_REF: CALL_REF_TYPE; cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : CALL_PROC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CALL PROC mwith: - Bearer Capability as parameter - Progress Indicator as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_CALL_PROC		
bcap	BCAP_R2 (cpa_bcap_l, cpa_bcap_v)		
efac	-		
chi	-		
fac	-		
pi1	PI_RS1 (cpa_pi_loc, cpa_pi_pd)		
pi2	-		
noid	-		
dsp	-		
hlc	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CP_R1 (FLAG:INTEGER; CALL_REF:CALL_REF_TYPE) <b>PDU Type</b> : CALL_PROC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> :			
Field Name	Field Value	Field Encoding	Comments
pd	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	*		
pi1	*		
pi2	*		
noid	*		
dsp	*		
hlc	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CP_R2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : CALL_PROC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CALL PROC. with Progress Indicator as parameter			
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	*		
pi1	PI_RS1(cpa_pi_loc,cpa_pi_pd)		
pi2	*		
noid	*		
dsp	*		
hlc	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CP_R3(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc1:BITSTRING; cpa_pi_pd1:INTEGER;cpa_pi_loc2:BITSTRING; cpa_pi_pd2:INTEGER) <b>PDU Type</b> : CALL_PROC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CALL PROC with two Progress Indicator PI1 and PI2 as parameters			
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	*		
pi1	PI_RS1(cpa_pi_loc1,cpa_pi_pd1)		
pi2	PI_RS1(cpa_pi_loc2,cpa_pi_pd2)		
noid	*		
dsp	*		
hlc	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CP_R4(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : CALL_PROC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CALL PROC. with: - Bearer Capability as parameter - Progress Indicator as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_CALL_PROC		
bcap	BCAP_R2(cpa_bcap_l, cpa_bcap_v)		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) IF_PRESENT		
fac	*		
pi1	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
pi2	*		
noid	*		
dsp	*		
hlc	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : CP_R5(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : CALL_PROC_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : CALL PROC. with: - Progress Indicator as parameter - HLC as a test suite parameter(PX_HLCV1)			
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	*		
pi1	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
pi2	*		
noid	*		
dsp	*		
hlc	HLC_RS1		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : DI_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)			
<b>PDU Type</b> : DISCONNECT_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : DISCONNECT message with a cause parameter containing a cause value and a cause location as test suite parameter			
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_S2(PX_CAU_LOC_ISDN,PX_CAU_VAL_ISDN)		
efac	-		
fac	-		
pi	-		
noid	-		
dsp	-		
uui	-		
<b>Detailed Comments</b> :			

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



PDU Constraint Declaration			
<b>Constraint Name</b> : DI_R2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : DISCONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : DISCONNECT message with -cause as test suite parameter -Progress Indicator set "In-band information or appropriate pattern now available (#8)			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_R2(PX_CAU_LOC_ISDN,PX_CAU_VAL_ISDN)		cause as pixit parameter
efac	*		
fac	*		
pi	PI_RS1('0010'B,8)		PI.loc=Public Ntw serving local usr PI.pd="#8"
noid	*		
dsp	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : DI_R3(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : DISCONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : DISCONNECT message with a cause containing a cause value and a cause location as test suite parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_DISCONNECT		
cau	CAU_R2(PX_CAU_LOC_ISDN,PX_CAU_VAL_ISDN)		cause value as test suite parameter
efac	*		
fac	*		
pi	*		
noid	*		
dsp	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : DI_R4(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_cau_val: INTEGER) <b>PDU Type</b> : DISCONNECT_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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	*		
<b>Detailed Comments</b> :			

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

PDU Constraint Declaration			
<b>Constraint Name</b> : IN_R(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : INFORMATION_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : IN_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : INFORMATION_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Information message with a called party number containing don't care value but without sending complete information.			
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	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : IN_R2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : INFORMATION_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU. Information message with a called party number containing don't care value but with the sending complete information.			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_INFORMATION		
sci	SCI_VALUE		
cau	*		
efac	*		
fac	*		
noid	*		
dsp	*		
kpf	*		
cdpn	*		
ronn	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : IN_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : INFORMATION_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU . INFORMATION PDU containing the complete CDPN and the sending complete information element.			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_INFORMATION		
sci	SCI_VALUE		
cau	-		
efac	-		
fac	-		
noid	-		
dsp	-		
kpf	-		
cdpn	CDPN_S1		
ronn	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : IN_S2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; LCDPN, CDPN_ND, CDPN3: OCTETSTRING) <b>PDU Type</b> : INFORMATION_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : INFORMATION message with the called party information (parameter) and without the Sending complete information element.			
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	CDPN_S2 (LCDPN, CDPN_ND, CDPN3)		
ronn	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : IN_S3(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; LCDPN, CDPN_ND, CDPN3: OCTETSTRING) <b>PDU Type</b> : INFORMATION_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : INFORMATION message with the called party information (parameter) and with the Sending complete information element.			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_INFORMATION		
sci	SCI_VALUE		
cau	-		
efac	-		
fac	-		
noid	-		
dsp	-		
kpf	-		
cdpn	CDPN_S2 (LCDPN, CDPN_ND, CDPN3)		
ronn	-		
<b>Detailed Comments</b> :			

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

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

PDU Constraint Declaration			
<b>Constraint Name</b> : PG_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : PROGRESS_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : PROGRESS message with one progress indicator as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_PROGRESS		
bcap	*		
cau	*		
efac	*		
fac	*		
pi1	PI_RS1(cpa_pi_loc,cpa_pi_pd)		
pi2	-		
noid	*		
dsp	*		
ronn	*		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : PG_R2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc1:BITSTRING; cpa_pi_pd1:INTEGER; cpa_pi_loc2:BITSTRING; cpa_pi_pd2:INTEGER) <b>PDU Type</b> : PROGRESS_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : PROGRESS message with two progress indicator: pi1&pi2			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_PROGRESS		
bcap	*		
cau	*		
efac	*		
fac	*		
pi1	PI_RS1(cpa_pi_loc1,cpa_pi_pd1)		
pi2	PI_RS1(cpa_pi_loc2,cpa_pi_pd2)		
noid	*		
dsp	*		
ronn	*		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : PG_R3(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : PROGRESS_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : PROGRESS message with: -Progress Indicator as parameter -Bearer Capability as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_PROGRESS		
bcap	BCAP_R2(cpa_bcap_l, cpa_bcap_v)		
cau	*		
efac	*		
fac	*		
pi1	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
pi2	-		
noid	*		
dsp	*		
ronn	*		
hlc	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : PG_R4(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>PDU Type</b> : PROGRESS_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : PROGRESS message with: -Progress Indicator as parameter -High Layer Capability as test suite parameter(PX_HLC1)			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_PROGRESS		
bcap	*		
cau	*		
efac	*		
fac	*		
pi1	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
pi2	-		
noid	*		
dsp	*		
ronn	*		
hlc	HLC_RS1		
uui	*		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : PG_S (FLAG:INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : PROGRESS_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG,CALL_REF)		
mt	MT_PROGRESS		
bcap	-		
cau	-		
efac	-		
fac	-		
pi1	-		
pi2	-		
noid	-		
dsp	-		
ronn	-		
hlc	-		
uui	-		
<b>Detailed Comments</b> : PDU without mandatory progress description.			

PDU Constraint Declaration			
<b>Constraint Name</b> : PG_S1 (FLAG:INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : PROGRESS_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : PROGRESS with Progress Indicator as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG,CALL_REF)		
mt	MT_PROGRESS		
bcap	-		
cau	-		
efac	-		
fac	-		
pi1	PI_RS1 (cpa_pi_loc, cpa_pi_pd)		
pi2	-		
noid	-		
dsp	-		
ronn	-		
hlc	-		
uui	-		
<b>Detailed Comments</b> : PDU without optional information elements and parametrized progress description.			

PDU Constraint Declaration			
<b>Constraint Name</b> : PG_S2(FLAG:INTEGER; CALL_REF: CALL_REF_TYPE; cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : PROGRESS_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : PROGRESS with: - Bearer Capability as parameter - Progress Indicator as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_PROGRESS		
bcap	BCAP_R2(cpa_bcap_l, cpa_bcap_v)		
cau	-		
efac	-		
fac	-		
pi1	PI_RS1(cpa_pi_loc, cpa_pi_pd)		
pi2	-		
noid	-		
dsp	-		
ronn	-		
hlc	-		
uui	-		
<b>Detailed Comments</b> : PDU without optional information elements and parametrized progress description.			

PDU Constraint Declaration			
<b>Constraint Name</b> : PG_S4(FLAG:INTEGER; CALL_REF: CALL_REF_TYPE; cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_pi_loc1:BITSTRING; cpa_pi_pd1:INTEGER; cpa_pi_loc2:BITSTRING; cpa_pi_pd2:INTEGER)			
<b>PDU Type</b> : PROGRESS_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : PROGRESS with: - Bearer Capability as parameter - two Progress Indicator as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_PROGRESS		
bcap	BCAP_R2(cpa_bcap_l, cpa_bcap_v)		
cau	-		
efac	-		
fac	-		
pi1	PI_RS1(cpa_pi_loc1, cpa_pi_pd1)		
pi2	PI_RS1(cpa_pi_loc2, cpa_pi_pd2)		
noid	-		
dsp	-		
ronn	-		
hlc	-		
uui	-		
<b>Detailed Comments</b> : PDU without optional information elements and parametrized progress description.			

PDU Constraint Declaration			
<b>Constraint Name</b> : PG_S5(FLAG:INTEGER; CALL_REF: CALL_REF_TYPE; cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER) <b>PDU Type</b> : PROGRESS_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : PROGRESS message with -Progress Indicator as parameter -HLC as test suite parameter(PX_HLC1)			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_PROGRESS		
bcap	-		
cau	-		
efac	-		
fac	-		
pi1	PI_RS1(cpa_pi_loc,cpa_pi_pd)		
pi2	-		
noid	-		
dsp	-		
ronn	-		
hlc	HLC_RS1		
uui	-		
<b>Detailed Comments</b> : PDU without optional information elements and parametrized progress description.			

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

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

PDU Constraint Declaration			
<b>Constraint Name</b> : RC_S2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : RELEASE_COM_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Release Complete message with a cause parameter containing a cause value and a cause location as test suite parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE_COM		
cau	CAU_S2(PX_CAU_LOC_ISDN,PX_CAU_VAL_ISDN)		
efac	-		
fac	-		
noid	-		
dsp	-		
uui	-		
<b>Detailed Comments</b> : PDU without optional information elements.			

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

PDU Constraint Declaration			
<b>Constraint Name</b> : RL_R2 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : RELEASE_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Release message with a cause parameter containing a cause value and a cause location as test suite parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_RELEASE		
cau	CAU_S2 (PX_CAU_LOC_ISDN, PX_CAU_VAL_ISDN)		
efac	*		
fac	*		
noid	*		
dsp	*		
uui	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : RL_R3(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_cau_val: INTEGER) <b>PDU Type</b> : RELEASE_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE		
cau	CAU_R3(cpa_cau_val)		
efac	*		
fac	*		
noid	*		
dsp	*		
uui	*		
<b>Detailed Comments</b> : PDU with "don't care" values.			

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

PDU Constraint Declaration			
<b>Constraint Name</b> : RL_S2(FLAG:INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : RELEASE_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Release message with a cause parameter containing a cause value and a cause location as test suite parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_RELEASE		
cau	CAU_S2(PX_CAU_LOC_ISDN,PX_CAU_VAL_ISDN)		
efac	-		
fac	-		
noid	-		
dsp	-		
uui	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : RSA_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; BCH_RS: OCTETSTRING; LENGTH: BITSTRING; CLASS_VAL: INTEGER) <b>PDU Type</b> : RESTART_ACK_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	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)		
<b>Detailed Comments</b> : PDU without optional parameters; CHI mandatory if RI indicates "Indicated channels".			



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

PDU Constraint Declaration			
<b>Constraint Name</b> : RST_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CLASS_VAL: INTEGER) <b>PDU Type</b> : RESTART_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	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)		
<b>Detailed Comments</b> : PDU with "don't care" values; This PDU should only be received, if ri indicates "Indicated channels".			

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

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

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

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_R_BASE			
<b>PDU Type</b> : SETUP_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	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	*		
kpf	*		
cgpn	*		
cgps	*		
cdpn	*		
cdps	*		
rngn	*		
tns	*		
llc	*		
hlc	*		
hlc_2	*		
uui	*		
sci_2	*		
<b>Detailed Comments</b> : PDU with "don't care" values used as base constraint for all SETUP messages to be received.			

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

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_R2 <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : SU_R_BASE. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU. Set Up without sending complete			
Field Name	Field Value	Field Encoding	Comments
sci	-		
sci_2	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_R3(cpa_bcap_1, cap_bcap_v: OCTETSTRING) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SETUP containing one Bearer Capability as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR_R1		
mt	MT_SETUP		
sci	*		
bcap	BCAP_R2(cpa_bcap_1, cap_bcap_v)		
bcap_2s	-		
efac	*		
chi	ASSIGN_CHI(CHIb_R1, CHIp_R1, PC_BASIC)		
fac	*		
pi	*		
nsf	*		
noid	*		
dsp	*		
kpf	*		
cgpn	*		
cgps	*		
cdpn	*		
cdps	*		
rngn	*		
tns	*		
llc	*		
hlc	*		
hlc_2	*		
uui	*		
sci_2	*		
<b>Detailed Comments</b> : PDU with "don't care" values used as base constraint for all SETUP messages to be received.			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_R4(cpa_bcap_l1, cap_bcap_v1: OCTETSTRING; cpa_bcap_l2, cap_bcap_v2: OCTETSTRING) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SETUP containing two Bearer Capabilities			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR_R1		
mt	MT_SETUP		
sci	*		
bcap	BCAP_R2(cpa_bcap_l1, cap_bcap_v1)		
bcap_2s	BCAP_R2(cpa_bcap_l2, cap_bcap_v2)		CHANGE /2/ 9.3.99/TJS
efac	*		
chi	ASSIGN_CHI(CHIb_R1, CHIp_R1, PC_BASIC)		
fac	*		
pi	*		
nsf	*		
noid	*		
dsp	*		
kpf	*		
cgpn	*		
cgps	*		
cdpn	*		
cdps	*		
rngn	*		
tns	*		
llc	*		
hlc	*		
hlc_2	*		
uui	*		
sci_2	*		
<b>Detailed Comments</b> : PDU with "don't care" values used as base constraint for all SETUP messages to be received.			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_R5(cpa_pi_pd:INTEGER) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SETUP containing a Progress Indicator			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR_R1		
mt	MT_SETUP		
sci	*		
bcap	?		
bcap_2s	-		
efac	*		
chi	ASSIGN_CHI(CHIb_R1,CHIp_R1,PC_BASIC)		
fac	*		
pi	PI_R1(cpa_pi_pd)		
nsf	*		
noid	*		
dsp	*		
kpf	*		
cgn	*		
cgnp	*		
cdpn	*		
cdps	*		
rngn	*		
tns	*		
llc	*		
hlc	*		
hlc_2	*		
uui	*		
sci_2	*		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_R6 <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : SU_R_BASE. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU. Setup with a LLC as test suite parameter			
Field Name	Field Value	Field Encoding	Comments
llc	LLC_RS1		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_R7 <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : SU_R_BASE. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU. Setup with a HLC as test suite parameter			
Field Name	Field Value	Field Encoding	Comments
hlc	HLC_RS1		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_R8 <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : SU_R_BASE. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU. Setup with two HLCs as test suite parameters			
Field Name	Field Value	Field Encoding	Comments
hlc	HLC_RS1		
hlc_2	HLC_RS2		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	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	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	-		
uui	-		
sci_2	-		
<b>Detailed Comments</b> : 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			
<b>Constraint Name</b> : SU_S2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_SETUP		
sci	-		
bcap	BCAP_S1		
bcap_2s	-		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH),CHI p_S1(BCH),PC_BASIC)		
fac	-		
pi	-		
nsf	-		
noid	-		
dsp	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	-		
cdps	-		
rngn	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	-		
uui	-		
sci_2	-		
<b>Detailed Comments</b> : SETUP message without any called party information.			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S3(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; LCDPN, CDPN_ND, CDPN3: OCTETSTRING)			
<b>PDU Type</b> : SETUP_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : SETUP with Called Party nNumber as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_SETUP		
sci	-		
bcap	BCAP_S1		
bcap_2s	-		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH),CHI p_S1(BCH),PC_BASIC)		
fac	-		
pi	-		
nsf	-		
noid	-		
dsp	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	CDPN_S2 (LCDPN, CDPN_ND, CDPN3)		
cdps	-		
rngn	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	-		
uui	-		
sci_2	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S4(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; cpa_bcap_l, cap_bcap_v: OCTETSTRING) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : SETUP with Bearer Capability as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_SETUP		
sci	SCI_VALUE		
bcap	BCAP_S2(cpa_bcap_l, cap_bcap_v)		
bcap_2s	-		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH), CHI p_S1(BCH), PC_BASIC)		
fac	-		
pi	-		
nsf	-		
noid	-		
dsp	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	-		
uui	-		
sci_2	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S5(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; cpa_bcap_11, cpa_bcap_v1, cpa_bcap_12, cpa_bcap_v2: OCTETSTRING)			
<b>PDU Type</b> : SETUP_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : SETUP with two Bearer Capability as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_SETUP		
sci	SCI_VALUE		
bcap	BCAP_S2(cpa_bcap_11, cpa_bcap_v1)		
bcap_2s	BCAP_S2(cpa_bcap_12, cpa_bcap_v2)		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH),CHI p_S1(BCH),PC_BASIC)		
fac	-		
pi	-		
nsf	-		
noid	-		
dsp	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	-		
uui	-		
sci_2	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S6(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH,cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER)			
<b>PDU Type</b> : SETUP_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : Send Set Up with progress indicator as test suite parameter			
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	PI_RS1(cpa_pi_loc,cpa_pi_pd )		
nsf	-		
noid	-		
dsp	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
tns	-		
llc	-		
hlc	-		
hlc_2	-		
uui	-		
sci_2	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S7(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : 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 and a second HLC as Suite Parameter.			
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	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	HLC_RS2		
uui	-		
sci_2	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S8(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; cpa_bcap_l1, cpa_bcap_v1, cpa_bcap_l2, cpa_bcap_v2: OCTETSTRING)			
<b>PDU Type</b> : SETUP_PDU			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : SETUP with the complete number of digits, without the complete sending information, and with two Bearer Capability			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_SETUP		
sci	-		
bcap	BCAP_S2(cpa_bcap_l1,cpa_bcap_v1)		
bcap_2s	BCAP_S2(cpa_bcap_l2,cpa_bcap_v2)		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH),CHIP_S1(BCH),PC_BASIC)		
fac	-		
pi	-		
nsf	-		
noid	-		
dsp	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	CDPN_S2(PX_CDPN_L,PX_CDPN_ND,PX_CDPN_OCTET3)		CDPN with complete number digits
cdps	-		
rngn	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	-		
uui	-		
sci_2	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S9(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_hlci: INTEGER)			
<b>PDU Type</b> : SETUP_PDU1			
<b>Derivation Path</b> :			
<b>Encoding Rule Name</b> :			
<b>Encoding Variation</b> :			
<b>Comments</b> : SetUp message with: -Bearer Capability as parameter -High Layer Compatibility as parameter			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG, CALL_REF)		
mt	MT_SETUP		
sci	SCI_VALUE		
bcap	BCAP_S2(cpa_bcap_l, cpa_bcap_v)		
bcap_2s	-		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH), CHI p_S1(BCH), PC_BASIC)		
fac	-		
pi	-		
nsf	-		
noid	-		
dsp	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
tns	-		
llc	-		
hlc	HLC_S4(cpa_hlci)		
hlc_2	-		
uui	-		
sci_2	-		
<b>Detailed Comments</b> :			



PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S10(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Set Up message with a Low Layer Compatibility			
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	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	CDPN_S1		
cdps	-		
rngn	-		
tns	-		
llc	LLC_RS1		
hlc	-		
hlc_2	-		
uui	-		
sci_2	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S11(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : SU_S1. <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Set Up with calling party number			
Field Name	Field Value	Field Encoding	Comments
cgpn	CGPN_S1(PX_CGPN_L,PX_CGPN_V )		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SU_S13(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING) <b>PDU Type</b> : SETUP_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send SETUP with two High Layer Capability and a called party number that permit the SUT to be on the N2 state			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1(FLAG,CALL_REF)		
mt	MT_SETUP		
sci	-		
bcap	BCAP_S1		
bcap_2s	-		
efac	-		
chi	ASSIGN_CHI(CHIb_S1(BCH),CHI p_S1(BCH),PC_BASIC)		
fac	-		
pi	-		
nsf	-		
noid	-		
dsp	-		
kpf	-		
cgpn	-		
cgps	-		
cdpn	CDPN_S2( PX_LCDPN_OVERL_N21, PX_CDPN_OVERL_N21_ND, PX_CDPN_OCTET3)		
cdps	-		
rngn	-		
tns	-		
llc	-		
hlc	HLC_RS1		
hlc_2	HLC_RS2		
uui	-		
sci_2	-		
<b>Detailed Comments</b> :			

PDU Constraint Declaration			
<b>Constraint Name</b> : SUA_R1 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : SETUP_ACK_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Receive PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_SETUP_ACK		
efac	*		
chi	ASSIGN_CHI (CH1b_R1, CH1p_R1, PC_BASIC)		
fac	*		
pi	*		
noid	*		
dsp	*		
<b>Detailed Comments</b> : PDU with "don't care" values.			

PDU Constraint Declaration			
<b>Constraint Name</b> : SUA_S1 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE) <b>PDU Type</b> : SETUP_ACK_PDU <b>Derivation Path</b> : <b>Encoding Rule Name</b> : <b>Encoding Variation</b> : <b>Comments</b> : Send PDU			
Field Name	Field Value	Field Encoding	Comments
pd	PROTOCOL_DISCRIMINATOR_Q931		
cr	CR1 (FLAG, CALL_REF)		
mt	MT_SETUP_ACK		
efac	-		
chi	-		
fac	-		
pi	-		
noid	-		
dsp	-		
<b>Detailed Comments</b> : PDU with "don't care" values.			

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

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

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

# **IV**

## **Dynamic Part**

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : CRCT_UP <b>Group</b> : CIRCUIT_CONTROLLING/ <b>Purpose</b> : Needed to get used TSL to WO-EX state. Sends responses to UBL, BLO, GRS and RSC messages. <b>Configuration</b> : CONFIG1 <b>Default</b> : <b>Comments</b> : CHANGE(2) MHai					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1	L_1	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	
8		PTC_OUT			
9		CPA2!CP_M	RDY		
10		START TWAIT			
11		L2?P_PDUr START TAC	TrI(P_RSC_R(CIC_VAL))		
12		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
13		->L_1			
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		->L_1			
20		?TIMEOUT TWAIT			
		->L_1			
<b>Detailed Comments</b> : l- puuttuu viel GRA juttuja ja rangen kopiointia ja muita himmeleit					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : CRCT_RESET <b>Group</b> : CIRCUIT_CONTROLLING/ <b>Purpose</b> : <b>Configuration</b> : CONFIG1 <b>Default</b> : <b>Comments</b> : CHANGE(6) 25.9.1998 MHai					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC2:PTC_CRCT)			
2		CPA2?CP_M	RDY		
3		CPA2?CP_M	RDY		
4		?DONE(PTC2)			
5		PTC_CRCT			
6		L2!P_PDUs START TWAIT	TrR(P_BLO_S(PXP_CIC_S))		
		L2?P_PDUr CANCEL TWAIT	TrI(P_BLA_R(CIC_VAL))	(P)	
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101001 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with a Called party number information element providing the complete called party information and the sending complete indication, sends an IAM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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_S1(0,CREF,B_CHN))		
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)	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> : (1) Make PTC_Ready a test step! Local tree is used here to show you what's going on. (2) Use END_PTC1_2 from ISDN test suite instead of ?DONE. Expect Stop_PTC message in defaultss of PTCs. Release calls/links after receipt of Stop_PTC.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101002 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message without information in the Called party number information element, followed by INFORMATION messages providing the additional digits and the last INFORMATION message providing the sending complet information element. sends an IAM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1.1, Q.764 subclause 2.1,					
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_S2(0,CREF,B_CHN))		
12		L1?PDUr CANCEL TAC	Mr(SUA_R1(1,CREF))		
13		L1!PDUs START TAC	Ms(IN_S2(0,CREF,PX_LCDPN_OVERLAP1,PX_CDPN_OVERLAP1_ND,PX_CDPN_OCTET3))		
14		L1!PDUs	Ms(IN_S3(0,CREF,PX_LCDPN_OVERLAP2,PX_CDPN_OVERLAP2_ND,PX_CDPN_OCTET3))		
		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
15		+PTC1_SYNC_0			
16		+ PO_RR_1(0)			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_RR_1(0)			
20		?TIMEOUT TAC			
21		+PTC1_SYNC_0			
22		+ PO_RR_1(0)			
23		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		CPA2!CP_M START TWAIT	RDY		
26		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R)	(P)	
27		+PTC2_SYNC			
28		+ PO_SR_2			
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101003 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state, on receipt of a SETUP message without information in the called party number information element, followed by INFO messages providing the complete called party information, sends an IAM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1.3, Q.764 subclause 2.1,					
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_S2(0,CREF,B_CHN))		
12		L1?PDUr CANCEL TAC	Mr(SUA_R1(1,CREF))		
13		L1!PDUs START TAC	Ms(IN_S1(0,CREF))		
14		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
15		+PTC1_SYNC_0			
16		+ PO_RR_1(0)			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_RR_1(0)			
20		?TIMEOUT TAC			
21		+PTC1_SYNC_0			
22		+ PO_RR_1(0)			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2)			
24		CPA2!CP_M	RDY		
25		START TWAIT			
26		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R)	(P)	
27		+PTC2_SYNC			
28		+ PO_SR_2			
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC101004  
**Group** : DSS1\_ISUP/IAM/  
**Purpose** : Ensure that the SUT in the Idle state on receipt of a SETUP message with a Called party number information element, sends an IAM message, with the Forward Call Indicators (FCI) encoded as follows:  
Interworking indicator: "no interworking encountered"  
ISDN user part indicator: "ISDN user part used all the way"  
ISDN access indicator: "originating access ISDN"  
ISDN user part preference indicator: "ISDN user part preferred all the way"  
National/international call indicator set to FCI\_NI\_CALL\_IND  
End-to-end method available set to FCI\_EE\_METHOD  
End-to-End information indicator set to FCI\_EE\_INFO\_IND  
SCCP method indicator set to FCI\_SCCP\_IND and including the Calling party's category set to CGPG and the Nature of Connection Indicators (NCI) encoded as followed:  
Satellite indicator set to NCI\_SATE\_IND  
Continuity check indicator set to NCI\_CONT\_CHECK  
Echo control device indicator set to NCI\_ECHO\_CTRL\_IND  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.1,  
ETS 300 403 subclause 5.1,  
Q.764 subclause 2.1,

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)			
7		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1(0))			
9		+PR_N00_1			
10		CPA1!CP_M	RDY		
11		CPA1?CP_M	S_MSG		
12		L1!PDUs START TAC	Ms(SU_S1(0,CREF,B_CHN))		
13		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_RR_1(0)			
19		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		CPA2!CP_M START TWAIT	RDY		
22		L2?P_IAMr (CIC_VAL :=	IrI (P_IAM_R1)	(P)	
23		IAM_IND.isup_pdu.CICode.CIC)			
24		CANCEL TWAIT			
25		+PTC2_SYNC			
26		+ PO_SR_2			
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC			
29		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_01 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability set to "speech", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_02 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability set to "3.1kHz audio", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "3.1kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_03 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information" and the information transfer rate set to "64 kbits/s unrestricted", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "64 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDI_64KB,PX_BCAPV_UDI_64KB,'02'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_04 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information" and the information transfer rate set to "2*64 kbits/s unrestricted", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "2*64 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDI_2x64KB,PX_BCAPV_UDI_2x64KB,'07'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_05 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information" and the information transfer rate set to "384 kbits/s unrestricted", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "384 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDI_384KB,PX_BCAPV_UDI_384KB,'08'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_06 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information" and the information transfer rate set to "1536 kbits/s unrestricted", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "1536 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDI_1536KB,PX_BCAP V_UDI_1536KB,'09'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_07 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information" and the information transfer rate set to "1920 kbits/s unrestricted", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "1920 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDI_1920KB,PX_BCAP V_UDI_1920KB,'0A'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_08 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information" and the information transfer rate set to "multirate" and multiplier rate="6", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "384 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDI_MULT_6x64KB,PX_BCAPV_UDI_MULT_6x64KB,'08'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_09 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information" and the information transfer rate set to "multirate" and the multiplier rate="24", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "1536 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDI_MULT_24x64KB,PX_BCAPV_UDI_MULT_24x64KB,'09'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_10 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information" and the information transfer rate set to "multirate" and the multiplier rate="30", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "1920 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDI_MULT_30x64KB,PX_BCAPV_UDI_MULT_30x64KB,'0A'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_11 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information with tones/announcements" and the information transfer rate set to "64 kbits/s", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "64 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDITA_64KB,PX_BCAPV_UDITA_64KB,'02'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_12 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information with tones/announcements" and the information transfer rate set to "2x64 kbits/s ", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "2x64 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDITA_2x64KB,PX_BC APV_UDITA_2x64KB,'07'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_13 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information with tones/announcements" and the information transfer rate set to "384 kbits/s ", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "384 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDITA_384KB,PX_BCA PV_UDITA_384KB,'08'O)			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_14 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information with tones/announcements" and the information transfer rate set to "1536 kbits/s ", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "1536 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDITA_1536KB,PX_BC APV_UDITA_1536KB,'09'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_15 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information with tones/announcements" and the information transfer rate set to "1920 kbits/s ", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "1920 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDITA_1920KB,PX_BC APV_UDITA_1920KB,'0A'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_16 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information with tones/announcements" and the information transfer rate set to "multirate" and the rate multiplier="6", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "384 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDITA_M_6x64KB,PX_BCAPV_UDITA_M_6x64KB,'08'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_17 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information with tones/announcements" and the information transfer rate set to "multirate" and the rate multiplier="24", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "1536 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDITA_M_24x64KB,PX_BCAPV_UDITA_M_24x64KB,'09'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101005_18 <b>Group</b> : DSS1_ISUP/IAM/TC101005/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability(BC) information transfer capability set to "unrestricted digital information with tones/announcements" and the information transfer rate set to "multirate" and the rate multiplier="30", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "1920 kbits/s unrestricted". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC(PX_BCAPL_UDITA_M_30x64KB,PX_BCAPV_UDITA_M_30x64KB,'0A'O)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101006 <b>Group</b> : DSS1_ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with the firstBearer Capability information transfer capability set to "speech" and the second Bearer Capability information transfer capability set to "unrestricted digital information with tones/announcements", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "64 kbits/s unrestricted preferred". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC1(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101007 <b>Group</b> : DSS1_ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with the firstBearer Capability information transfer capability set to "3.1kHz audio" and the second Bearer Capability information transfer capability set to "unrestricted digital information with tones/announcements", sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "64 kbits/s unrestricted preferred". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_BC1(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO)			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101008 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with a Called party number information element providing the complete called party information and the sending complete indication, sends an IAM message, with the complete called party number encoded as following: Internal network numbering not allowed Numbering plan indicator set to "ISDN(Telephony) numbering plan". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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_S1(0,CREF,B_CHN))		
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_R3)	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101009 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with a Called party number information element providing the complete called party information and the sending complete indication, sends an IAM message, with the complete called party number with the address signal containing the called number information received in the SETUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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_S1(0,CREF,B_CHN))		
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_R4)	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101010 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state, on receipt of a SETUP message without information in the called party number information element, followed by an INFOORMATION message providing the complete called party information and the sending complete information, sends an IAM message, with the complete called party number encoded as following: Internal Network Numbering set to "routing to internal network number not allowed." Numbering Plan Indicator set to "ISDN(Telephony) numbering plan." <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1.3, Q.764 subclause 2.1,					
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)			
7		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1(0))			
9		+PR_N00_1			
10		CPA1!CP_M	RDY		
11		CPA1?CP_M	S_MSG		
12		L1!PDUs START TAC	Ms(SU_S2(0,CREF,B_CHN))		
13		L1?PDUr CANCEL TAC	Mr(SUA_R1(1,CREF))	(P)	(2)
14		L1!PDUs START TAC	Ms(IN_S3(0,CREF,PX_CDPN_L,PX_CDPN_ND,PX_CDPN_OCTET3))		
15		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
16		+PTC1_SYNC_0			
17		+ PO_RR_1(0)			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_RR_1(0)			
21		?TIMEOUT TAC			
22		+PTC1_SYNC_0			
23		+ PO_RR_1(0)			
24		PTC2_IN			
25		ACTIVATE(OtherwiseFail_2)			
26		CPA2!CP_M START TWAIT	RDY		
27		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC)	IrI (P_IAM_R3)	(P)	
28		CANCEL TWAIT			
29		+PTC2_SYNC			
30		+ PO_SR_2			
31		?TIMEOUT TWAIT		(I)	
32		+PTC2_SYNC			
33		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC101011  
**Group** : DSS1\_ISUP/IAM/  
**Purpose** : Ensure that the SUT in the Idle state on receipt of a SETUP message without information in the Called party number information element, followed by an INFORMATION message providing the complete called party information and the sending complete information, sends an IAM message, with the complete called party number address signal containing the called number information received in the SETUP and in the INFORMATION messages.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.1,  
ETS 300 403 subclause 5.1.3,  
Q.764 subclause 2.1,

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_S2(0,CREF,B_CHN))		
12		L1?PDUr CANCEL TAC	Mr(SUA_R1(1,CREF))	(P)	
13		L1!PDUs START TAC	Ms(IN_S3(0,CREF,PX_CDPN_L,PX_CDPN_ND,PX_CDPN_OCTET3))		
14		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
15		+PTC1_SYNC_0			
16		+ PO_RR_1(0)			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_RR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		CPA2!CP_M START TWAIT	RDY		
22		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R4)	(P)	
23		+PTC2_SYNC			
24		+ PO_SR_2			
25		?TIMEOUT TWAIT		(I)	
26		+PTC2_SYNC			
27		+ PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101012_01 <b>Group</b> : DSS1-ISUP/IAM/TC101012/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with a valid Progress indicator sends an IAM message with the Access transport parameter containing the same progress indicator information element as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3 ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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_S6(0,CREF,B_CHN,'0000'B,1))		
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_R5('0000'B,1))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101012_02 <b>Group</b> : DSS1-ISUP/IAM/TC101012/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with a valid Progress indicator sends an IAM message with the Access transport parameter containing the same progress indicator information element as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3 ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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_S6(0,CREF,B_CHN,'0000'B,3))		
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_R5('0000'B,3))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_01 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "Telephony" sends an IAM message with the Access transport parameter containing the same HLC information element set to "Telephony" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,1)			
<b>Detailed Comments</b> : (1) HLC set to "Telephony"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_02 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "Facsimile Group 2/3 (Recommendation F.182)" sends an IAM message with the Access transport parameter containing the same HLC information element set to "Facsimile Group 2/3 (Recommendation F.182)" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,4)			
<b>Detailed Comments</b> : (1) HLC set to "Facsimile Group 2/3 (Recommendation F.182)"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_03 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "Facsimile Group 4 Class I (Recommendation F.184)" sends an IAM message with the Access transport parameter containing the same HLC information element set to "Facsimile Group 4 Class I (Recommendation F.184)" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_UDITA_ANYR,PX_BCA_PV_UDITA_ANYR,33)			
<b>Detailed Comments</b> : (1) HLC set to "Facsimile Group 4 Class I (Recommendation F.184)"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_04 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "eletex service, basic and mixed mode of operation (Recommendation F.230) and facsimile service Group 4, Classes II and III (Recommendation F.184)" sends an IAM message with the Access transport parameter containing the same HLC information element set to "eletex service, basic and mixed mode of operation (Recommendation F.230) and facsimile service Group 4, Classes II and III (Recommendation F.184)" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_UDITA_ANYR,PX_BCA_PV_UDITA_ANYR,36)			
<b>Detailed Comments</b> : (1) HLC set to "Facsimile Group 4 Class I (Recommendation F.184)"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_05 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "Teletex service, basic and processable mode of operation (Recommendation F.220 )" sends an IAM message with the Access transport parameter containing the same HLC information element set to "Teletex service, basic and processable mode of operation (Recommendation F.220 )" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_UDITA_ANYR,PX_BCA PV_UDITA_ANYR,40)			
<b>Detailed Comments</b> : (1) HLC set to "Teletex service, basic and processable mode of operation (Recommendation F.220 )"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_06 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "Teletex service, basic mode of operation (Recommendation F.200 )" sends an IAM message with the Access transport parameter containing the same HLC information element set to "Teletex service, basic mode of operation (Recommendation F.200 )" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_UDITA_ANYR,PX_BCA PV_UDITA_ANYR,49)			
<b>Detailed Comments</b> : (1) HLC set to "Teletex service, basic mode of operation (Recommendation F.200 )"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_07 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "Syntax based Videotex (Recommendations F.300 and T.102 )" sends an IAM message with the Access transport parameter containing the same HLC information element set to "Syntax based Videotex (Recommendations F.300 and T.102 )" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_UDITA_ANYR,PX_BCA PV_UDITA_ANYR,50)			
<b>Detailed Comments</b> : (1) HLC set to "Syntax based Videotex (Recommendations F.300 and T.102 )"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_08 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "International Videotex interworking via gateways or interworking units (Recommendations F.300 and T.101 )" sends an IAM message with the Access transport parameter containing the same HLC information element set to "International Videotex interworking via gateways or interworking units (Recommendations F.300 and T.101 )" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_UDITA_ANYR,PX_BCA PV_UDITA_ANYR,51)			
<b>Detailed Comments</b> : (1) HLC set to "International Videotex interworking via gateways or interworking units (Recommendations F.300 and T.101 )"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_09 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "Telex service (Recommendation F.60)" sends an IAM message with the Access transport parameter containing the same HLC information element set to "Telex service (Recommendation F.60)" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_UDITA_ANYR,PX_BCA PV_UDITA_ANYR,53)			
<b>Detailed Comments</b> : (1) HLC set to "Telex service (Recommendation F.60)"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_10 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "Message Handling Systems (MHS) (X.400 - Series Recommendations )" sends an IAM message with the Access transport parameter containing the same HLC information element set to "Message Handling Systems (MHS) (X.400 - Series Recommendations )" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_UDITA_ANYR,PX_BCA PV_UDITA_ANYR,56)			
<b>Detailed Comments</b> : (1) HLC set to " Message Handling Systems (MHS) (X.400 - Series Recommendations )"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_11 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "OSI application (Note 2) (X.200 - Series Recommendations )" sends an IAM message with the Access transport parameter containing the same HLC information element set to "OSI application (Note 2) (X.200 - Series Recommendations )" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_UDITA_ANYR,PX_BCA PV_UDITA_ANYR,65)			
<b>Detailed Comments</b> : (1) HLC set to " Message Handling Systems (MHS) (X.400 - Series Recommendations )"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101014_12 <b>Group</b> : DSS1_ISUP/IAM/TC101014/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility set to "Audio visual (Recommendation F.721)" sends an IAM message with the Access transport parameter containing the same HLC information element set to "Audio visual (Recommendation F.721)" as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ENC_HLC(PX_BCAPL_UDITA_ANYR,PX_BCA PV_UDITA_ANYR,96)			
<b>Detailed Comments</b> : (1) HLC set to "Audio visual (Recommendation F.721)"					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101015 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with a Low Layer Compatibility (LLC) sends an IAM message with the Access transport parameter containing the same LLC information element as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1 table 3, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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_S10(0,CREF,B_CHN))		
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	RDY		
20		START TWAIT			
21		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICCode.CIC) CANCEL TWAIT	IrI (P_IAM_R14)	(P)	
22		+PTC2_SYNC			
23		+ PO_SR_2			
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC101016  
**Group** : DSS1\_ISUP/IAM/  
**Purpose** : Ensure that the SUT in the Idle state on receipt of a SETUP message, with the first Bearer Capability information transfer capability set to "speech" and the second Bearer Capability information transfer capability set to "unrestricted digital information with tones/announcements" sends an IAM message, with the user information parameter transfer capability information element set to "speech".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.1,  
ETS 300 403 subclause 5.1,  
Q.764 subclause 2.1,

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)			
7		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1(0))			
9		+PR_N00_1			
10		CPA1!CP_M	RDY		
11		CPA1?CP_M	S_MSG		
12		L1!PDUs START TAC	Ms(SU_S5(0,CREF,B_CHN,PX_BCAP L_SPEECH,PX_BCAPV_SPEECH,PX_B CAPL_UDITA_ANYR,PX_BCAPV_UDIT A_ANYR))		
13		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_RR_1(0)			
19		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		CPA2!CP_M START TWAIT	RDY		
22		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC)	IrI (P_IAM_R6(PX_BCAPL_SPEECH,PX_ BCAPV_SPEECH))	(P)	
23		CANCEL TWAIT			
24		+PTC2_SYNC			
25		+ PO_SR_2			
26		?TIMEOUT TWAIT			
27		+PTC2_SYNC			
28		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101017 <b>Group</b> : DSS1_ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message, with the first Bearer Capability information transfer capability set to "3.1 kHz audio" and the second Bearer Capability information transfer capability set to "unrestricted digital information with tones/announcements" sends an IAM message, with the user information parameter transfer capability set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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)			
7		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1(0))			
9		+PR_N00_1			
10		CPA1!CP_M	RDY		
11		CPA1?CP_M	S_MSG		
12		L1!PDUs START TAC	Ms(SU_S5(0,CREF,B_CHN,PX_BCAP L_3_1KHZ_AUDIO,PX_BCAPV_3_1KH Z_AUDIO,PX_BCAPL_UDITA_ANYR,P X_BCAPV_UDITA_ANYR))		
13		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_RR_1(0)			
19		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		CPA2!CP_M START TWAIT	RDY		
22		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC)	IrI (P_IAM_R6(PX_BCAPL_3_1KHZ_AUD IO,PX_BCAPV_3_1KHZ_AUDIO))	(P)	
23		CANCEL TWAIT			
24		+PTC2_SYNC			
25		+ PO_SR_2			
26		?TIMEOUT TWAIT		(I)	
27		+PTC2_SYNC			
28		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101018 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message, with one Bearer Capability sends an IAM message, with the user information parameter information transfer capability and information transfer rate set to the value of the BC information transfer capability and information transfer rate of the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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)			
7		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1(0))			
9		+PR_N00_1			
10		CPA1!CP_M	RDY		
11		CPA1?CP_M	S_MSG		
12		L1!PDUs START TAC	Ms(SU_S4(0,CREF,B_CHN,PX_BCAP L_3_1KHZ_AUDIO,PX_BCAPV_3_1KH Z_AUDIO))		
13		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_RR_1(0)			
19		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		CPA2!CP_M START TWAIT	RDY		
22		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC)	IrI (P_IAM_R6(PX_BCAPL_3_1KHZ_AUD IO,PX_BCAPV_3_1KHZ_AUDIO))	(P)	
23		CANCEL TWAIT			
24		+PTC2_SYNC			
25		+ PO_SR_2			
26		?TIMEOUT TWAIT		(I)	
27		+PTC2_SYNC			
28		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC101019

**Group** : DSS1-ISUP/IAM/

**Purpose** : Ensure that the SUT in the Idle state on receipt of a SETUP message, with the first Bearer Capability information transfer capability set to "speech" and the second bearer capability information transfer capability set to "unrestricted digital information with tones/announcements" sends an IAM message, with the user information prime parameter set to the value of the second BC information transfer capability and information transfer rate of the SETUP message.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 subclause 2.1.1.1,  
ETS 300 403 subclause 5.1,  
Q.764 subclause 2.1,

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_S5(0,CREF,B_CHN,PX_BCAP L_SPEECH,PX_BCAPV_SPEECH,PX_B CAPL_UDITA_ANYR,PX_BCAPV_UDIT A_ANYR))		
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_R7(PX_BCAPL_UDITA_ANYR ,PX_BCAPV_UDITA_ANYR))	(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** : TC101020  
**Group** : DSS1\_ISUP/IAM/  
**Purpose** : Ensure that the SUT in the Idle state on receipt of a SETUP message, with the first Bearer Capability information transfer capability set to "3.1 kHz audio" and the second bearer capability information transfer capability set to "unrestricted digital information with tones/announcements" sends an IAM message, with the user information prime parameter set to the value of the second BC information transfer capability and information transfer rate of the SETUP message.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.1,  
ETS 300 403 subclause 5.1,  
Q.764 subclause 2.1,

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_S5(0,CREF,B_CHN,PX_BCAP L_3_1KHZ_AUDIO,PX_BCAPV_3_1KH Z_AUDIO,PX_BCAPL_UDITA_ANYR,P X_BCAPV_UDITA_ANYR))		
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_R7(PX_BCAPL_UDITA_ANYR ,PX_BCAPV_UDITA_ANYR))	(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					
<b>Test Case Name</b> : TC101021 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with a High Layer Compatibility (HLC) sends an IAM message with the Access transport parameter containing the same HLC information element as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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_S1(0,CREF,B_CHN))		
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_R8_1(PX_HLCL1,PX_HLCV1))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101022 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with two High Layer Compatibility (HLC) sends an IAM message with the User teleservice information parameter containing the second HLC information element as in the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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_S7(0,CREF,B_CHN))		
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_R8_2(PX_HLCL2,PX_HLCV2 ) )	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101023 <b>Group</b> : DSS1_ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message, with the first Bearer Capability information transfer capability set to "3.1 kHz audio" and the second Bearer Capability information transfer capability set to "unrestricted digital information with tones/announcements" sends an IAM message, with the transmission medium requirement prime parameter set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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)			
7		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1(0))			
9		+PR_N00_1			
10		CPA1!CP_M	RDY		
11		CPA1?CP_M	S_MSG		
12		L1!PDUs START TAC	Ms(SU_S5(0,CREF,B_CHN,PX_BCAP L_3_1KHZ_AUDIO,PX_BCAPV_3_1KH Z_AUDIO,PX_BCAPL_UDITA_ANYR,P X_BCAPV_UDITA_ANYR))		
13		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_RR_1(0)			
19		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		CPA2!CP_M	RDY		
22		START TWAIT			
23		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC)	IrI (P_IAM_R9('03'O))	(P)	
24		CANCEL TWAIT			
25		+PTC2_SYNC			
26		+ PO_SR_2			
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC			
29		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC101024  
**Group** : DSS1\_ISUP/IAM/  
**Purpose** : Ensure that the SUT in the Idle state, not supporting the fallback procedure, on receipt of a SETUP message including a two Bearer capability: BC1 and BC2 sends an IAM message with the Transmission medium requirement with the encoding corresponding to BC1, the User information parameter set to BC1 and including no Transmission medium requirement prime parameter and no User information prime parameter.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.1,  
ETS 300 403 subclause 5.1,  
Q.764 subclause 2.1,

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)			
7		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1(0))			
9		+PR_N00_1			
10		CPA1!CP_M	RDY		
11		CPA1?CP_M	S_MSG		
12		L1!PDUs START TAC	Ms(SU_S5(0,CREF,B_CHN,PX_BCAP L_SPEECH,PX_BCAPV_SPEECH,PX_B CAPL_UDITA_ANYR,PX_BCAPV_UDIT A_ANYR))		
13		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_RR_1(0)			
19		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		CPA2!CP_M START TWAIT	RDY		
22		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC)	IrI (P_IAM_R11('00'O,PX_BCAPL_SPE ECH,PX_BCAPV_SPEECH))	(P)	
23		CANCEL TWAIT			
24		+PTC2_SYNC			
25		+ PO_SR_2			
26		?TIMEOUT TWAIT			
27		+PTC2_SYNC			
28		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101025 <b>Group</b> : DSS1_ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message, with the first Bearer Capability information transfer capability set to "speech" and the second Bearer Capability information transfer capability set to "unrestricted digital information with tones/announcements" sends an IAM message, with the transmission medium requirement prime parameter set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
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)			
7		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1(0))			
9		+PR_N00_1			
10		CPA1!CP_M	RDY		
11		CPA1?CP_M	S_MSG		
12		L1!PDUs START TAC	Ms(SU_S5(0,CREF,B_CHN,PX_BCAP L_SPEECH,PX_BCAPV_SPEECH,PX_B CAPL_UDITA_ANYR,PX_BCAPV_UDIT A_ANYR))		
13		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_RR_1(0)			
19		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		CPA2!CP_M START TWAIT	RDY		
22		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC)	IrI (P_IAM_R9('00'O))	(P)	
23		CANCEL TWAIT			
24		+PTC2_SYNC			
25		+ PO_SR_2			
26		?TIMEOUT TWAIT		(I)	
27		+PTC2_SYNC			
28		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101026					
<b>Group</b> : DSS1_ISUP/IAM/					
<b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with a Called party number information element providing the complete called party information, and with a sending complete information element sends an IAM message with the end of pulsing signal 'ST'.					
<b>Configuration</b> : CONFIG1					
<b>Default</b> : OtherwiseFail					
<b>Comments</b> : Q.699 subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 subclause 2.1,					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1	La be ll	CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)	S_MSG		
2		+PR_N00_MTC			
3		+PTC_Ready			
4		CPA1!CP_M			
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
7		PTC1_OUT			
8		ACTIVATE(OtherwiseFail_1(0))			
9		+PR_N00_1			
10		CPA1!CP_M			
11		CPA1?CP_M			
12		L1!PDUs START TAC			
13		L1?PDUr CANCEL TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_RR_1(0)			
19		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		CPA2!CP_M START TWAIT			
22		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC)			
23		CANCEL TWAIT			
24		+PTC2_SYNC			
25		+ PO_SR_2			
26		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC)			
27		CANCEL TWAIT, START TAC			
28		L2?P_PDUr CANCEL TAC			
29		+PTC2_SYNC			
30		+ PO_SR_2			
31		L2?P_PDUr CANCEL TAC, START TAC			
32		GOTO Label1			
33		?TIMEOUT TAC			
34		+PTC2_SYNC			
35	+ PO_SR_2				
36	L2?P_PDUr CANCEL TAC, START TAC				
37	GOTO Label1				
38	?TIMEOUT TAC				
39	+PTC2_SYNC				
40	+ PO_SR_2				
41	?TIMEOUT TWAIT				
42	+PTC2_SYNC				
43	+ PO_SR_2				
44	L2?P_PDUr CANCEL TAC, START TAC				
45	GOTO Label1				
46	?TIMEOUT TAC				
47	+PTC2_SYNC				
48	+ PO_SR_2				
49	?TIMEOUT TWAIT				
50	+PTC2_SYNC				
51	+ PO_SR_2				
52	L2?P_PDUr CANCEL TAC, START TAC				
53	GOTO Label1				
54	?TIMEOUT TAC				
55	+PTC2_SYNC				
56	+ PO_SR_2				
57	?TIMEOUT TWAIT				
58	+PTC2_SYNC				
59	+ PO_SR_2				
60	L2?P_PDUr CANCEL TAC, START TAC				
61	GOTO Label1				
62	?TIMEOUT TAC				
63	+PTC2_SYNC				
64	+ PO_SR_2				
65	?TIMEOUT TWAIT				
66	+PTC2_SYNC				
67	+ PO_SR_2				
68	L2?P_PDUr CANCEL TAC, START TAC				
69	GOTO Label1				
70	?TIMEOUT TAC				
71	+PTC2_SYNC				
72	+ PO_SR_2				
73	?TIMEOUT TWAIT				
74	+PTC2_SYNC				
75	+ PO_SR_2				
76	L2?P_PDUr CANCEL TAC, START TAC				
77	GOTO Label1				
78	?TIMEOUT TAC				
79	+PTC2_SYNC				
80	+ PO_SR_2				
81	?TIMEOUT TWAIT				
82	+PTC2_SYNC				
83	+ PO_SR_2				
84	L2?P_PDUr CANCEL TAC, START TAC				
85	GOTO Label1				
86	?TIMEOUT TAC				
87	+PTC2_SYNC				
88	+ PO_SR_2				
89	?TIMEOUT TWAIT				
90	+PTC2_SYNC				
91	+ PO_SR_2				
92	L2?P_PDUr CANCEL TAC, START TAC				
93	GOTO Label1				
94	?TIMEOUT TAC				
95	+PTC2_SYNC				
96	+ PO_SR_2				
97	?TIMEOUT TWAIT				
98	+PTC2_SYNC				
99	+ PO_SR_2				
100	L2?P_PDUr CANCEL TAC, START TAC				
101	GOTO Label1				
102	?TIMEOUT TAC				
103	+PTC2_SYNC				
104	+ PO_SR_2				
105	?TIMEOUT TWAIT				
106	+PTC2_SYNC				
107	+ PO_SR_2				
108	L2?P_PDUr CANCEL TAC, START TAC				
109	GOTO Label1				
110	?TIMEOUT TAC				
111	+PTC2_SYNC				
112	+ PO_SR_2				
113	?TIMEOUT TWAIT				
114	+PTC2_SYNC				
115	+ PO_SR_2				
116	L2?P_PDUr CANCEL TAC, START TAC				
117	GOTO Label1				
118	?TIMEOUT TAC				
119	+PTC2_SYNC				
120	+ PO_SR_2				
121	?TIMEOUT TWAIT				
122	+PTC2_SYNC				
123	+ PO_SR_2				
124	L2?P_PDUr CANCEL TAC, START TAC				
125	GOTO Label1				
126	?TIMEOUT TAC				
127	+PTC2_SYNC				
128	+ PO_SR_2				
129	?TIMEOUT TWAIT				
130	+PTC2_SYNC				
131	+ PO_SR_2				
132	L2?P_PDUr CANCEL TAC, START TAC				
133	GOTO Label1				
134	?TIMEOUT TAC				
135	+PTC2_SYNC				
136	+ PO_SR_2				
137	?TIMEOUT TWAIT				
138	+PTC2_SYNC				
139	+ PO_SR_2				
140	L2?P_PDUr CANCEL TAC, START TAC				
141	GOTO Label1				
142	?TIMEOUT TAC				
143	+PTC2_SYNC				
144	+ PO_SR_2				
145	?TIMEOUT TWAIT				
146	+PTC2_SYNC				
147	+ PO_SR_2				
148	L2?P_PDUr CANCEL TAC, START TAC				
149	GOTO Label1				
150	?TIMEOUT TAC				
151	+PTC2_SYNC				
152	+ PO_SR_2				
153	?TIMEOUT TWAIT				
154	+PTC2_SYNC				
155	+ PO_SR_2				
156	L2?P_PDUr CANCEL TAC, START TAC				
157	GOTO Label1				
158	?TIMEOUT TAC				
159	+PTC2_SYNC				
160	+ PO_SR_2				
161	?TIMEOUT TWAIT				
162	+PTC2_SYNC				
163	+ PO_SR_2				
164	L2?P_PDUr CANCEL TAC, START TAC				
165	GOTO Label1				
166	?TIMEOUT TAC				
167	+PTC2_SYNC				
168	+ PO_SR_2				
169	?TIMEOUT TWAIT				
170	+PTC2_SYNC				
171	+ PO_SR_2				
172	L2?P_PDUr CANCEL TAC, START TAC				
173	GOTO Label1				
174	?TIMEOUT TAC				
175	+PTC2_SYNC				
176	+ PO_SR_2				
177	?TIMEOUT TWAIT				
178	+PTC2_SYNC				
179	+ PO_SR_2				
180	L2?P_PDUr CANCEL TAC, START TAC				
181	GOTO Label1				
182	?TIMEOUT TAC				
183	+PTC2_SYNC				
184	+ PO_SR_2				
185	?TIMEOUT TWAIT				
186	+PTC2_SYNC				
187	+ PO_SR_2				
188	L2?P_PDUr CANCEL TAC, START TAC				
189	GOTO Label1				
190	?TIMEOUT TAC				
191	+PTC2_SYNC				
192	+ PO_SR_2				
193	?TIMEOUT TWAIT				
194	+PTC2_SYNC				
195	+ PO_SR_2				
196	L2?P_PDUr CANCEL TAC, START TAC				
197	GOTO Label1				
198	?TIMEOUT TAC				
199	+PTC2_SYNC				
200	+ PO_SR_2				
201	?TIMEOUT TWAIT				
202	+PTC2_SYNC				
203	+ PO_SR_2				
204	L2?P_PDUr CANCEL TAC, START TAC				
205	GOTO Label1				
206	?TIMEOUT TAC				
207	+PTC2_SYNC				
208	+ PO_SR_2				
209	?TIMEOUT TWAIT				
210	+PTC2_SYNC				
211	+ PO_SR_2				
212	L2?P_PDUr CANCEL TAC, START TAC				
213	GOTO Label1				
214	?TIMEOUT TAC				
215	+PTC2_SYNC				
216	+ PO_SR_2				
217	?TIMEOUT TWAIT				
218	+PTC2_SYNC				
219	+ PO_SR_2				
220	L2?P_PDUr CANCEL TAC, START TAC				
221	GOTO Label1				
222	?TIMEOUT TAC				
223	+PTC2_SYNC				
224	+ PO_SR_2				
225	?TIMEOUT TWAIT				
226	+PTC2_SYNC				
227	+ PO_SR_2				
228	L2?P_PDUr CANCEL TAC, START TAC				
229	GOTO Label1				
230	?TIMEOUT TAC				
231	+PTC2_SYNC				
232	+ PO_SR_2				
233	?TIMEOUT TWAIT				
234	+PTC2_SYNC				
235	+ PO_SR_2				
236	L2?P_PDUr CANCEL TAC, START TAC				
237	GOTO Label1				
238	?TIMEOUT TAC				
239	+PTC2_SYNC				
240	+ PO_SR_2				
241	?TIMEOUT TWAIT				
242	+PTC2_SYNC				
243	+ PO_SR_2				
244	L2?P_PDUr CANCEL TAC, START TAC				
245	GOTO Label1				
246	?TIMEOUT TAC				
247	+PTC2_SYNC				
248	+ PO_SR_2				
249	?TIMEOUT TWAIT				
250	+PTC2_SYNC				
251	+ PO_SR_2				
252	L2?P_PDUr CANCEL TAC, START TAC				
253	GOTO Label1				
254	?TIMEOUT TAC				
255	+PTC2_SYNC				
256	+ PO_SR_2				
257	?TIMEOUT TWAIT				
258	+PTC2_SYNC				
259	+ PO_SR_2				
260	L2?P_PDUr CANCEL TAC, START TAC				
261	GOTO Label1				
262	?TIMEOUT TAC				
263	+PTC2_SYNC				
264	+ PO_SR_2				
265	?TIMEOUT TWAIT				
266	+PTC2_SYNC				
267	+ PO_SR_2				
268	L2?P_PDUr CANCEL TAC, START TAC				
269	GOTO Label1				
270	?TIMEOUT TAC				
271	+PTC2_SYNC				
272	+ PO_SR_2				
273	?TIMEOUT TWAIT				
274	+PTC2_SYNC				
275	+ PO_SR_2				
276	L2?P_PDUr CANCEL TAC, START TAC				
277	GOTO Label1				
278	?TIMEOUT TAC				
279	+PTC2_SYNC				
280	+ PO_SR_2				
281	?TIMEOUT TWAIT				
282	+PTC2_SYNC				
283	+ PO_SR_2				
284	L2?P_PDUr CANCEL TAC, START TAC				
285	GOTO Label1				
286	?TIMEOUT TAC				
287	+PTC2_SYNC				
288	+ PO_SR_2				
289	?TIMEOUT TWAIT				
290	+PTC2_SYNC				
291	+ PO_SR_2				
292	L2?P_PDUr CANCEL TAC, START TAC				
293	GOTO Label1				
294	?TIMEOUT TAC				
295	+PTC2_SYNC				
296	+ PO_SR_2				
297	?TIMEOUT TWAIT				
298	+PTC2_SYNC				
299	+ PO_SR_2				
300	L2?P_PDUr CANCEL TAC, START TAC				
301	GOTO Label1				
302	?TIMEOUT TAC				
303	+PTC2_SYNC				
304	+ PO_SR_2				
305	?TIMEOUT TWAIT				
306	+PTC2_SYNC				
307	+ PO_SR_2				
308	L2?P_PDUr CANCEL TAC, START TAC				
309	GOTO Label1				
310	?TIMEOUT TAC				
311	+PTC2_SYNC				
312	+ PO_SR_2				
313	?TIMEOUT TWAIT				
314	+PTC2_SYNC				
315	+ PO_SR_2				
316	L2?P_PDUr CANCEL TAC, START TAC				
317	GOTO Label1				
318	?TIMEOUT TAC				
319	+PTC2_SYNC				
320	+ PO_SR_2				
321	?TIMEOUT TWAIT				
322	+PTC2_SYNC				
323	+ PO_SR_2				
324	L2?P_PDUr CANCEL TAC, START TAC				
325	GOTO Label1				
326	?TIMEOUT TAC				
327	+PTC2_SYNC				
328	+ PO_SR_2				
329	?TIMEOUT TWAIT				
330	+PTC2_SYNC				
331	+ PO_SR_2				
332	L2?P_PDUr CANCEL TAC, START TAC				
333	GOTO Label1				
334	?TIMEOUT TAC				
335	+PTC2_SYNC				
336	+ PO_SR_2				
337	?TIMEOUT TWAIT				
338	+PTC2_SYNC				
339	+ PO_SR_2				
340	L2?P_PDUr CANCEL TAC, START TAC				
341	GOTO Label1				
342	?TIMEOUT TAC				
343	+PTC2_SYNC				
344	+ PO_SR_2				
345	?TIMEOUT TWAIT				
346	+PTC2_SYNC				
347	+ PO_SR_2				
348	L2?P_PDUr CANCEL TAC, START TAC				
349	GOTO Label1				
350	?TIMEOUT TAC				
351	+PTC2_SYNC				
352	+ PO_SR_2				
353	?TIMEOUT TWAIT				
354	+PTC2_SYNC				
355	+ PO_SR_2				
356	L2?P_PDUr CANCEL TAC, START TAC				
357	GOTO Label1				
358	?TIMEOUT TAC				
359	+PTC2_SYNC				
360	+ PO_SR_2				
361	?TIMEOUT TWAIT				
362	+PTC2_SYNC				
363	+ PO_SR_2				
364	L2?P_PDUr CANCEL TAC, START TAC				
365	GOTO Label1				
366	?TIMEOUT TAC				
367	+PTC2_SYNC				
368	+ PO_SR_2				
369	?TIMEOUT TWAIT				
370	+PTC2_SYNC				
371	+ PO_SR_2				
372	L2?P_PDUr CANCEL TAC, START TAC				
373	GOTO Label1				
374	?TIMEOUT TAC				
375	+PTC2_SYNC				
376	+ PO_SR_2				
377	?TIMEOUT TWAIT				
378	+PTC2_SYNC				
379	+ PO_SR_2				
380	L2?P_PDUr CANCEL TAC, START TAC				
381	GOTO Label1				
382	?TIMEOUT TAC				
383	+PTC2_SYNC				
384	+ PO_SR_2				
385	?TIMEOUT TWAIT				
386	+PTC2_SYNC				
387	+ PO_SR_2				
388	L2?P_PDUr CANCEL TAC, START TAC				
389	GOTO Label1				
390	?TIMEOUT TAC				
391	+PTC2_SYNC				
392	+ PO_SR_2				
393	?TIMEOUT TWAIT				
394	+PTC2_SYNC				
395	+ PO_SR_2				
396	L2?P_PDUr CANCEL TAC, START TAC				
397	GOTO Label1				
398	?TIMEOUT TAC				
399	+PTC2_SYNC				
400	+ PO_SR_2				
401	?TIMEOUT TWAIT				
402	+PTC2_SYNC				
403	+ PO_SR_2				
404	L2?P_PDUr CANCEL TAC, START TAC				
405	GOTO Label1				
406	?TIMEOUT TAC				
407	+PTC2_SYNC				
408	+ PO_SR_2				
409	?TIMEOUT TWAIT				
410	+PTC2_SYNC				
411	+ PO_SR_2				
412	L2?P_PDUr CANCEL TAC, START TAC				
413	GOTO Label1				
414	?TIMEOUT TAC				
415	+PTC2_SYNC				
416	+ PO_SR_2				
417	?TIMEOUT TWAIT				
418	+PTC2_SYNC				
419	+ PO_SR_2				
420	L2?P_PDUr CANCEL TAC, START TAC				
421	GOTO Label1				
422	?TIMEOUT TAC				
423	+PTC2_SYNC				
424	+ PO_SR_2				
425	?TIMEOUT TWAIT				
426	+PTC2_SYNC				
427	+ PO_SR_2				
428	L2?P_PDUr CANCEL TAC, START TAC				
429	GOTO Label1				
430	?TIMEOUT TAC				
431	+PTC2_SYNC				
432	+ PO_SR_2				
433	?TIMEOUT TWAIT				
434	+PTC2_SYNC				
435	+ PO_SR_2				
436	L2?P_PDUr CANCEL TAC, START TAC				
437	GOTO Label1				
438	?TIMEOUT TAC				
439	+PTC2_SYNC				
440	+ PO_SR_2				
441	?TIMEOUT TWAIT				
442	+PTC2_SYNC				
443	+ PO_SR_2				
444	L2?P_PDUr CANCEL TAC, START TAC				
445	GOTO Label1				
446	?TIMEOUT TAC				
447	+PTC2_SYNC				
448	+ PO_SR_2				
449	?TIMEOUT TWAIT				
450	+PTC2_SYNC				
451	+ PO_SR_2				
452	L2?P_PDUr CANCEL TAC, START TAC				
453	GOTO Label1				
454	?TIMEOUT TAC				
455	+PTC2_SYNC				
456	+ PO_SR_2				
457	?TIMEOUT TWAIT				
458	+PTC2_SYNC				
459	+ PO_SR_2				
460	L2?P_PDUr CANCEL TAC, START TAC				
461	GOTO Label1				
462	?TIMEOUT TAC				
463	+PTC2_SYNC				
464	+ PO_SR_2				
465	?TIMEOUT TWAIT				
466	+PTC2_SYNC				
467	+ PO_SR_2				
468	L2?P_PDUr CANCEL TAC, START TAC				
469	GOTO Label1				
470	?TIMEOUT TAC				
471	+PTC2_SYNC				
472	+ PO_SR_2				
473	?TIMEOUT TWAIT				
474	+PTC2_SYNC				
475	+ PO_SR_2				
476	L2?P_PDUr CANCEL TAC, START TAC				
477	GOTO Label1				
478	?TIMEOUT TAC				
479	+PTC2_SYNC				
480	+ PO_SR_2				
481	?TIMEOUT TWAIT				
482	+PTC2_SYNC				
483	+ PO_SR_2				
484	L2?P_PDUr CANCEL TAC, START TAC				
485	GOTO Label1				
486	?TIMEOUT TAC				
487	+PTC2_SYNC				
488	+ PO_SR_2				
489	?TIMEOUT TWAIT				
490	+PTC2_SYNC				
491	+ PO_SR_2				
492	L2?P_PDUr CANCEL TAC, START TAC				
493	GOTO Label1				
494	?TIMEOUT TAC				
495	+PTC2_SYNC				
496	+ PO_SR_2				
497	?TIMEOUT TWAIT				
498	+PTC2_SYNC				
499	+ PO_SR_2				
500	L2?P_PDUr CANCEL TAC, START TAC				
501	GOTO Label1				
502	?TIMEOUT TAC				
503	+PTC2_SYNC				
504	+ PO_SR_2				
505	?TIMEOUT TWAIT				
506	+PTC2_SYNC				
507	+ PO_SR_2				
508	L2?P_PDUr CANCEL TAC, START TAC				
509	GOTO Label1				
510	?TIMEOUT TAC				
511	+PTC2_SYNC				
512	+ PO_SR_2				
513	?TIMEOUT TWAIT				
514	+PTC2_SYNC				
515	+ PO_SR_2				
516	L2?P_PDUr CANCEL TAC, START TAC				
517	GOTO Label1				
518	?TIMEOUT TAC				
519	+PTC2_SYNC				
520	+ PO_SR_2				
521	?TIMEOUT TWAIT				
522	+PTC2_SYNC				
523	+ PO_SR_2				
524	L2?P_PDUr CANCEL TAC, START TAC				
525	GOTO Label1				
526	?TIMEOUT TAC				
527	+PTC2_SYNC				
528	+ PO_SR_2				
529	?TIMEOUT TWAIT				
530	+PTC2_SYNC				
531	+ PO_SR_2				
532	L2?P_PDUr CANCEL TAC, START TAC				
533	GOTO Label1				
534	?TIMEOUT TAC				
535	+PTC2_SYNC				
536	+ PO_SR_2				
537	?TIMEOUT TWAIT				
538	+PTC2_SYNC				
539	+ PO_SR_2				
540	L2?P_PDUr CANCEL TAC, START TAC				
541	GOTO Label1				
542	?TIMEOUT TAC				
543	+PTC2_SYNC				
544	+ PO_SR_2				
545	?TIMEOUT TWAIT				
546	+PTC2_SYNC				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC101027 <b>Group</b> : DSS1-ISUP/IAM/ <b>Purpose</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with a Calling party number set to ISDN_CGPN, sends an IAM message with the calling party set to ISUP_CGPN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.1, ETS 300 403 subclause 5.1, Q.764 [3] subclause 2.1					
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_S11(0,CREF,B_CHN))		
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_R15)	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC102001 <b>Group</b> : DSS1-ISUP/SAM/ <b>Purpose</b> : Ensure that the SUT in call state N2 having sent the IAM message, on receipt of an INFORMATION message providing additional digits without sending complete indication, sends a SAM message, containing this additional digit. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.2.1, ETS 300 403 subclause 5.1.3, Q.764 [3] subclause 2.1.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_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_N02_1			
9		CPA1!CP_M	RDY		
10		CPA1?CP_M	S_MSG		
11		L1!PDUs	Ms(IN_S2(0,CREF,PX_LCDPN_OVERL_N22,PX_CDPN_OVERL_N22_ND,PX_CDPN_OCTET3))		
12		+PTC1_SYNC_0			
13		+ PO_RR_1(0)			
		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N02_2			
16		CPA2!CP_M START TWAIT	RDY		
17		L2?P_PDUr CANCEL TWAIT	TrI(P_SAM_R3(CIC_VAL,PXP_ADG_OVERL2))	(P)	
18		+PTC2_SYNC			
19		+ PO_SR_2			
20		?TIMEOUT TWAIT		(I)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC102002 <b>Group</b> : DSS1-ISUP/SAM/ <b>Purpose</b> : Ensure that the SUT in call state N2 having sent the IAM message, on receipt of an INFORMATION message providing additional digits and with a sending complete information element included, sends a SAM message, containing additional digits and the end of pulsing signal 'ST'. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.2.1 ETS 300 403-1 subclause 2.1 Q.764 [3] subclause 2.1.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_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_N02_1			
9		CPA1!CP_M	RDY		
10		CPA1?CP_M	S_MSG		
11		L1!PDUs START TAC	Ms(IN_S3(0,CREF,PX_LCDPN_OVERL_N22,PX_CDPN_OVERL_N22_ND,PX_CDPN_OCTET3))		
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		+PR_N02_2			
20		CPA2!CP_M START TWAIT	RDY		
21		L2?P_PDUr CANCEL TWAIT	TrI(P_SAM_R1(CIC_VAL))	(P)	
22		CPA2!CP_M	S_MSG		
23		+PTC2_SYNC			
24		+ PO_SR_2			
25		?TIMEOUT TWAIT		(I)	
26		+PTC2_SYNC			
27		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103001 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in state N2, on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", sends a CALL PROCEEDING. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 9 ETS 300 403-1 subclause 2.1 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CP_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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S1(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103002 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "Yes" sends a CALL PROCEEDING message with a progress indicator "in-band information or appropriate pattern now available (#8)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CP_R2(1, CREF,?,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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC103003  
**Group** : DSS1\_ISUP/ACM/  
**Purpose** : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "non-ISDN" and the OBCI with the in-band information is set to "Yes" sends a CALL PROCEEDING message with two progress indicators "destination address is non-ISDN (#2)" and "in-band information or appropriate pattern now available (#8)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.3.2 table 10  
 ETS 300 403-1 subclause 5.1.5  
 Q.764 subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CP_R3(1,CREF,?,2,?,8))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUr CANCEL TWAIT	Mr(CP_R3(1,CREF,?,8,?,2))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N02_2			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'0'B,'1'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103004 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N2, on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "non-ISDN" and the OBCI with the in-band information is set to "No" sends a CALL PROCEEDING message with a progress indicator with the progress descriptions "destination address is non-ISDN (#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CP_R2(1, CREF,?,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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'0'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC103005 <b>Group</b> : DSS1-ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP not used all the way", sends a CALL PROCEEDING message with a progress indicator "call is not end-to-end ISDN, further call progress information may be available in-band (#1). <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
6		PTC1_OUT		
7		ACTIVATE(OtherwiseFail_1(0))		
8		+PR_N02_1		
9		+PTC1_SYNC_0		
10		START TWAIT		
11		L1?PDUR CANCEL TWAIT	Mr(CP_R2(1, CREF,?,1))	(P)
12		+PTC1_SYNC_0		
13		+ PO_SR_1(0)		
14		?TIMEOUT TWAIT		(I)
15		+PTC1_SYNC_0		
16		+ PO_SR_1(0)		
17		PTC2_IN		
18		ACTIVATE(OtherwiseFail_2)		
19		+PR_N02_2		
20		+PTC2_SYNC		
21		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'0'B,'1'B,'0'B))	
		+PTC2_SYNC		
		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103006 <b>Group</b> : DSS1-ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator set to "ISDN", the Access Transport Parameter ATP set to PI_VALUE, sends a CALL PROCEEDING message with a progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CP_R2(1, CREF,?,PX_PI_PD))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S6(CIC_VAL,'00'B,'0010'B,PX_PI_PD))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC103007 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" sends an ALERTING. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N02_1		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R(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_N02_2		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL, '01'B, '1'B, '1'B, '0'B))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103008_01 <b>Group</b> : DSS1-ISUP/ACM/TC103008/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is not used all the way", OBCI set to "no", sends a ALERTING message with a progress indicator "Call is not end-to-end ISDN (#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R1(1,CREF,?,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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'0'B,'0'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC103008\_02  
**Group** : DSS1\_ISUP/ACM/TC103008/  
**Purpose** : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is not used all the way", OBCI set to "yes", sends a ALERTING message with a progress indicator "Call is not end-to-end ISDN (#1)" and "In-band information or appropriate pattern now available (#8)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.3.2 table 10  
ETS 300 403-1 subclause 5.1.5  
Q.764 subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R6(1,CREF,?,1,?,8))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUr CANCEL TWAIT	Mr(ALT_R6(1,CREF,?,8,?,1))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N02_2			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'0'B,'0'B,'1'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103008_03 <b>Group</b> : DSS1_ISUP/ACM/TC103008/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "non-ISDN", OBCI set to "no", sends a ALERTING message with a progress indicator "destination address is non-ISDN (#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R1(1,CREF,?,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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'0'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103008_04 <b>Group</b> : DSS1_ISUP/ACM/TC103008/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "non-ISDN", OBCI set to "yes", sends a ALERTING message with a progress indicator "destination address is non-ISDN (#2)" and "In-band information or appropriate pattern now available (#8)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R6(1,CREF,?,2,?,8))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUr CANCEL TWAIT	Mr(ALT_R6(1,CREF,?,8,?,2))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N02_2			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'0'B,'1'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103008_05 <b>Group</b> : DSS1_ISUP/ACM/TC103008/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN", OBCI set to "yes", sends a ALERTING message with a progress indicator "In-band information or appropriate pattern now available (#8)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R1(1,CREF,?,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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103009 <b>Group</b> : DSS1-ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator set to "ISDN", the Access Transport Parameter ATP set to PI_VALUE, sends a ALERTING message with a progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R1(1, CREF,?,PX_PI_PD))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S6(CIC_VAL,'01'B,'0010'B,PX_PI_PD))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103010 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", sends no message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 9 ETS 300 403-1 subclause 2.1 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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 TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N03_2			
15		+PTC2_SYNC			
16		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
17		+PTC2_SYNC			
18		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103011 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator set to "ISDN", the Access Transport Parameter ATP set to PI_VALUE, sends a PROGRESS message with a progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_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(PG_R1(1, CREF,?,PX_PI_PD))	(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	TrR(P_ACM_S6(CIC_VAL,'00'B,'0010'B,PX_PI_PD))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103012 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3, on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "yes", sends a PROGRESS message including a progress indicator "in-band information or appropriate pattern now available (#8)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R1(1, CREF,?,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	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103013 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "non-ISDN" and the OBC" with the in-band information is set to "Yes" sends a PROGRESS message including a progress indicator I.E. with two descriptions "destination address is non-ISDN (#2)" and "in-band information or appropriate pattern now available (#8)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R2(1, CREF,?,8,?,2))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUR CANCEL TWAIT	Mr(PG_R2(1, CREF,?,2,?,8))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N03_2			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'0'B,'1'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103014 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "non-ISDN" and the OBCI with the in-band information is set to "No" sends a PROGRESS message with a progress indicator with the progress descriptions "destination address is non-ISDN (#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R1(1, CREF,?,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			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'0'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103015 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP not used all the way", sends a PROGRESS message with a progress indicator with the progress descriptions "call is not end-to-end ISDN, further call progress information may be available in-band (#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R1(1, CREF,?,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			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'0'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103016 <b>Group</b> : DSS1-ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" sends an ALERTING. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(ALT_R(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_PDUs	TrR(P_ACM_S2(CIC_VAL, '01'B, '1'B, '1'B, '0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103017_01 <b>Group</b> : DSS1_ISUP/ACM/TC103017/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is not used all the way", OBCI set to "no", sends a ALERTING message with a progress indicator "Call is not end-to-end ISDN (#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_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(ALT_R1(1,CREF,?,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			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'0'B,'0'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103017_02 <b>Group</b> : DSS1_ISUP/ACM/TC103017/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is not used all the way", OBCI set to "yes", sends a ALERTING message with a progress indicator "Call is not end-to-end ISDN (#1)" and "In-band information or appropriate pattern now available (#8)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_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(ALT_R6(1,CREF,?,1,?,8))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUR CANCEL TWAIT	Mr(ALT_R6(1,CREF,?,8,?,1))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N03_2			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'0'B,'0'B,'1'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC103017_03 <b>Group</b> : DSS1_ISUP/ACM/TC103017/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "non-ISDN", OBCI set to "no", sends a ALERTING message with a progress indicator "destination address is non-ISDN (#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
6		PTC1_OUT		
7		ACTIVATE(OtherwiseFail_1(0))		
8		+PR_N03_1		
9		+PTC1_SYNC_0		
10		START TWAIT		
11		L1?PDUR CANCEL TWAIT	Mr(ALT_R1(1,CREF,?,2))	(P)
12		+PTC1_SYNC_0		
13		+ PO_SR_1(0)		
14		?TIMEOUT TWAIT		(I)
15		+PTC1_SYNC_0		
16		+ PO_SR_1(0)		
17		PTC2_IN		
18		ACTIVATE(OtherwiseFail_2)		
19		+PR_N03_2		
20		+PTC2_SYNC		
21		L2!P_PDUS	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'0'B,'0'B))	
		+PTC2_SYNC		
		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103017_04 <b>Group</b> : DSS1-ISUP/ACM/TC103017/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "non-ISDN", OBCI set to "yes", sends a ALERTING message with a progress indicator "destination address is non-ISDN (#2)" and "In-band information or appropriate pattern now available (#8)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_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(ALT_R6(1,CREF,?,2,?,8))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUR CANCEL TWAIT	Mr(ALT_R6(1,CREF,?,8,?,2))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N03_2			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'0'B,'1'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103017_05 <b>Group</b> : DSS1_ISUP/ACM/TC103017/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN", OBCI set to "yes", sends a ALERTING message with a progress indicator "In-band information or appropriate pattern now available (#8)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N03_1			
9		+PTC1_SYNC_0			
10		START TWAIT			
11		L1?PDUR CANCEL TWAIT	Mr(ALT_R1(1,CREF,?,8))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		+PR_N03_2			
20		+PTC2_SYNC			
21		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'1'B))		
22		+PTC2_SYNC			
23		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103018 <b>Group</b> : DSS1-ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator set to "ISDN", the Access Transport Parameter ATP set to PI_VALUE, sends a ALERTING message with a progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 10 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_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(ALT_R1(1, CREF,?,PX_PI_PD))	(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	TrR(P_ACM_S6(CIC_VAL,'01'B,'0010'B,PX_PI_PD))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103019_01 <b>Group</b> : DSS1_ISUP/ACM/TC103019/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "SPEECH" and the Access Transport Parameter (ATP) set to "No BC". sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "SPEECH" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R3(1, CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S3(CIC_VAL,'01'B,'00'O))		TMU_VAL=SPEECH
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103019_02 <b>Group</b> : DSS1-ISUP/ACM/TC103019/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1 kHz" and the Access Transport Parameter (ATP) set to "No BC". sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1 kHz Audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S3(CIC_VAL, '01'B, '03'O))		TMU_VAL=3.1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103019_03 <b>Group</b> : DSS1_ISUP/ACM/TC103019/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "speech" and the Access Transport Parameter (ATP) set to "3.1 kHz". sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL, '01'B, '00'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		TMU_VAL=speech ATP_VAL:BC=3.1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103019_04 <b>Group</b> : DSS1-ISUP/ACM/TC103019/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "speech" and the Access Transport Parameter (ATP) set to "speech". sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL,'01'B,'00'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))		TMU_VAL=speech ATP_VAL:BC=speech
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103019_05 <b>Group</b> : DSS1_ISUP/ACM/TC103019/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1kHz" and the Access Transport Parameter (ATP) set to "speech". sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R3(1, CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL,'01'B,'03'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))		TMU_VAL=3.1 kHz ATP_VAL:BC=speech
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103019_06 <b>Group</b> : DSS1-ISUP/ACM/TC103019/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1kHz" and the Access Transport Parameter (ATP) set to "3.1kHz". sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1kHz" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL, '01'B, '03'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		TMU_VAL=3.1 kHz ATP_VAL:BC=3.1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103020_01 <b>Group</b> : DSS1-ISUP/ACM/TC103020/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "No indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "SPEECH" and the Access Transport Parameter (ATP) set to "No BC". sends a CALL PROCEEDING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "SPEECH" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CP_R4(1, CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0010'B,5))	(P)	CALL PROC: BCAP="speech"
					PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S3(CIC_VAL,'00'B,'00'O))		TMU_VAL=SPEECH
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103020_02 <b>Group</b> : DSS1_ISUP/ACM/TC103020/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1 kHz" and the Access Transport Parameter (ATP) set to "No BC". sends a CALL PROCEEDING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1 kHz Audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CP_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B, 5))	(P)	CALL PROC: BCAP="3.1kHz" PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S3(CIC_VAL, '00'B, '03'O))		TMU_VAL=3.1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103020_03 <b>Group</b> : DSS1_ISUP/ACM/TC103020/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "speech" and the Access Transport Parameter (ATP) set to "3.1 kHz". sends a CALL PROCEEDING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CP_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B, 5))	(P)	CALL PROC: BCAP="3.1kHz"
					PI.loc=Public Ntw serving local usr
					PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL, '00'B, '00'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		TMU_VAL=speech
					ATP_VAL:BC=3.1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103020_04 <b>Group</b> : DSS1-ISUP/ACM/TC103020/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "speech" and the Access Transport Parameter (ATP) set to "speech". sends a CALL PROCEEDING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CP_R4(1, CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0010'B,5))	(P)	CALL PROC: BCAP="speech" PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL,'00'B,'00'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))		TMU_VAL=speech ATP_VAL:BC=speech
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103020_05 <b>Group</b> : DSS1_ISUP/ACM/TC103020/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1kHz" and the Access Transport Parameter (ATP) set to "speech". sends a CALL PROCEEDING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CP_R4(1, CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0010'B,5))	(P)	CALL PROC: BCAP="speech"
					PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL,'00'B,'03'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))		TMU_VAL=3.1 kHz ATP_VAL:BC=speech
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103020_06 <b>Group</b> : DSS1-ISUP/ACM/TC103020/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1kHz" and the Access Transport Parameter (ATP) set to "3.1kHz". sends a CALL PROCEEDING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1kHz" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CP_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B, 5))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL, '00'B, '03'0, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		TMU_VAL=3.1 kHz ATP_VAL:BC=3.1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103021_01 <b>Group</b> : DSS1_ISUP/ACM/TC103021/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "SPEECH" and the Access Transport Parameter (ATP) set to "No BC". sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "SPEECH" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(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	TrR(P_ACM_S3(CIC_VAL, '01'B, '00'O))		TMU_VAL=SPEECH
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103021_02 <b>Group</b> : DSS1-ISUP/ACM/TC103021/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1 kHz" and the Access Transport Parameter (ATP) set to "No BC". sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1 kHz Audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO))	(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	TrR(P_ACM_S3(CIC_VAL,'01'B,'03'O))		TMU_VAL=3.1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC103021\_03  
**Group** : DSS1\_ISUP/ACM/TC103021/  
**Purpose** : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "speech" and the Access Transport Parameter (ATP) set to "3.1 kHz".  
 sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1 kHz audio"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.3.2 table 11  
 ETS 300 403-1 subclause 5.1.5  
 Q.764 subclause 2.1.4.2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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	TrR(P_ACM_S4(CIC_VAL, '01'B, '00'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		TMU_VAL=speech ATP_VAL:BC=3.1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103021_04 <b>Group</b> : DSS1-ISUP/ACM/TC103021/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "speech" and the Access Transport Parameter (ATP) set to "speech". sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL, '01'B, '00'O, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))		TMU_VAL=speech ATP_VAL:BC=speech
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC103021\_05  
**Group** : DSS1\_ISUP/ACM/TC103021/  
**Purpose** : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1kHz" and the Access Transport Parameter (ATP) set to "speech".  
 sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "speech"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.3.2 table 11  
 ETS 300 403-1 subclause 5.1.5  
 Q.764 subclause 2.1.4.2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL, '01'B, '03'O, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))		TMU_VAL=3.1 kHz ATP_VAL:BC=speech
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103021_06 <b>Group</b> : DSS1_ISUP/ACM/TC103021/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1kHz" and the Access Transport Parameter (ATP) set to "3.1kHz". sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1kHz" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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	TrR(P_ACM_S4(CIC_VAL, '01'B, '03'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		TMU_VAL=3.1 kHz ATP_VAL:BC=3.1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103022_01 <b>Group</b> : DSS1_ISUP/ACM/TC103022/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "SPEECH" and the Access Transport Parameter (ATP) set to "No BC". sends a PROGRESS message with a progress indicator with the progress indicator "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "SPEECH" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '0010'B, 5))	(P)	PROGRESS: BCAP="speech"
					PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S3(CIC_VAL, '00'B, '00'O))		TMU_VAL=SPEECH
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103022_02 <b>Group</b> : DSS1_ISUP/ACM/TC103022/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "SPEECH" and the Access Transport Parameter (ATP) set to "No BC". sends a PROGRESS message with a progress indicator with the progress indicator "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "SPEECH" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3( PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDI TA_ANYR,PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B,5))	(P)	PROGRESS: BCAP="speech" PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S3(CIC_VAL,'00'B,'0 3'O))		TMU_VAL=SPEECH
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC103022\_03  
**Group** : DSS1\_ISUP/ACM/TC103022/  
**Purpose** : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "SPEECH" and the Access Transport Parameter (ATP) set to "3.1 kHz".  
sends a PROGRESS message with a progress indicator with the progress indicator "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1 kHz audio"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.3.2 table 11  
ETS 300 403-1 subclause 5.1.5  
Q.764 subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_BC_FALLBACK_3( PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDI TA_ANYR,PX_BCAPV_UDITA_ANYR)			
9		+PTC1_SYNC_0			
10		START TWAIT L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B,5))	(P)	PROGRESS: BCAP="3.1 kHz" PI.loc=Publi c Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PR_N03_2			
19		+PTC2_SYNC L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL,'00'B, '00'O,PX_BCAPL_3_1KHZ_AUDIO,P X_BCAPV_3_1KHZ_AUDIO))		TMU_VAL=spee ch ATP_VAL:BC=3 .1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103022_04 <b>Group</b> : DSS1_ISUP/ACM/TC103022/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "SPEECH" and the Access Transport Parameter (ATP) set to "SPEECH". sends a PROGRESS message with a progress indicator with the progress indicator "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "SPEECH" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3( PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '0010'B,5))	(P)	PROGRESS: BCAP1="speech" BCAP2="speech" PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL,'00'B,'00'0,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))		TMU_VAL=speech ATP_VAL:BC=speech
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103022_05 <b>Group</b> : DSS1_ISUP/ACM/TC103022/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1 kHz" and the Access Transport Parameter (ATP) set to "SPEECH". sends a PROGRESS message with a progress indicator with the progress indicator "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "SPEECH" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_BC_FALLBACK_3( PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
9		+PTC1_SYNC_0			
10		START TWAIT L1?PDUR CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '0010'B,5))	(P)	PROGRESS: BCAP="speech" PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
16		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PR_N03_2			
19		+PTC2_SYNC L2!P_PDUs	TrR(P_ACM_S4(CIC_VAL,'00'B,'03'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))		TMU_VAL=3.1 kHz ATP_VAL:BC=speech
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103022_06 <b>Group</b> : DSS1_ISUP/ACM/TC103022/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value "3.1 kHz" and the Access Transport Parameter (ATP) set to "3.1 kHz". sends a PROGRESS message with a progress indicator with the progress indicator "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded "3.1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 11 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3( PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDI TA_ANYR,PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B,5))	(P)	PROGRESS: BCAP="3.1 kHz" PI.loc=Publi c Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUS	TrR(P_ACM_S4(CIC_VAL,'00'B,'0 3'O,PX_BCAPL_3_1KHZ_AUDIO,PX_ BCAPV_3_1KHZ_AUDIO))		TMU_VAL=3.1 kHz ATP_VAL:BC=3 .1 kHz
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC103023

**Group** : DSS1\_ISUP/ACM/

**Purpose** : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and containing an Access Transport Parameter (ATP) including a High Layer Compatibility (HLC) and containing the progress indicator #5: "interworking has occurred and has resulted in a telecommunication service change", sends a CALL PROCEEDING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the HLC.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 subclause 2.1.1.3.2 table 12  
ETS 300 403-1 subclause 5.1.5  
Q.764 subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_1			
8		+PTC1_SYNC_0			
9		L1?PDUR CANCEL TWAIT	Mr(CP_R5(1, CREF,'0010'B,5))	(P)	
10		+PTC1_SYNC_0			
11		+ PO_SR_1(0)			
12		?TIMEOUT TWAIT		(I)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N02_2			
17		+PTC2_SYNC			
18		L2!P_PDUs	TrR(P_ACM_S5(CIC_VAL,'00'B,'0010'B,5))		ACM: PI.loc=Public Ntw serving local usr PI.pd="#5" HLC
19		+PTC2_SYNC			
20		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103024 <b>Group</b> : DSS1-ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and containing an Access Transport Parameter (ATP) including a High Layer Compatibility (HLC) and containing the progress indicator #5: "interworking has occurred and has resulted in a telecommunication service change", sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the HLC. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 12 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R4(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S5(CIC_VAL,'01'B,'010'B,5))		ACM: PI.loc=Public Ntw serving local usr PI.pd="#5" HLC
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC103025

**Group** : DSS1\_ISUP/ACM/

**Purpose** : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and containing an Access Transport Parameter (ATP) including a High Layer Compatibility (HLC) and containing the progress indicator #5: "interworking has occurred and has resulted in a telecommunication service change", sends a PROGRESS message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the HLC.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 subclause 2.1.1.3.2 table 12  
ETS 300 403-1 subclause 5.1.5  
Q.764 subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R4(1, CREF,'0010'B,5))	(P)	PROGRESS: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0		(I)	
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S5(CIC_VAL,'00'B,'0010'B,5))		ACM: PI.loc=Public Ntw serving local usr PI.pd="#5" HLC
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103026 <b>Group</b> : DSS1-ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and containing an Access Transport Parameter (ATP) including a High Layer Compatibility (HLC) and containing the progress indicator #5: "interworking has occurred and has resulted in a telecommunication service change", sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the HLC. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 12 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R4(1, CREF))	(P)	ALERTING PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0		(I)	
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S5(CIC_VAL,'01'B,'0010'B,5))		ACM: PI.loc=Public Ntw serving local usr PI.pd="#5" HLC
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103028 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", with a cause parameter set to CV_ISUP and the OBCI with the in-band information is set to "yes", sends a DISCONNECT message with the progress indicator set to "In-band information or appropriate pattern now available (#8)" and the cause information element set to CV_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 8 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R2(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S7(CIC_VAL,'00'B,'1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103030 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", with a cause parameter set to CV_ISUP and the OBCI with the in-band information set to "yes", sends a DISCONNECT message with the progress indicator set to "in-band information or appropriate pattern now available (#8)" and the cause information element set to CV_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 8 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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_R2(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_PDUs	TrR(P_ACM_S7(CIC_VAL, '00'B, '1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC103032  
**Group** : DSS1\_ISUP/ACM/  
**Purpose** : Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", with a cause parameter set to CV\_ISUP and the OBCI with the in-band information set to "yes", sends a DISCONNECT message with the progress indicator set to "in-band information or appropriate pattern now available (#8)" and the cause information element set to CV\_ISDN.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 subclause 2.1.1.3.2 table 8  
ETS 300 403-1 subclause 5.1.5  
Q.764 subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R2(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S7(CIC_VAL,'01'B,'1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC103033 <b>Group</b> : DSS1_ISUP/ACM/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", with a cause parameter set to CV_ISUP and the OBCI with the in-band information set to "yes", sends a DISCONNECT message with the progress indicator set to "in-band information or appropriate pattern now available (#8)" and the cause information element set to CV_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 subclause 2.1.1.3.2 table 8 ETS 300 403-1 subclause 5.1.5 Q.764 subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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_R2(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_PDUs	TrR(P_ACM_S7(CIC_VAL, '01'B, '1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC104001 <b>Group</b> : DSS1_ISUP/CPG/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" without BCI included, sends an ALERTING message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 14, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_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(ALT_R(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_PDUs	TrR(P_ACM_S(CIC_VAL))	
20		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))	
21		+PTC2_SYNC		
22		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC104002 <b>Group</b> : DSS1-ISUP/CPG/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the ATP containing the progress indicator PI_VALUE, sends an ALERTING message containing a progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 14, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_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(ALT_R1(1,CREF,?,PX_PI_PD))	(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	TrR(P_ACM_S(CIC_VAL))	
20		L2!P_PDUs	TrR(P_CPG_S7(CIC_VAL,'0010'B,PX_PI_PD,1))	
21		+PTC2_SYNC		
22		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC104003 <b>Group</b> : DSS1_ISUP/CPG/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and no parameter is included, sends no message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 14, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_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 TNOAC		
10		?TIMEOUT TNOAC		
11		+PTC1_SYNC_0		
12		+ PO_SR_1(0)		
		PTC2_IN		
13		ACTIVATE(OtherwiseFail_2)		
14		+PR_N03_2		
15		+PTC2_SYNC		
16		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))	
17		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,2))	
18		+PTC2_SYNC		
19		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC104004 <b>Group</b> : DSS1-ISUP/CPG/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and no parameter is included, sends no message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 14, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N04_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N04_1		
8		+PTC1_SYNC_0		
9		START TNOAC		
10		?TIMEOUT TNOAC		
11		+PTC1_SYNC_0		
12		+ PO_SR_1(0)		
		PTC2_IN		
13		ACTIVATE(OtherwiseFail_2)		
14		+PR_N04_2		
15		+PTC2_SYNC		
16		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,2))	
17		+PTC2_SYNC		
18		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104007_01 <b>Group</b> : DSS1_ISUP/CPG/TC104007/ <b>Purpose</b> : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No" and having received the ACM message with the same parameters, sends no message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N04_1			
9		+PTC1_SYNC_0			
10		START TNOAC			
11		?TIMEOUT TNOAC			
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N04_2_1('1'B,'1'B,'0'B)			
17		+PTC2_SYNC			
18		L2!P_PDUs			
19		+PTC2_SYNC			
20		+ PO_RR_2			
			TrR(P_CPG_S1(CIC_VAL,2,'01'B,'1'B,'1'B,'0'B))	(P)	
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104007_02 <b>Group</b> : DSS1_ISUP/CPG/TC104007/ <b>Purpose</b> : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "Yes" and having received the ACM message with the same parameters, sends no message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N04_2_1('1'B,'1'B,'1'B)			
15		+PTC2_SYNC			
16		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'01'B,'1'B,'1'B,'1'B))		
17		+PTC2_SYNC			
18		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104007_03 <b>Group</b> : DSS1-ISUP/CPG/TC104007/ <b>Purpose</b> : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "non-ISDN" and the OBCI with the in-band information set to "no" and having received the ACM message with the same parameters, sends no message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N04_1			
9		+PTC1_SYNC_0			
10		START TNOAC			
11		?TIMEOUT TNOAC			
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N04_2_1('1'B,'0'B,'0'B)			
17		+PTC2_SYNC			
18		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'01'B,'1'B,'0'B,'0'B))		
19		+PTC2_SYNC			
20		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104007_04 <b>Group</b> : DSS1-ISUP/CPG/TC104007/ <b>Purpose</b> : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "non-ISDN" and the OBCI with the in-band information set to "Yes" and having received the ACM message with the same parameters, sends no message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N04_2_1('1'B,'0'B,'1'B)			
15		+PTC2_SYNC			
16		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'01'B,'1'B,'0'B,'1'B))		
17		+PTC2_SYNC			
18		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104007_05 <b>Group</b> : DSS1_ISUP/CPG/TC104007/ <b>Purpose</b> : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ISUP indicator is set to "ISUP not used all the way", the ISDN access indicator is set to "non-ISDN" and the OBCI with the in-band information set to "no" and having received the ACM message with the same parameters, sends no message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N04_1			
9		+PTC1_SYNC_0			
10		START TNOAC			
11		?TIMEOUT TNOAC			
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N04_2_1('0'B,'0'B,'0'B)			
17		+PTC2_SYNC			
18		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'01'B,'0'B,'0'B,'0'B))		
19		+PTC2_SYNC			
20		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104007_06 <b>Group</b> : DSS1-ISUP/CPG/TC104007/ <b>Purpose</b> : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ISUP indicator is set to "ISUP not used all the way", the ISDN access indicator is set to "non-ISDN" and the OBCI with the in-band information set to "Yes" and having received the ACM message with the same parameters, sends no message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N04_2_1('0'B,'0'B,'1'B)			
15		+PTC2_SYNC			
16		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'01'B,'0'B,'0'B,'1'B))		
17		+PTC2_SYNC			
18		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104008\_01  
**Group** : DSS1\_ISUP/CPG/TC104008/  
**Purpose** : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the ISUP indicator is set to "ISUP not used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends an ALERTING message with the progress indicator information element set to "Call is not end-to-end ISDN(#1)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 15,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(ALT_R1(1, CREF,?,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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,1,'00'B,'0'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104008_02 <b>Group</b> : DSS1_ISUP/CPG/TC104008/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "non ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends an ALERTING message with the progress indicator information element set to "Destination address is non- ISDN(#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(ALT_R1(1, CREF,?,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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,1,'00'B,'1'B,'0'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104008\_03  
**Group** : DSS1\_ISUP/CPG/TC104008/  
**Purpose** : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "non ISDN" and the OBCI with the in-band information set to "Yes" (parameters different from the previous ACM received), sends an ALERTING message with the progress indicator information element set to "Destination address is non-ISDN(#2)" and "In-band information or appropriate pattern now available(#8)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 15,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(ALT_R6(1, CREF,?,2,?,8))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUR CANCEL TWAIT	Mr(ALT_R6(1, CREF,?,8,?,2))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N03_2_1('1'B,'1'B,'0'B)			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,1,'00'B,'1'B,'0'B,'1'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104008_04 <b>Group</b> : DSS1_ISUP/CPG/TC104008/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends an ALERTING message with the progress indicator information element set to "Call has returned to the ISDN(#4)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(ALT_R1(1, CREF,?,4))	(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_1('1'B,'0'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,1,'00'B,'1'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104008\_05  
**Group** : DSS1\_ISUP/CPG/TC104008/  
**Purpose** : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "Yes"(parameters different from the previous ACM received), sends an ALERTING message with the progress indicator information element set to "In-band information or appropriate pattern now available(#8)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 15,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(ALT_R1(1, CREF,?,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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,1,'00'B,'1'B,'1'B,'1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104009_01 <b>Group</b> : DSS1-ISUP/CPG/TC104009/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ISUP indicator is set to "ISUP not used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "Call is not end-to-end ISDN(#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R1(1, CREF,?,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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B,'0'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC104009_02 <b>Group</b> : DSS1_ISUP/CPG/TC104009/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "non ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "Destination address is non-ISDN(#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_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(PG_R1(1, CREF,?,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_1('1'B,'1'B,'0'B)		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B,'1'B,'0'B,'0'B))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104009_03 <b>Group</b> : DSS1_ISUP/CPG/TC104009/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends an PROGRESS message with the progress indicator information element set to "Call has returned to the ISDN(#4)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R1(1, CREF,?,4))	(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_1('1'B,'0'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B,'1'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104010\_01  
**Group** : DSS1\_ISUP/CPG/TC104010/  
**Purpose** : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ISUP indicator is set to "ISUP not used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "Call is not end-to-end ISDN(#1)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 15,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R1(1, CREF,?,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_N04_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'01'B,'0'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104010_02 <b>Group</b> : DSS1_ISUP/CPG/TC104010/ <b>Purpose</b> : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "non ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "Destination address is non-ISDN(#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R1(1, CREF,?,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_N04_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'01'B,'1'B,'0'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104010_03 <b>Group</b> : DSS1_ISUP/CPG/TC104010/ <b>Purpose</b> : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends an PROGRESS message with the progress indicator information element set to "Call has returned to the ISDN(#4)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R1(1, CREF,?,4))	(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_1('1'B,'0'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'01'B,'1'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104011_01 <b>Group</b> : DSS1-ISUP/CPG/TC104011/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "In-band info or an appropriate pattern is now available" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "In-band information or appropriate pattern now available(#8)".  <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R1(1, CREF,?,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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,3,'00'B,'1'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104011\_02  
**Group** : DSS1\_ISUP/CPG/TC104011/  
**Purpose** : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "In-band info or an appropriate pattern is now available" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "non-ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "In-band information or appropriate pattern now available(#8)" and "Destination address is non-ISDN(#2)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 15,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R2(1, CREF,?,8,?,2))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUr CANCEL TWAIT	Mr(PG_R2(1, CREF,?,2,?,8))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N03_2_1('1'B,'1'B,'0'B)			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,3,'00'B,'1'B,'0'B,'0'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			

**Detailed Comments** :



## Test Case Dynamic Behaviour

**Test Case Name** : TC104011\_03

**Group** : DSS1\_ISUP/CPG/TC104011/

**Purpose** : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "In-band info or an appropriate pattern is now available" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "In-band information or appropriate pattern now available(#8)" and "Destination address is non-ISDN(#4)".

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 15,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R2(1, CREF,?,8,?,4))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUr CANCEL TWAIT	Mr(PG_R2(1, CREF,?,4,?,8))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N03_2_1('1'B,'0'B,'0'B)			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,3,'00'B,'1'B,'1'B,'0'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC104011\_04  
**Group** : DSS1-ISUP/CPG/TC104011/  
**Purpose** : Ensure that the SUT in the state N3 on receipt of a CPG message where the event information parameter event indicator is set to "In-band info or an appropriate pattern is now available" and the ISUP indicator is set to "ISUP not used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "In-band information or appropriate pattern now available(#8)" and "Destination address is non-ISDN(#1)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 15,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R2(1, CREF,?,8,?,1))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUr CANCEL TWAIT	Mr(PG_R2(1, CREF,?,1,?,8))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N03_2_1('1'B,'1'B,'0'B)			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,3,'00'B,'0'B,'1'B,'0'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104012_01 <b>Group</b> : DSS1-ISUP/CPG/TC104012/ <b>Purpose</b> : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "In-band info or an appropriate pattern is now available" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "In-band information or appropriate pattern now available(#8)".  <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 15, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R1(1, CREF,?,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_N04_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,3,'01'B,'1'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104012\_02  
**Group** : DSS1\_ISUP/CPG/TC104012/  
**Purpose** : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "In-band info or an appropriate pattern is now available" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "non-ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "In-band information or appropriate pattern now available(#8)" and "Destination address is non-ISDN(#2)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 15,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R2(1, CREF,?,8,?,2))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUr CANCEL TWAIT	Mr(PG_R2(1, CREF,?,2,?,8))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N04_2_1('1'B,'1'B,'0'B)			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,3,'01'B,'1'B,'0'B,'0'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC104012\_03

**Group** : DSS1\_ISUP/CPG/TC104012/

**Purpose** : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "In-band info or an appropriate pattern is now available" and the ISUP indicator is set to "ISUP used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "In-band information or appropriate pattern now available(#8)" and "Destination address is non-ISDN(#4)".

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 15,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R2(1, CREF,?,8,?,4))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUr CANCEL TWAIT	Mr(PG_R2(1, CREF,?,4,?,8))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N04_2_1('1'B,'0'B,'0'B)			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,3,'01'B,'1'B,'1'B,'0'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC104012\_04  
**Group** : DSS1\_ISUP/CPG/TC104012/  
**Purpose** : Ensure that the SUT in the state N4 on receipt of a CPG message where the event information parameter event indicator is set to "In-band info or an appropriate pattern is now available" and the ISUP indicator is set to "ISUP not used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information set to "No"(parameters different from the previous ACM received), sends a PROGRESS message with the progress indicator information element set to "In-band information or appropriate pattern now available(#8)" and "Destination address is non-ISDN(#1)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 15,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R2(1, CREF,?,8,?,1))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		L1?PDUr CANCEL TWAIT	Mr(PG_R2(1, CREF,?,1,?,8))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N04_2_1('1'B,'1'B,'0'B)			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,3,'00'B,'0'B,'1'B,'0'B))		
23		+PTC2_SYNC			
24		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104013_01 <b>Group</b> : DSS1-ISUP/CPG/TC104013/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the Transmission medium requirement is included with the value "speech" and the Access Transport Parameter is set to "no BC". sends an ALERTING message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S2(CIC_VAL, 1, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104013\_02  
**Group** : DSS1\_ISUP/CPG/TC104013/  
**Purpose** : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "no BC", sends an ALERTING message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "3,1kHz audio".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S2(CIC_VAL, 1, '03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104013_03 <b>Group</b> : DSS1_ISUP/CPG/TC104013/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "no BC", sends an ALERTING message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "3,1kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF,PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL,1,'00'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104013_04 <b>Group</b> : DSS1_ISUP/CPG/TC104013/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the Transmission medium requirement is included with the value "speech" and the Access Transport Parameter is set to "speech". sends an ALERTING message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(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_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL, 1, '00'0, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104013_05 <b>Group</b> : DSS1_ISUP/CPG/TC104013/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "speech". sends an ALERTING message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL, 1, '03'O, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC104013_06 <b>Group</b> : DSS1_ISUP/CPG/TC104013/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "no BC", sends an ALERTING message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "3,1kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_BC_FALLBACK_3(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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_1('1'B, '1'B, '0'B)		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL, 1, '03'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
Detailed Comments :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104014_01 <b>Group</b> : DSS1-ISUP/CPG/TC104014/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "speech" and the Access Transport Parameter is set to "no BC". sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '0010'B, 5))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S2(CIC_VAL, 2, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104014_02 <b>Group</b> : DSS1-ISUP/CPG/TC104014/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "no BC", sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "3,1kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B, 5))	(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_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S2(CIC_VAL, 2, '03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104014_03 <b>Group</b> : DSS1_ISUP/CPG/TC104014/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "no BC", sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "3,1kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B, 5))	(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_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL, 2, '00'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104014_04 <b>Group</b> : DSS1_ISUP/CPG/TC104014/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "speech" and the Access Transport Parameter is set to "speech". sends an ALERTING message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '0010'B, 5))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL, 2, '00'0, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104014_05 <b>Group</b> : DSS1_ISUP/CPG/TC104014/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "speech". sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '0010'B, 5))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL, 2, '03'O, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104014\_06  
**Group** : DSS1-ISUP/CPG/TC104014/  
**Purpose** : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "no BC", sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded "3,1kHz audio".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_BC_FALLBACK_3(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B, 5))	(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_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL, 2, '03'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104015_01 <b>Group</b> : DSS1-ISUP/CPG/TC104015/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "speech" and the Access Transport Parameter is set to "no BC", sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change(#5)" and the BC encoded "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_1(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '0010'B,5))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S2(CIC_VAL,2,'00'O) )		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104015_02 <b>Group</b> : DSS1_ISUP/CPG/TC104015/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "no BC", sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change(#5)" and the BC encoded "3,1kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N04_1_1(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO)			
9		+PTC1_SYNC_0			
10		START TWAIT L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B, 5))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PR_N04_2_1('1'B, '1'B, '0'B)			
19		+PTC2_SYNC L2!P_PDUs	TrR(P_CPG_S2(CIC_VAL, 2, '03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104015_03 <b>Group</b> : DSS1_ISUP/CPG/TC104015/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "speech" and the Access Transport Parameter is set to "3,1kHz", sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change(#5)" and the BC encoded "3,1kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_1(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B, 5))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL, 2, '00'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104015_04 <b>Group</b> : DSS1_ISUP/CPG/TC104015/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "speech" and the Access Transport Parameter is set to "speech", sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change(#5)" and the BC encoded "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_1(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, PX_BCAPL_SPEECH,PX_BCAPV_SPEECH)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '0010'B,5))	(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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL,2,'00'O, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104015_05 <b>Group</b> : DSS1-ISUP/CPG/TC104015/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "speech", sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change(#5)" and the BC encoded "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_1(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, PX_BCAPL_SPEECH,PX_BCAPV_SPEECH)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '0010'B,5))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL,2,'03'O, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104015\_06  
**Group** : DSS1\_ISUP/CPG/TC104015/  
**Purpose** : Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the Transmission medium requirement is included with the value "3,1kHz" and the Access Transport Parameter is set to "3,1kHz", sends a PROGRESS message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change(#5)" and the BC encoded "3,1kHz".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 11, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_1(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(PG_R3(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '0010'B,5))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S3(CIC_VAL,2,'03'O, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104016 <b>Group</b> : DSS1_ISUP/CPG/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and containing an Access Transport Parameter including a High Layer Compatibility(HLC) and containing the progress indicator #5: "interworking has occurred and has resulted in a telecommunication service change", sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change(#5)" and with the HLC. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 12, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(ALT_R4(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_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S4(CIC_VAL,1))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104017 <b>Group</b> : DSS1_ISUP/CPG/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and containing an Access Transport Parameter including a High Layer Compatibility(HLC) and containing the progress indicator #5: "interworking has occurred and has resulted in a telecommunication service change", sends a PROGRESS message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change(#5)" and with the HLC. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 12, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R4(1, CREF,'0010'B,5))	(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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S4(CIC_VAL,2))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104018 <b>Group</b> : DSS1-ISUP/CPG/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and containing an Access Transport Parameter including a High Layer Compatibility (HLC) and containing the progress indicator #5: "interworking has occurred and has resulted in a telecommunication service change", sends a PROGRESS message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the HLC. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2, 2.1.1.3.2 Table 12, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_1			
8		START TWAIT			
9		L1?PDUr CANCEL TWAIT	Mr(ALT_R(1, CREF))		
10		+PTC1_SYNC_0			
11		L1?PDUr CANCEL TWAIT	Mr(PG_R4(1, CREF, '0010'B, 5))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N04_2_1('1'B, '1'B, '0'B)			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_CPG_S4(CIC_VAL, 2))		
24		+PTC2_SYNC			
25		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104022  
**Group** : DSS1\_ISUP/CPG/  
**Purpose** : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "in-band information or an appropriate pattern is now available" with a cause parameter set to CV\_ISUP, sends a DISCONNECT message with the cause value set to CV\_ISDN and the progress indicator set to "In-band information or appropriate pattern now available (#8)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 13,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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_R2(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_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_CPG_S5(CIC_VAL, 3))		
21		+PTC2_SYNC			
22		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104023 <b>Group</b> : DSS1_ISUP/CPG/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "in-band information or an appropriate pattern is now available" with a cause parameter set to CV_ISUP, sends a DISCONNECT message with the cause value set to CV_ISDN and the progress indicator set to "In-band information or appropriate pattern now available (#8)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 13, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R2(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_N04_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S5(CIC_VAL,3))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC104025  
**Group** : DSS1\_ISUP/CPG/  
**Purpose** : Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" with a cause parameter set to CV\_ISUP and the OBCI in-band information set to "Yes", sends a DISCONNECT message with the cause value set to CV\_ISDN and the progress indicator set to "In-band information or appropriate pattern now available (#8)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [2] subclause 2.1.1.4.2 Table 13,  
ETS 300 403-1 subclause 5.1.5,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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_R2(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_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_CPG_S6(CIC_VAL, 2))		
21		+PTC2_SYNC			
22		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104026 <b>Group</b> : DSS1_ISUP/CPG/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" with a cause parameter set to CV_ISUP and the OBCI in-band information set to "Yes", sends a DISCONNECT message with the cause value set to CV_ISDN and the progress indicator set to "In-band information or appropriate pattern now available (#8)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 13, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R2(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_N04_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CPG_S6(CIC_VAL,2))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104027_01 <b>Group</b> : DSS1_ISUP/CPG/TC104027/ <b>Purpose</b> : Ensure that the SUT in the state N4 , having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ATP containing the progress indicator "Call is not end-to-end ISDN (#1)", the ISUP indicator parameter set to "ISUP used all the way" and the ISDN access indicator set to "ISDN" sends a PROGRESS message containing a progress indicator set to "Call is not end-to-end ISDN (#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 14, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R1(1,CREF,?,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_N04_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_CPG_S7(CIC_VAL,'0010'B,1,2))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC104027_02					
<b>Group</b> : DSS1_ISUP/CPG/TC104027/					
<b>Purpose</b> : Ensure that the SUT in the state N4 , having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Progress" and the ATP containing the progress indicator "Destination address is non-ISDN (#2)", the ISUP indicator parameter set to "ISUP used all the way" and the ISDN access indicator set to "ISDN" sends a PROGRESS message containing a progress indicator set to "Destination address is non-ISDN (#2)".					
<b>Configuration</b> : CONFIG1					
<b>Default</b> : OtherwiseFail					
<b>Comments</b> : Q.699 [2] subclause 2.1.1.4.2 Table 14, ETS 300 403-1 subclause 5.1.5, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(PG_R1(1,CREF,?,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_N04_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_CPG_S7(CIC_VAL,'0010'B,2,2))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105001 <b>Group</b> : DSS1_ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message, sends a CONNECT. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.2.5, ETS 300 403 subclause 5.1, Q.764 [3] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(CN_R(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_PDUs	TrR(P_ACM_S(CIC_VAL))		
20		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105002 <b>Group</b> : DSS1-ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message sends a CONNECT. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.2.5, ETS 300 403 subclause 5.1, Q.764 [3] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R(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_N04_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC105003 <b>Group</b> : DSS1_ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing a progress indicator set to PI_VALUE in the ATP sends a CONNECT included the progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [2] subclause 2.1.2.5, ETS 300 403 subclause 5.1, Q.764 [3] subclause 2.1.7				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_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(CN_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_PDUs	TrR(P_ACM_S(CIC_VAL))	
20		L2!P_PDUs	TrR(P_ANM_S1(CIC_VAL))	
21		+PTC2_SYNC		
22		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105004 <b>Group</b> : DSS1-ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing a progress indicator set to PI_VALUE in the ATP sends a CONNECT included the progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : QQ.699 [3] subclauses 2.1.1.5., ETS 300 403 subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_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_N04_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S1(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105005_01 <b>Group</b> : DSS1_ISUP/ANM/TC105005/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing a Backward call indicator with the ISUP indicator set to "ISUP not used all the way" sends a CONNECT included the progress indicator set to "Call is not end-to-end: further progress information may be available in-band(#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 16, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(CN_R2(1, CREF, ?, 1))	(P)	CN: PI.pd="#1"
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_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S2(CIC_VAL, '00'B, '0'B, '1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105005_02 <b>Group</b> : DSS1-ISUP/ANM/TC105005/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing a Backward call indicator with the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "terminating acces non-ISDN" sends a CONNECT included the progress indicator set to "Destination Address is non-ISDN(#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 16, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(CN_R2(1, CREF, ?, 2))	(P)	CN: PI.pd="#2"
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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S2(CIC_VAL,'00'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105006_01 <b>Group</b> : DSS1_ISUP/ANM/TC105006/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing a Backward call indicator with the ISUP indicator set to "ISUP not used all the way" sends a CONNECT included the progress indicator set to "Destination Address is non-ISDN(#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 16, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R2(1, CREF,?, 1))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#1"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S2(CIC_VAL,'00'B,'0'B,'1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments :</b>					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105006_02 <b>Group</b> : DSS1-ISUP/ANM/TC105006/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing a Backward call indicator with the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "terminating acces non-ISDN" sends a CONNECT included the progress indicator set to "Destination Address is non-ISDN(#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 16, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R2(1, CREF,?, 2))	(P)	CN: PI.pd="#2"
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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S2(CIC_VAL,'00'B,'1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105007 <b>Group</b> : DSS1_ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing a Backward call indicator with the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "terminating access ISDN", having previously received an ACM with the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "terminating access non-ISDN" sends a CONNECT included the progress indicator set to "Call has returned to the ISDN (#4)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 16, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(CN_R2(1, CREF, '0010'B, 4))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#4"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '0'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S2(CIC_VAL, '00'B, '1'B, '1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105008 <b>Group</b> : DSS1-ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing a Backward call indicator with the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "terminating access ISDN", having previously received an ACM with the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "terminating access non-ISDN" sends a CONNECT included the progress indicator set to "Call has returned to the ISDN (#4)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 16, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R2(1, CREF, '0010'B, 4))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#4"
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_1('1'B, '0'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S2(CIC_VAL, '00'B, '1'B, '1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105009_01 <b>Group</b> : DSS1_ISUP/ANM/TC105009/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "speech" and the ATP without Bearer Capability (BC) sends a CONNECT message with a progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" and with the BC encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N04_1_2 (PX_BCAPL_SPEECH,			
9		PX_BCAPV_SPEECH,			
10		PX_BCAPL_UDITA_ANYR,			
		PX_BCAPV_UDITA_ANYR)			
		+PTC1_SYNC_0			
		START TWAIT			
		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0		(I)	
15		+ PO_SR_1(0)			
16		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PR_N04_2_1('1'B, '1'B, '0'B)			
19		+PTC2_SYNC			
		L2!P_PDUs	TrR(P_ANM_S3(CIC_VAL, '00'B, '1'B, '1'B, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105009_02 <b>Group</b> : DSS1_ISUP/ANM/TC105009/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP without Bearer Capability (BC) sends a CONNECT message with a progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" and with the BC encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2 (PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S3(CIC_VAL,'00'B,'1'B,'1'B,'03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105010_01 <b>Group</b> : DSS1_ISUP/ANM/TC105010/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "speech" and the ATP without Bearer Capability (BC) sends a CONNECT message with a progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" and with the BC encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N04_1_2 (PX_BCAPL_SPEECH,			
9		PX_BCAPV_SPEECH,			
10		PX_BCAPL_UDITA_ANYR,			
		PX_BCAPV_UDITA_ANYR)			
		+PTC1_SYNC_0			
		START TWAIT			
		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0		(I)	
15		+ PO_SR_1(0)			
16		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PR_N04_2_1('1'B, '1'B, '0'B)			
19		+PTC2_SYNC			
		L2!P_PDUs	TrR(P_ANM_S3(CIC_VAL, '00'B, '1'B, '1'B, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105010_02 <b>Group</b> : DSS1_ISUP/ANM/TC105010/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP without Bearer Capability (BC) sends a CONNECT message with a progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" and with the BC encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_2 (PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S3(CIC_VAL,'00'B,'1'B,'1'B,'03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105011_01 <b>Group</b> : DSS1_ISUP/ANM/TC105011/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "speech" and the ATP set to "speech" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "speech" and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2 (PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUS	TrR(P_ANM_S9(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O, '0100'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105011_02 <b>Group</b> : DSS1_ISUP/ANM/TC105011/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "speech" and the ATP set to "3,1 kHz audio" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2 (PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S9(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '00'O, '0100'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105011_03 <b>Group</b> : DSS1_ISUP/ANM/TC105011/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "speech" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2 (PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
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_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S9(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '03'O, '0100'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105011_04 <b>Group</b> : DSS1_ISUP/ANM/TC105011/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "3,1 kHz audio" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2 (PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S9(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '03'O, '0100'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC105012\_01  
**Group** : DSS1\_ISUP/ANM/TC105012/  
**Purpose** : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "speech" and the ATP set to "speech" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "speech" and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_2 (PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S9(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O, '0100'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105012_02 <b>Group</b> : DSS1_ISUP/ANM/TC105012/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "speech" and the ATP set to "3,1 kHz audio" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_2 (PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S9(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '00'O, '0100'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105012_03 <b>Group</b> : DSS1_ISUP/ANM/TC105012/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "speech" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_2 (PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S9(CIC_VAL, '00'B, '1'B,'1'B, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '03'O, '0100'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments :</b>					

## Test Case Dynamic Behaviour

**Test Case Name** : TC105012\_04

**Group** : DSS1\_ISUP/ANM/TC105012/

**Purpose** : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "3,1 kHz audio" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)"

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclauses 2.1.1.5 Table 17, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_2 (PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S9(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '03'O, '0100'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105013 <b>Group</b> : DSS1_ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the ATP including the Bearer Capability set to "unrestricted digital information with tones/announcement" and without TMU parameter sends a CONNECT message with the Bearer Capability set to "unrestricted digital information with tones/announcement" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N03_1_2 (PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
9		+PTC1_SYNC_0			
10		START TWAIT			
11		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT			
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		+PR_N03_2_1('1'B, '1'B, '0'B)			
20		+PTC2_SYNC			
21		L2!P_PDUs	TrR(P_ANM_S5(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR))		
22		+PTC2_SYNC			
23		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105014 <b>Group</b> : DSS1-ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the ATP including the Bearer Capability set to "unrestricted digital information with tones/announcement" and without TMU parameter sends a CONNECT message with the Bearer Capability set to "unrestricted digital information with tones/announcement" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_2 (PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0		(I)	
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S5(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105015 <b>Group</b> : DSS1_ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the HLC parameter in the ATP set to HLC_VALUE sends a CONNECT message HLC information element set to HLC_VALUE <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R5(1, CREF,PX_HLCL1, PX_HLCV1))	(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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S6(CIC_VAL, '00'B, '1'B, '1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105016 <b>Group</b> : DSS1-ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the HLC parameter in the ATP set to HLC_VALUE sends a CONNECT message HLC information element set to HLC_VALUE <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_3			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R5(1, CREF,PX_HLCL1, PX_HLCV1))	(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_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S6(CIC_VAL, '00'B, '1'B, '1'B))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC105017 <b>Group</b> : DSS1_ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the HLC parameter in the ATP with an HLC set to HLC_VALUE and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the HLC information element set to HLC_VALUE and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N03_1_1		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(CN_R6(1, CREF,PX_HLCL2, PX_HLCV2, '0010'B, 5))	(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_1('1'B,'1'B,'0'B)		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_ANM_S7(CIC_VAL, '00'B, '1'B, '1'B))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC105018 <b>Group</b> : DSS1_ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the HLC parameter in the ATP with an HLC set to HLC_VALUE and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the HLC information element set to HLC_VALUE and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N04_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N04_1_3		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(CN_R6(1, CREF,PX_HLCL1, PX_HLCV1, '0010'B, 5))	(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_1('1'B,'1'B,'0'B)		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_ANM_S7(CIC_VAL, '00'B, '1'B, '1'B))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC105019 <b>Group</b> : DSS1_ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message that does not contain any HLC parameter in the Access transport parameter sends a CONNECT message without any the HLC information element <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N03_1_1		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(CN_R7(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_1('1'B,'1'B,'0'B)		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
<b>Detailed Comments :</b>				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105020 <b>Group</b> : DSS1-ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message that does not contain any HLC parameter in the Access transport parameter sends a CONNECT message without any the HLC information element <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R7(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_N04_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC105021 <b>Group</b> : DSS1_ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the LLC parameter in the ATP set to LLC_VALUE sends a CONNECT message LLC information element set to LLC_VALUE <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N03_1_1		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(CN_R8(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_1('1'B, '1'B, '0'B)		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_ANM_S8(CIC_VAL))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
<b>Detailed Comments</b> :				



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105022 <b>Group</b> : DSS1_ISUP/ANM/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the LLC parameter in the ATP set to LLC_VALUE sends a CONNECT message LLC information element set to LLC_VALUE <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R8(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_N04_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S8(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC105023\_01  
**Group** : DSS1\_ISUP/ANM/TC105023/  
**Purpose** : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "speech" and the ATP set to "speech" sends a CONNECT message with the Bearer capability encoded "speech"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclauses 2.1.1.5 Table 17.,  
ETS 300 403-1 [1], subclause 5.1,  
Q.764 [4] subclause 2.1.7;

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S4(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC105023\_02  
**Group** : DSS1-ISUP/ANM/TC105023/  
**Purpose** : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "speech" and the ATP set to "3,1 kHz audio" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclauses 2.1.1.5 Table 17.,  
ETS 300 403-1 [1], subclause 5.1,  
Q.764 [4] subclause 2.1.7;

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO,PX_BCAP V_3_1KHZ_AUDIO))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S4(CIC_VAL, '00'B, '1'B, '1'B,PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC105023_03 <b>Group</b> : DSS1_ISUP/ANM/TC105023/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "speech" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17., ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7;				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N03_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(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_1('1'B, '1'B, '0'B)		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_ANM_S4(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '03'O))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105023_04 <b>Group</b> : DSS1_ISUP/ANM/TC105023/ <b>Purpose</b> : Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "3,1 kHz audio" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17., ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7;					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S4(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '03'O))	(I)	
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC105024\_01  
**Group** : DSS1\_ISUP/ANM/TC105024/  
**Purpose** : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "speech" and the ATP set to "speech" sends a CONNECT message with the Bearer capability encoded "speech"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclauses 2.1.1.5 Table 17.,  
ETS 300 403-1 [1], subclause 5.1,  
Q.764 [4] subclause 2.1.7;

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S4(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105024_02 <b>Group</b> : DSS1_ISUP/ANM/TC105024/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "speech" and the ATP set to "3,1 kHz audio" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17., ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7;					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S4(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105024_03 <b>Group</b> : DSS1_ISUP/ANM/TC105024/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "speech" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17., ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7;					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B, '1'B, '0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S4(CIC_VAL, '00'B, '1'B, '1'B, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC105024_04 <b>Group</b> : DSS1_ISUP/ANM/TC105024/ <b>Purpose</b> : Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "3,1 kHz audio" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.5 Table 17., ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.7;					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO,PX_BCAP V_3_1KHZ_AUDIO))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N04_2_1('1'B,'1'B,'0'B)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ANM_S4(CIC_VAL, '00'B, '1'B, '1'B,PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC106001 <b>Group</b> : DSS1_ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message with the Called Line Status parameter set to "subscriber free" and the ISDN access indicator set to "ISDN", sends a CONNECT message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N02_1		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(CN_R(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_N02_2		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106002 <b>Group</b> : DSS1_ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message with the Called Line Status parameter set to "subscriber free" and the ISDN access indicator set to "ISDN" sends a CONNECT message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(CN_R(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_PDUs	TrR(P_CON_S1(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106003 <b>Group</b> : DSS1-ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message with the ATP containing a progress indicator set to ATP_PI_VALUE sends a CONNECT message with the progress indicator set to ATP_PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(CN_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_PDUs	TrR(P_CON_S2(CIC_VAL, PX_PI_LOC, PX_PI_PD))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106004 <b>Group</b> : DSS1_ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message with the ATP containing a progress indicator set to ATP_PI_VALUE sends a CONNECT message with the progress indicator set to ATP_PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S2(CIC_VAL, PX_PI_LOC, PX_PI_PD))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106005 <b>Group</b> : DSS1_ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the ATP with a Bearer Capability (BC) set to "unrestricted digital information with Tones/Announcements" sends a CONNECT message with the BC set to "unrestricted digital information with Tones/Announcements". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR))	(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	TrR(P_CON_S3(CIC_VAL,PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106006 <b>Group</b> : DSS1-ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message containing the ATP with a Bearer Capability (BC) set to "unrestricted digital information with Tones/Announcements" sends a CONNECT message with the BC set to "unrestricted digital information with Tones/Announcements". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUS	TrR(P_CON_S3(CIC_VAL,PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106007_01 <b>Group</b> : DSS1_ISUP/CON/TC106007/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message c containing the Transmission Medium Used set to "speech" and the ATP without Bearer Capability (BC) sends a CONNECT message with a progress indicator set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the BC encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N02_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
9		+PTC1_SYNC_0			
10		START TWAIT			
		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)		(I)	
16		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PR_N02_2			
19		+PTC2_SYNC			
20		L2!P_PDUs	TrR(P_CON_S5(CIC_VAL, '00'O))		
21		+PTC2_SYNC			
		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106007_02 <b>Group</b> : DSS1_ISUP/CON/TC106007/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP without Bearer Capability (BC) sends a CONNECT message with a progress indicator set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the BC encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S5(CIC_VAL, '03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106008_01 <b>Group</b> : DSS1_ISUP/CON/TC106008/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message c containing the Transmission Medium Used set to "speech" and the ATP without Bearer Capability (BC) sends a CONNECT message with a progress indicator set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the BC encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N03_1_2(PX_BCAPL_SPEECH,			
9		PX_BCAPV_SPEECH,			
10		PX_BCAPL_UDITA_ANYR,	Mr(CN_R3(1, CREF, '0010'B, 5,	(P)	CN: PI.loc=Publi c Ntw serving local usr PI.pd="#5"
		PX_BCAPV_UDITA_ANYR)	PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))		
11		+PTC1_SYNC_0			
12		START TWAIT			
13		L1?PDUr CANCEL TWAIT			
14					
15					
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PR_N03_2			
24		+PTC2_SYNC			
25		L2!P_PDUs	TrR(P_CON_S5(CIC_VAL, '00'O))		
26		+PTC2_SYNC			
27		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106008_02 <b>Group</b> : DSS1_ISUP/CON/TC106008/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP without Bearer Capability (BC) sends a CONNECT message with a progress indicator set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the BC encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	CN: PI.loc=Public Ntw serving local usr PI.pd="#5"
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	TrR(P_CON_S5(CIC_VAL, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC106009\_01  
**Group** : DSS1\_ISUP/CON/TC106009/  
**Purpose** : Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to "speech" and the ATP set to "speech" sends a CONNECT message with the Bearer capability encoded "speech"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclauses 2.1.1.6,  
ETS 300 403-1 [1], subclause 5.1,  
Q.764 [3] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S4(CIC_VAL, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106009_02 <b>Group</b> : DSS1_ISUP/CON/TC106009/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to "speech" and the ATP set to "3,1 kHz audio" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S4(CIC_VAL, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '00'0))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106009_03 <b>Group</b> : DSS1_ISUP/CON/TC106009/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "speech" sends a CONNECT message with the Bearer capability encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S4(CIC_VAL, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106009_04 <b>Group</b> : DSS1_ISUP/CON/TC106009/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "3,1 kHz audio" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S4(CIC_VAL, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106010_01 <b>Group</b> : DSS1_ISUP/CON/TC106010/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the Transmission Medium Used set to "speech" and the ATP set to "speech" sends a CONNECT message with the Bearer capability encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(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	TrR(P_CON_S4(CIC_VAL, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106010_02 <b>Group</b> : DSS1_ISUP/CON/TC106010/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the Transmission Medium Used set to "speech" and the ATP set to "3,1 kHz audio" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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	TrR(P_CON_S4(CIC_VAL, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '00'0))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106010_03 <b>Group</b> : DSS1_ISUP/CON/TC106010/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "speech" sends a CONNECT message with the Bearer capability encoded "speech" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(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	TrR(P_CON_S4(CIC_VAL, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106010_04 <b>Group</b> : DSS1_ISUP/CON/TC106010/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "3,1 kHz audio" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [3] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R4(1, CREF, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
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	TrR(P_CON_S4(CIC_VAL, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '03'O))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC106011_01 <b>Group</b> : DSS1_ISUP/CON/TC106011/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to "speech" and the ATP set to "speech" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "speech" and the progress indication set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N02_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(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_N02_2		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_CON_S9(CIC_VAL, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O, '0010'B, 5))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106011_02 <b>Group</b> : DSS1_ISUP/CON/TC106011/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to "speech" and the ATP set to "3,1 kHz audio" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" and the progress indication set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S9(CIC_VAL, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '00'O, '0010'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC106011\_03  
**Group** : DSS1\_ISUP/CON/TC106011/  
**Purpose** : Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "speech" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "speech" and the progress indication set to "interworking has occurred and has resulted in a telecommunication service change(#5)"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S9(CIC_VAL, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '03'O, '0010'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106011_04 <b>Group</b> : DSS1_ISUP/CON/TC106011/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "3,1 kHz audio" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" and the progress indication set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S9(CIC_VAL, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '03'O, '0010'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC106012\_01  
**Group** : DSS1\_ISUP/CON/TC106012/  
**Purpose** : Ensure that the SUT in the state N3 on receipt of a CON message containing the Transmission Medium Used set to "speech" and the ATP set to "speech" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "speech" and the progress indication set to "interworking has occurred and has resulted in a telecommunication service change(#5)"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S9(CIC_VAL, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O, '0010'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106012_02 <b>Group</b> : DSS1_ISUP/CON/TC106012/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the Transmission Medium Used set to "speech" and the ATP set to "3,1 kHz audio" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" and the progress indication set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
13		?TIMEOUT TWAIT			
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	TrR(P_CON_S9(CIC_VAL, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '00'O, '0010'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC106012_03 <b>Group</b> : DSS1_ISUP/CON/TC106012/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "speech" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "speech" and the progress indication set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N03_1_2(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH))	(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	TrR(P_CON_S9(CIC_VAL, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '03'O, '0010'B, 5))	
20		+PTC2_SYNC		
21		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106012_04 <b>Group</b> : DSS1_ISUP/CON/TC106012/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the Transmission Medium Used set to "3,1 kHz audio" and the ATP set to "3,1 kHz audio" and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the Bearer capability encoded "3,1 kHz audio" and the progress indication set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR)			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R3(1, CREF, '0010'B, 5, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(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	TrR(P_CON_S9(CIC_VAL, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '03'O, '0010'B, 5))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106013 <b>Group</b> : DSS1-ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message containing the ATP containing an HLC set to HLC_VALUE sends a CONNECT message with the HLC set to HLC_VALUE <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6 and 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N02_1_1			
9		+PTC1_SYNC_0			
10		START TWAIT			
11		L1?PDUr CANCEL TWAIT	Mr(CN_R5(1, CREF,PX_HLCL1, PX_HLCV1))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT			
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		+PR_N02_2			
20		+PTC2_SYNC			
21		L2!P_PDUs	TrR(P_CON_S6(CIC_VAL))		
22		+PTC2_SYNC			
23		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106014 <b>Group</b> : DSS1-ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the ATP containing an HLC set to HLC_VALUE sends a CONNECT message with the HLC set to HLC_VALUE <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6 and 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R5(1, CREF,PX_HLCL1, PX_HLCV1))	(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	TrR(P_CON_S6(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC106015  
**Group** : DSS1\_ISUP/CON/  
**Purpose** : Ensure that the SUT in the state N2 on receipt of a CON message containing the ATP containing an HLC set to HLC\_VALUE and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the HLC set to HLC\_VALUE and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclauses 2.1.1.6 and 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R6(1, CREF,PX_HLCL2, PX_HLCV2, '0010'B, 5))	(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S7(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106016 <b>Group</b> : DSS1_ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the ATP containing an HLC set to HLC_VALUE and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" sends a CONNECT message with the HLC set to HLC_VALUE and the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change(#5)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6 and 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R6(1, CREF,PX_HLCL2, PX_HLCV2, '0010'B, 5))	(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	TrR(P_CON_S7(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106017 <b>Group</b> : DSS1-ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N2 on receipt of a CON message without ATP containing an HLC sends a CONNECT message without the HLC information element <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6 and 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R7(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106018 <b>Group</b> : DSS1-ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message without ATP containing an HLC sends a CONNECT message without the HLC information element <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6 and 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R7(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_PDUS	TrR(P_CON_S1(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106019 <b>Group</b> : DSS1-ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the ATP containing an LLC set to LLC_VALUE sends a CONNECT message with the LLC set to LLC_VALUE <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6 and 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R8(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S8(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC106020 <b>Group</b> : DSS1_ISUP/CON/ <b>Purpose</b> : Ensure that the SUT in the state N3 on receipt of a CON message containing the ATP containing an LLC set to LLC_VALUE sends a CONNECT message with the LLC set to LLC_VALUE <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclauses 2.1.1.6 and 2.1.1.5 Table 18, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N03_1_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R8(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_PDUS	TrR(P_CON_S8(CIC_VAL))		
20		+PTC2_SYNC			
21		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107001 <b>Group</b> : DSS1-ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in state N2, before having received an ACM message, on receipt of a REL message with Cause value CV_ISUP, location LOC_ISUP, sends a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403 subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R2(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_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL, PXP_CAU_ LOC_ISUP, PXP_CAU_VAL_ISUP))		
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			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107002 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in state N3, before having received an ACM message, on receipt of a REL message with Cause value CV_ISUP, location LOC_ISUP, sends a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403 subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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_R2(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_PDUs START TAC	TrR(P_REL_S1(CIC_VAL, PXP_CAU_ LOC_ISUP, PXP_CAU_VAL_ISUP))		
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			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC107003 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", and the REL message with Cause value CV_ISUP, location LOC_ISUP, sends a CALL PROCEEDING message followed by a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N02_1		
8		+PTC1_SYNC_0		
9		START WAIT		
10		L1?PDUr CANCEL WAIT, START WAIT	Mr(CP_R1(1,CREF))	
11		L1?PDUr CANCEL WAIT	Mr(DI_R2(1, CREF))	(P)
12		+PTC1_SYNC_0		
13		+ PO_SR_1(0)		
14		?TIMEOUT WAIT		(I)
15		+PTC1_SYNC_0		
16		+ PO_SR_1(0)		
17		?TIMEOUT WAIT		(I)
18		+PTC1_SYNC_0		
19		+ PO_SR_1(0)		
		PTC2_IN		
20		ACTIVATE(OtherwiseFail_2)		
21		+PR_N02_2		
22		+PTC2_SYNC		
23		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))	
24		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP)) TrI(P_RLC_R(CIC_VAL))	
25		L2? P_PDUr CANCEL TAC		
26		+PTC2_SYNC		
27		?TIMEOUT TAC		
28		+PTC2_SYNC		
29		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107004 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI_VAL and the REL message with Cause value CV_ISUP, location LOC_ISUP, sends a CALL PROCEEDING message with a progress indicator PI_VAL followed by a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'00'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
24		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_ LOC_ISUP,PXP_CAU_VAL_ISUP)) TrI(P_RLC_R(CIC_VAL))		
25		L2? P_PDUr CANCEL TAC			
26		+PTC2_SYNC			
27		?TIMEOUT TAC			
28		+PTC2_SYNC			
29		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107005 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the REL message with Cause value CV_ISUP, location LOC_ISUP sends an ALERTING message followed by a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N02_1			
9		+PTC1_SYNC_0			
10		START TWAIT			
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(ALT_R(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PR_N02_2			
24		+PTC2_SYNC			
25		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
26		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_ LOC_ISUP,PXP_CAU_VAL_ISUP))		
27		L2? P_PDUs CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
28		+PTC2_SYNC			
29		?TIMEOUT TAC			
30		+PTC2_SYNC			
31		+ PO_RR_2			
<b>Detailed Comments</b> :					



## Test Case Dynamic Behaviour

**Test Case Name** : TC107006

**Group** : DSS1\_ISUP/REL\_R/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND a and the OBCI in-band information set to OBCI and the REL message with Cause value CV\_ISUP, location LOC\_ISUP, sends a ALERTING message with a progress indicator set to PI\_VAL followed by a DISCONNECT message with Cause value CV\_ISDN, location LOC\_ISDN

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.7 Table 19,  
ETS 300 403-1 [1], subclause 5.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
24		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_ LOC_ISUP,PXP_CAU_VAL_ISUP)) TrI(P_RLC_R(CIC_VAL))		
25		L2? P_PDUr CANCEL TAC			
26		+PTC2_SYNC			
27		?TIMEOUT TAC			
28		+PTC2_SYNC			
29		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107007 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Alerting and a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a CALL PROCEEDING message followed by an ALERTING and a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(CP_R1(1,CREF))		
11		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(ALT_R(1,CREF))		
12		L1?PDUR CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
28		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
29		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
30		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
31		+PTC2_SYNC			
32		?TIMEOUT TAC			
33		+PTC2_SYNC			
34		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107008 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI followed by CPG message where the Event indicator is set to Alerting and a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a CALL PROCEEDING message with a progress indicator PI_VAL followed by an ALERTING and a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN . <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(ALT_R(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1,CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'00'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
28		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
29		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_ LOC_ISUP,PXP_CAU_VAL_ISUP))		
30		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
31		+PTC2_SYNC			
32		?TIMEOUT TAC			
33		+PTC2_SYNC			
34		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107009 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Progress and a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a CALL PROCEEDING message followed by a PROGRESS message and a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(CP_R1(1,CREF))		
11		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(PG_R(1,CREF))		
12		L1?PDUR CANCEL TWAIT	Mr(DI_R2(1,CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
28		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B,'1'B,'1'B,'1'B))		
29		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
30		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
31		+PTC2_SYNC			
32		?TIMEOUT TAC			
33		+PTC2_SYNC			
34		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC107010

**Group** : DSS1\_ISUP/REL\_R/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND and the OBCI with the in-band information is set to OBCI followed by CPG message where the Event indicator is set to Progress and a REL message with the Cause value CV\_ISUP, location LOC\_ISUP  
sends a CALL PROCEEDING message with a progress indicator PI\_VAL followed by a PROGRESS message and a DISCONNECT message with Cause value CV\_ISDN, location LOC\_ISDN .

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.7 Table 19,  
ETS 300 403-1 [1], subclause 5.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(PG_R(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1,CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'00'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
28		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B, PXP_ISUPI,PXP_ISDNAI,'1'B))		
29		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_ LOC_ISUP,PXP_CAU_VAL_ISUP))		
30		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
31		+PTC2_SYNC			
32		?TIMEOUT TAC			
33		+PTC2_SYNC			
34		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107011 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to in-band information or an appropriate pattern is now available and a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a CALL PROCEEDING message followed by a PROGRESS message and a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(CP_R1(1,CREF))		
11		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(PG_R(1,CREF))		
12		L1?PDUR CANCEL TWAIT	Mr(DI_R2(1,CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
28		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,3,'00'B,'1'B,'1'B,'1'B))		
29		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
30		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
31		+PTC2_SYNC			
32		?TIMEOUT TAC			
33		+PTC2_SYNC			
34		+ PO_RR_2			
<b>Detailed Comments</b> :					

# Test Case Dynamic Behaviour

**Test Case Name** : TC107012

**Group** : DSS1\_ISUP/REL\_R/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND and the OBCI with the in-band information is set to OBCI followed by CPG message where the Event indicator is set to in-band information or an appropriate pattern is now available and a REL message with the Cause value CV\_ISUP, location LOC\_ISUP sends a CALL PROCEEDING message with a progress indicator PI\_VAL followed by a PROGRESS message and a DISCONNECT message with Cause value CV\_ISDN, location LOC\_ISDN .

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.7 Table 19,  
ETS 300 403-1 [1], subclause 5.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(PG_R(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1,CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDU	TrR (P_ACM_S2(CIC_VAL,'00'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
28		L2!P_PDU	TrR(P_CPG_S1(CIC_VAL,3,'00'B, PXP_ISUPI,PXP_ISDNAI,'1'B))		
29		L2!P_PDU START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_ LOC_ISUP,PXP_CAU_VAL_ISUP))		
30		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
31		+PTC2_SYNC			
32		?TIMEOUT TAC			
33		+PTC2_SYNC			
34		+ PO_RR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC107013  
**Group** : DSS1\_ISUP/REL\_R/  
**Purpose** : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", and the REL message with Cause value CV\_ISUP, location LOC\_ISUP, sends a DISCONNECT message with Cause value CV\_ISDN, location LOC\_ISDN  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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_R2(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		L2!P_PDU	TrR (P_ACM_S2(CIC_VAL,'00'B,'1'B, '1'B,'0'B))		
19		+PTC2_SYNC			
20		L2!P_PDU	TrR(P_REL_S1(CIC_VAL,PXP_CAU_ LOC_ISUP,PXP_CAU_VAL_ISUP))		
21		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TAC			
24		+PTC2_SYNC			
25		+ PO_RR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107014 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI and the REL message with Cause value CV_ISUP, location LOC_ISUP, sends a PROGRESS message with a progress indicator set to PI_VALUE followed by a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_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, START TWAIT	Mr(PG_R1(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1,CREF))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N03_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'00'B,PXP_ISUPI,PXP_ISDNAI,PXP_OBCI))		
24		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP)) TrI(P_RLC_R(CIC_VAL))		
25		L2? P_PDUr CANCEL TAC			
26		+PTC2_SYNC			
27		?TIMEOUT TAC			
28		+PTC2_SYNC			
29		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107015 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the REL message with Cause value CV_ISUP, location LOC_ISUP sends an ALERTING message followed by a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N03_1			
9		+PTC1_SYNC_0			
10		START TWAIT			
11		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(ALT_R(1,CREF))		
12		L1?PDUR CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PR_N03_2			
24		+PTC2_SYNC			
25		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))		
26		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
27		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
28		+PTC2_SYNC			
29		?TIMEOUT TAC			
30		+PTC2_SYNC			
31		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107016 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND, the OBCI in-band information set to OBCI and the REL message with Cause value CV_ISUP, location LOC_ISUP, sends a ALERTING message with a progress indicator set to PI_VAL followed by a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, START TWAIT	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N03_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
24		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_ LOC_ISUP,PXP_CAU_VAL_ISUP)) TrI(P_RLC_R(CIC_VAL))		
25		L2? P_PDUr CANCEL TAC			
26		+PTC2_SYNC			
27		?TIMEOUT TAC			
28		+PTC2_SYNC			
29		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC107017 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N2 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message and REL message with Cause value CV_ISUP, location LOC_ISUP sends an ALERTING message followed by CONNECT and DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
6		PTC1_OUT		
7		ACTIVATE(OtherwiseFail_1(0))		
8		+PR_N02_1		
9		+PTC1_SYNC_0		
10		START TWAIT		
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(ALT_R1(1,CREF,?,PX_PI_PD))	
12		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CN_R(1,CREF))	
13		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)
14		+PTC1_SYNC_0		
15		+ PO_SR_1(0)		
16		?TIMEOUT TWAIT		(I)
17		+PTC1_SYNC_0		
18		+ PO_SR_1(0)		
19		?TIMEOUT TWAIT		(I)
20		+PTC1_SYNC_0		
21		+ PO_SR_1(0)		
22		?TIMEOUT TWAIT		(I)
23		+PTC1_SYNC_0		
24		+ PO_SR_1(0)		
25		PTC2_IN		
26		ACTIVATE(OtherwiseFail_2)		
27		+PR_N02_2		
28		+PTC2_SYNC		
29		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))	
30		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))	
31		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_ LOC_ISUP,PXP_CAU_VAL_ISUP))	
32		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))	
33		+PTC2_SYNC		
34		?TIMEOUT TAC		
35		+PTC2_SYNC		
36		+ PO_RR_2		
Detailed Comments :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107018 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N2 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND, the OBCI in-band information set to OBCI followed by an ANM message and REL message with Cause value CV_ISUP, location LOC_ISUP, sends a ALERTING message with a progress indicator set to PI_VAL followed by a CONNECT and DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CN_R(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
28		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
29		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_ LOC_ISUP,PXP_CAU_VAL_ISUP))		
30		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
31		+PTC2_SYNC			
32		?TIMEOUT TAC			
33		+PTC2_SYNC			
34		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC107019  
**Group** : DSS1\_ISUP/REL\_R/  
**Purpose** : Ensure that the SUT in state N2 after receiving the CON message and the REL message with Cause value CV\_ISUP, location LOC\_ISUP, sends a CONNECT message followed by a DISCONNECT message with Cause value CV\_ISDN, location LOC\_ISDN.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.3

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(CN_R(1,CREF))		
11		L1?PDUR CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))		
24		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
25		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
26		+PTC2_SYNC			
27		?TIMEOUT TAC			
28		+PTC2_SYNC			
29		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC107020 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N3 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message and REL message with Cause value CV_ISUP, location LOC_ISUP sends an ALERTING message followed by CONNECT and DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.3				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_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, START TWAIT	Mr(ALT_R(1,CREF))	
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CN_R(1,CREF))	
12		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)
13		+PTC1_SYNC_0		
14		+ PO_SR_1(0)		
15		?TIMEOUT TWAIT		(I)
16		+PTC1_SYNC_0		
17		+ PO_SR_1(0)		
18		?TIMEOUT TWAIT		(I)
19		+PTC1_SYNC_0		
20		+ PO_SR_1(0)		
21		?TIMEOUT TWAIT		(I)
22		+PTC1_SYNC_0		
23		+ PO_SR_1(0)		
		PTC2_IN		
24		ACTIVATE(OtherwiseFail_2)		
25		+PR_N03_2		
26		+PTC2_SYNC		
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))	
28		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))	
29		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))	
30		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))	
31		+PTC2_SYNC		
32		?TIMEOUT TAC		
33		+PTC2_SYNC		
34		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC107021 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in the state N3 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND, the OBCI in-band information set to OBCI followed by an ANM message and REL message with Cause value CV_ISUP, location LOC_ISUP, sends a ALERTING message with a progress indicator "destination address is non-ISDN (#2)" location "public network serving local user" followed by a CONNECT and DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, START TWAIT	Mr(ALT_R1(1,CREF,?,2))		
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CN_R(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R2(1, CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N03_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'0'B,'0'B))		
28		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
29		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
30		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
31		+PTC2_SYNC			
32		?TIMEOUT TAC			
33		+PTC2_SYNC			
34		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC107022 <b>Group</b> : DSS1_ISUP/REL_R/ <b>Purpose</b> : Ensure that the SUT in state N10 after receiving the REL message with Cause value CV_ISUP, location LOC_ISUP, sends a CONNECT message followed by a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.3				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N10_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(DI_R2(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_N10_2		
18		+PTC2_SYNC		
19		L2!P_PDUs START TAC	TrR(P_REL_S1(CIC_VAL, PXP_CAU_LOC_ISUP, PXP_CAU_VAL_ISUP))	
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		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC108011 <b>Group</b> : DSS1_ISUP/REL_S/TC108010/ <b>Purpose</b> : Ensure that the SUT in state N2 before having received an ACM message, on receipt of a message RELEASE COMPLETE with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N02_1		
8		+PTC1_SYNC_0		
9		L1!PDUs	Ms(RC_S2(0, CREF))	
10		+PTC1_SYNC_0		
		PTC2_IN		
11		ACTIVATE(OtherwiseFail_2)		
12		+PR_N02_2		
13		+PTC2_SYNC		
14		START TWAIT		
15		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)
16		+PTC2_SYNC		
17		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))	
18		?TIMEOUT TWAIT		(I)
19		+PTC2_SYNC		
20		+ PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108012 <b>Group</b> : DSS1_ISUP/REL_S/TC108010/ <b>Purpose</b> : Ensure that the SUT in state N2 before having received an ACM message, on receipt of a message RELEASE with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
10		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		?TIMEOUT TAC			
13		L1!PDUs	Ms(RC_S1(0,CREF))		
14		+PTC1_SYNC_0			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N02_2			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
20		+PTC2_SYNC			
21		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108013 <b>Group</b> : DSS1_ISUP/REL_S/TC108010/ <b>Purpose</b> : Ensure that the SUT in state N2 before having received an ACM message, on receipt of a message DISCONNECT with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		L1!PDU\$ START TAC	Ms(DI_S1(0, CREF))		
10		L1?PDU\$ CANCEL TAC	Mr(RL_R1(1,CREF))		
11		L1!PDU\$	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_N02_2			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDU\$ CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
21		+PTC2_SYNC			
22		L2! P_PDU\$	TrR( P_RLC_S (CIC_VAL))		
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108014 <b>Group</b> : DSS1_ISUP/REL_S/TC108010/ <b>Purpose</b> : Ensure that the SUT in state N3 before having received an ACM message, on receipt of a message RELEASE COMPLETE with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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		L1!PDUs	Ms(RC_S2(0, CREF))		
10		+PTC1_SYNC_0			
		PTC2_IN			
11		ACTIVATE(OtherwiseFail_2)			
12		+PR_N03_2			
13		+PTC2_SYNC			
14		START TWAIT			
15		L2?P_PDUsr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
16		+PTC2_SYNC			
17		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
18		?TIMEOUT TWAIT		(I)	
19		+PTC2_SYNC			
20		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108015  
**Group** : DSS1-ISUP/REL\_S/TC108010/  
**Purpose** : Ensure that the SUT in state N3 before having received an ACM message, on receipt of a message RELEASE with Cause value CV\_ISDN, location LOC\_ISDN, sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
10		L1?PDUR CANCEL TAC	Mr(RC_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		?TIMEOUT TAC			
13		L1!PDUs	Ms(RC_S1(0,CREF))		
14		+PTC1_SYNC_0			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N03_2			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
20		+PTC2_SYNC			
21		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108016 <b>Group</b> : DSS1_ISUP/REL_S/TC108010/ <b>Purpose</b> : Ensure that the SUT in state N3 before having received an ACM message, on receipt of a message DISCONNECT with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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		L1!PDUs START TAC	Ms(DI_S1(0, CREF))		
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_N03_2			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
21		+PTC2_SYNC			
22		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108021 <b>Group</b> : DSS1_ISUP/REL_S/TC108020/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", sends out a CALL PROCEEDING message and on receipt of a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		START TAC			
9		L1?PDUR CANCEL TAC	Mr(CP_R1(1,CREF))		
10		+PTC1_SYNC_0			
11		L1!PDUs	Ms(RC_S2(0, CREF))		
12		+PTC1_SYNC_0			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N02_2			
18		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
19		+PTC2_SYNC			
20		START TWAIT			
21		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
22		+PTC2_SYNC			
23		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+ PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108022 <b>Group</b> : DSS1_ISUP/REL_S/TC108020/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", sends out a CALL PROCEEDING message and on receipt of a RELEASE message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		START TAC			
9		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
10		+PTC1_SYNC_0			
11		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
12		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		L1!PDUs	Ms(RC_S1(0,CREF))		
16		+PTC1_SYNC_0			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_RR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
23		+PTC2_SYNC			
24		START TWAIT			
25		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TWAIT		(I)	
29		+PTC2_SYNC			
30		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108023

**Group** : DSS1\_ISUP/REL\_S/TC108020/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", sends out a CALL PROCEEDING message and on receipt of a DISCONNECT message with Cause value CV\_ISDN, location LOC\_ISDN, sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		START TAC			
9		L1?PDUR CANCEL TAC	Mr(CP_R1(1,CREF))		
10		+PTC1_SYNC_0			
11		L1!PDUs START TAC	Ms(DI_S1(0, CREF))		
12		L1?PDUR CANCEL TAC	Mr(RL_R1(1,CREF))		
13		L1!PDUs	Ms(RC_S1(0,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_RR_1(0)			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PR_N02_2			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
24		+PTC2_SYNC			
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108024 <b>Group</b> : DSS1_ISUP/REL_S/TC108020/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI sends out a CALL PROCEEDING message with a progress indicator PI_VAL and on receipt of the RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		START TAC			
9		L1?PDUR CANCEL TAC	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
10		+PTC1_SYNC_0			
11		L1!PDUs	Ms(RC_S2(0, CREF))		
12		+PTC1_SYNC_0			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N02_2			
17		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
21		+PTC2_SYNC			
22		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108025

**Group** : DSS1\_ISUP/REL\_S/TC108020/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND and the OBCI with the in-band information is set to OBCI sends out a CALL PROCEEDING message with a progress indicator PI\_VAL and on receipt of the RELEASE message with Cause value CV\_ISDN, location LOC\_ISDN, sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		START TAC			
9		L1?PDUR CANCEL TAC	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
10		+PTC1_SYNC_0			
11		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
12		L1?PDUR CANCEL TAC	Mr(RC_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		L1!PDUs	Ms(RC_S1(0,CREF))		
16		+PTC1_SYNC_0			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_RR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
23		+PTC2_SYNC			
24		START TWAIT			
25		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TWAIT		(I)	
29		+PTC2_SYNC			
30		+ PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC108026

**Group** : DSS1\_ISUP/REL\_S/TC108020/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND and the OBCI with the in-band information is set to OBCI sends out a CALL PROCEEDING message with a progress indicator PI\_VAL and on receipt of the DISCONNECT message with Cause value CV\_ISDN, location LOC\_ISDN, sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		START TAC			
9		L1?PDUR CANCEL TAC	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
10		+PTC1_SYNC_0			
11		L1!PDUs START TAC	Ms(DI_S1(0, CREF))		
12		L1?PDUR CANCEL TAC	Mr(RL_R1(1,CREF))		
13		L1!PDUs	Ms(RC_S1(0,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_RR_1(0)			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PR_N02_2			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
24		+PTC2_SYNC			
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC108031 <b>Group</b> : DSS1_ISUP/REL_S/TC108030/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" sends out an ALERTING message and on receipt of a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N02_1		
8		START TAC		
9		L1?PDUr CANCEL TAC	Mr(ALT_R(1,CREF))	
10		+PTC1_SYNC_0		
11		L1!PDUs	Ms(RC_S2(0, CREF))	
12		+PTC1_SYNC_0		
13		?TIMEOUT TAC		
14		+PTC1_SYNC_0		
15		+ PO_RR_1(0)		
		PTC2_IN		
16		ACTIVATE(OtherwiseFail_2)		
17		+PR_N02_2		
18		L2!P-PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))	
19		+PTC2_SYNC		
20		START TWAIT		
21		L2?P-PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)
22		+PTC2_SYNC		
23		L2! P-PDUs	TrR( P_RLC_S (CIC_VAL))	
24		?TIMEOUT TWAIT		(I)
25		+PTC2_SYNC		
26		+ PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108032 <b>Group</b> : DSS1_ISUP/REL_S/TC108030/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" sends out an ALERTING message and on receipt of a RELEASE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N02_1			
9		START TAC			
10		L1?PDUr CANCEL TAC	Mr(ALT_R(1,CREF))		
11		+PTC1_SYNC_0			
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_RR_1(0)			
21		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PR_N02_2			
24		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))		
25		+PTC2_SYNC			
26		START TWAIT			
27		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
28		+PTC2_SYNC			
29		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))	(I)	
30		?TIMEOUT TWAIT			
31		+PTC2_SYNC			
32		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC108033 <b>Group</b> : DSS1_ISUP/REL_S/TC108030/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" sends out an ALERTING message and on receipt of a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
6		PTC1_OUT		
7		ACTIVATE(OtherwiseFail_1(0))		
8		+PR_N02_1		
9		START TAC		
10		L1?PDUr CANCEL TAC	Mr(ALT_R(1,CREF))	
11		+PTC1_SYNC_0		
12		L1!PDUs START TAC	Ms(DI_S1(0, CREF))	
13		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))	
14		L1!PDUs	Ms(RC_S1(0,CREF))	
15		+PTC1_SYNC_0		
16		?TIMEOUT TAC		
17		+PTC1_SYNC_0		
18		+ PO_SR_1(0)		
19		?TIMEOUT TAC		
20		+PTC1_SYNC_0		
21		+ PO_RR_1(0)		
22		PTC2_IN		
23		ACTIVATE(OtherwiseFail_2)		
24		+PR_N02_2		
25		L2!P-PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))	
26		+PTC2_SYNC		
27		START TWAIT		
28		L2?P-PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)
29		+PTC2_SYNC		
30		L2! P-PDUs	TrR( P_RLC_S (CIC_VAL))	(I)
31		?TIMEOUT TWAIT		
32		+PTC2_SYNC		
33		+ PO_SR_2		
Detailed Comments :				



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108034 <b>Group</b> : DSS1_ISUP/REL_S/TC108030/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND sends out a ALERTING message with a progress indicator set to PI_VAL and on receipt of a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		START TAC			
9		L1?PDUr CANCEL TAC	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
10		+PTC1_SYNC_0			
11		L1!PDUs	Ms(RC_S2(0, CREF))		
12		+PTC1_SYNC_0			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N02_2			
18		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
19		+PTC2_SYNC			
20		START TWAIT			
21		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
22		+PTC2_SYNC			
23		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108035 <b>Group</b> : DSS1_ISUP/REL_S/TC108030/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND sends out a ALERTING message with a progress indicator set to PI_VAL and on receipt of a RELEASE message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N02_1			
9		START TAC			
10		L1?PDUR CANCEL TAC	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
11		+PTC1_SYNC_0			
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUR CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_RR_1(0)			
21		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PR_N02_2			
24		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
25		+PTC2_SYNC			
26		START TWAIT			
27		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
28		+PTC2_SYNC			
29		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))	(I)	
30		?TIMEOUT TWAIT			
31		+PTC2_SYNC			
32		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC108036 <b>Group</b> : DSS1_ISUP/REL_S/TC108030/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND sends out a ALERTING message with a progress indicator set to PI_VAL and on receipt of a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N02_1		
8		START TAC		
9		L1?PDUr CANCEL TAC	Mr(ALT_R1(1,CREF,?,PX_PI_PD))	
10		+PTC1_SYNC_0		
11		L1!PDUs START TAC	Ms(DI_S1(0, CREF))	
12		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))	
13		L1!PDUs	Ms(RC_S1(0,CREF))	
14		+PTC1_SYNC_0		
15		?TIMEOUT TAC		
16		+PTC1_SYNC_0		
17		+ PO_SR_1(0)		
18		?TIMEOUT TAC		
19		+PTC1_SYNC_0		
20		+ PO_RR_1(0)		
		PTC2_IN		
21		ACTIVATE(OtherwiseFail_2)		
22		+PR_N02_2		
23		L2!P-PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))	
24		+PTC2_SYNC		
25		START TWAIT		
26		L2?P-PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)
27		+PTC2_SYNC		
28		L2! P-PDUs	TrR( P_RLC_S (CIC_VAL))	(I)
29		?TIMEOUT TWAIT		
30		+PTC2_SYNC		
31		+ PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108041 <b>Group</b> : DSS1_ISUP/REL_S/TC108040/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Alerting sends out a CALL PROCEEDING message followed by an ALERTING and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUR CANCEL TAC, START TAC	Mr(CP_R1(1,CREF))		
11		L1?PDUR CANCEL TAC	Mr(ALT_R(1,CREF))		
12		L1!PDUs	Ms(RC_S2(0, CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
24		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT			
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108042 <b>Group</b> : DSS1_ISUP/REL_S/TC108040/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Alerting sends out a CALL PROCEEDING message followed by an ALERTING and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUR CANCEL TAC, START TAC	Mr(CP_R1(1,CREF))		
11		L1?PDUR CANCEL TAC	Mr(ALT_R(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUR CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TAC			
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
28		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
29		START TWAIT			
30		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
33		?TIMEOUT TWAIT		(I)	
34		+PTC2_SYNC			
35		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108043  
**Group** : DSS1\_ISUP/REL\_S/TC108040/  
**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Alerting sends out a CALL PROCEEDING message followed by an ALERTING and on receipt of a DISCONNECT message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R1(1,CREF))		
11		L1?PDUr CANCEL TAC	Mr(ALT_R(1,CREF))		
12		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
14		L1!PDUs	Ms(RC_S1(0,CREF))		
15		+PTC1_SYNC_0			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
19		?TIMEOUT TAC			
20		+PTC1_SYNC_0			
21		+ PO_SR_1(0)			
22		?TIMEOUT TAC			
23		+PTC1_SYNC_0			
24		+ PO_SR_1(0)			
		PTC2_IN			
25		ACTIVATE(OtherwiseFail_2)			
26		+PR_N02_2			
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
29		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
30		START TWAIT			
31		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
32		+PTC2_SYNC			
33		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
34		?TIMEOUT TWAIT		(I)	
35		+PTC2_SYNC			
36		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108044 <b>Group</b> : DSS1_ISUP/REL_S/TC108040/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "Yes" followed by CPG message where the Event indicator is set to ALERTING sends out a CALL PROCEEDING message with a progress indicator "in-band information or appropriate pattern now available (#8)" location "public network serving local user" followed by an ALERTING and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUR CANCEL TAC, START TAC	Mr(CP_R2(1,CREF,'0010'B,8))		
11		L1?PDUR CANCEL TAC	Mr(ALT_R(1,CREF))		
12		L1!PDUs	Ms(RC_S2(0, CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'1'B))		
24		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108045 <b>Group</b> : DSS1_ISUP/REL_S/TC108040/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "Yes" followed by CPG message where the Event indicator is set to ALERTING sends out a CALL PROCEEDING message with a progress indicator "in-band information or appropriate pattern now available (#8)" location "public network serving local user" followed by an ALERTING and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R2(1,CREF,'0010'B,8))		
11		L1?PDUr CANCEL TAC	Mr(ALT_R(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT			
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'1'B))		
28		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
29		START TWAIT			
30		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
33		?TIMEOUT TWAIT		(I)	
34		+PTC2_SYNC			
35		+ PO_SR_2			
<b>Detailed Comments</b> :					



## Test Case Dynamic Behaviour

**Test Case Name** : TC108046

**Group** : DSS1\_ISUP/REL\_S/TC108040/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "Yes" followed by CPG message where the Event indicator is set to ALERTING sends out a CALL PROCEEDING message with a progress indicator "in-band information or appropriate pattern now available (#8)" location "public network serving local user" followed by an ALERTING and on receipt of a DISCONNECT message with the Cause value CV\_ISDN, location LOC\_ISDN

sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N02_1			
9		+PTC1_SYNC_0			
10		START TAC			
11		L1?PDUR CANCEL TAC, START TAC	Mr(CP_R2(1,CREF,'0010'B,8))		
12		L1?PDUR CANCEL TAC	Mr(ALT_R(1,CREF))		
13		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
14		L1?PDUR CANCEL TAC	Mr(RL_R1(1,CREF))		
15		L1!PDUs	Ms(RC_S1(0,CREF))		
16		+PTC1_SYNC_0			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
20		?TIMEOUT TAC			
21		+PTC1_SYNC_0			
22		+ PO_SR_1(0)			
23		?TIMEOUT TAC			
24		+PTC1_SYNC_0			
25		+ PO_SR_1(0)			
26		PTC2_IN			
27		ACTIVATE(OtherwiseFail_2)			
28		+PR_N02_2			
29		+PTC2_SYNC			
30		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'1'B))		
31		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
32		START TWAIT			
33		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
34		+PTC2_SYNC			
35		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
36		?TIMEOUT TWAIT		(I)	
37		+PTC2_SYNC			
38		+ PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC108051  
**Group** : DSS1\_ISUP/REL\_S/TC108050/  
**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Progress sends out a CALL PROCEEDING message followed by a PROGRESS message and on receipt of a RELEASE COMPLETE message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUR CANCEL TAC, START TAC	Mr(CP_R1(1,CREF))		
11		L1?PDUR CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs	Ms(RC_S2(0, CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
24		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B,'1'B,'1'B,'1'B))		
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC108052

**Group** : DSS1\_ISUP/REL\_S/TC108050/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Progress  
sends out a CALL PROCEEDING message followed by a PROGRESS message and on receipt of a RELEASE message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R1(1,CREF))		
11		L1?PDUr CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TAC			
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
28		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B,'1'B,'1'B,'1'B))		
29		START TWAIT			
30		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
33		?TIMEOUT TWAIT			
34		+PTC2_SYNC			
35		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108053 <b>Group</b> : DSS1_ISUP/REL_S/TC108050/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Progress sends out a CALL PROCEEDING message followed by a PROGRESS message and on receipt of a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R1(1,CREF))		
11		L1?PDUr CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
14		L1!PDUs	Ms(RC_S1(0,CREF))		
15		+PTC1_SYNC_0			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
19		?TIMEOUT TAC			
20		+PTC1_SYNC_0			
21		+ PO_SR_1(0)			
22		?TIMEOUT TAC			
23		+PTC1_SYNC_0			
24		+ PO_SR_1(0)			
		PTC2_IN			
25		ACTIVATE(OtherwiseFail_2)			
26		+PR_N02_2			
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
29		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B,'1'B,'1'B,'1'B))		
30		START TWAIT			
31		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
32		+PTC2_SYNC			
33		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
34		?TIMEOUT TWAIT		(I)	
35		+PTC2_SYNC			
36		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108054 <b>Group</b> : DSS1_ISUP/REL_S/TC108050/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI followed by CPG message where the Event indicator is set to PROGRESS sends out a CALL PROCEEDING message with a progress indicator PI_VAL followed by a PROGRESS message and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs	Ms(RC_S2(0, CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
24		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B,PXP_ISUPI,PXP_ISDNAI,PXP_OBCI))		
25		START TWAIT			
26		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT			
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108055

**Group** : DSS1\_ISUP/REL\_S/TC108050/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND and the OBCI with the in-band information is set to OBCI followed by CPG message where the Event indicator is set to PROGRESS  
sends out a CALL PROCEEDING message with a progress indicator PI\_VAL followed by a PROGRESS message and on receipt of a RELEASE message with the Cause value CV\_ISDN, location LOC\_ISDN  
sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TAC			
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
28		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B,PXP_ISUPI,PXP_ISDNAI,PXP_OBCI))		
29		START TWAIT			
30		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
33		?TIMEOUT TWAIT		(I)	
34		+PTC2_SYNC			
35		+ PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC108056

**Group** : DSS1\_ISUP/REL\_S/TC108050/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Progress sends out a CALL PROCEEDING message followed by a PROGRESS message and on receipt of a DISCONNECT message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
14		L1!PDUs	Ms(RC_S1(0,CREF))		
15		+PTC1_SYNC_0			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
19		?TIMEOUT TAC			
20		+PTC1_SYNC_0			
21		+ PO_SR_1(0)			
22		?TIMEOUT TAC			
23		+PTC1_SYNC_0			
24		+ PO_SR_1(0)			
		PTC2_IN			
25		ACTIVATE(OtherwiseFail_2)			
26		+PR_N02_2			
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
29		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL,2,'00'B,PXP_ISUPI,PXP_ISDNAI,PXP_OBCI))		
30		START TWAIT			
31		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
32		+PTC2_SYNC			
33		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
34		?TIMEOUT TWAIT		(I)	
35		+PTC2_SYNC			
36		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108061 <b>Group</b> : DSS1_ISUP/REL_S/TC108060/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message followed by a PROGRESS message and a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUR CANCEL TAC, START TAC	Mr(CP_R1(1,CREF))		
11		L1?PDUR CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs	Ms(RC_S2(0, CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
24		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,3))		
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					



## Test Case Dynamic Behaviour

**Test Case Name** : TC108062

**Group** : DSS1\_ISUP/REL\_S/TC108060/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to "in-band information or an appropriate pattern is now available"  
sends out a CALL PROCEEDING message followed by a PROGRESS message and a RELEASE message with the Cause value CV\_ISDN, location LOC\_ISDN  
sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R1(1,CREF))		
11		L1?PDUr CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TAC			
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
28		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,3))		
29		START TWAIT			
30		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
33		?TIMEOUT TWAIT			
34		+PTC2_SYNC			
35		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108063 <b>Group</b> : DSS1_ISUP/REL_S/TC108060/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message followed by a PROGRESS message and a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N02_1			
9		+PTC1_SYNC_0			
10		START TAC			
11		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R1(1,CREF))		
12		L1?PDUr CANCEL TAC	Mr(PG_R(1,CREF))		
13		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
15		L1!PDUs	Ms(RC_S1(0,CREF))		
16		+PTC1_SYNC_0			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
20		?TIMEOUT TAC			
21		+PTC1_SYNC_0			
22		+ PO_SR_1(0)			
23		?TIMEOUT TAC			
24		+PTC1_SYNC_0			
25		+ PO_SR_1(0)			
26		PTC2_IN			
27		ACTIVATE(OtherwiseFail_2)			
28		+PR_N02_2			
29		+PTC2_SYNC			
30		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
31		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,3))		
32		START TWAIT			
33		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
34		+PTC2_SYNC			
35		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
36		?TIMEOUT TWAIT		(I)	
37		+PTC2_SYNC			
38		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108064 <b>Group</b> : DSS1_ISUP/REL_S/TC108060/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI followed by CPG message where the Event indicator is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message with a progress indicator set to PI_VAL followed by a PROGRESS message and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs	Ms(RC_S2(0,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
24		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,3))		
25		START TWAIT			
26		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108065 <b>Group</b> : DSS1_ISUP/REL_S/TC108060/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI followed by CPG message where the Event indicator is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message with a progress indicator set to PI_VAL followed by a PROGRESS message and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUR CANCEL TAC, START TAC	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
11		L1?PDUR CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUR CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TAC			
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI)) TrR(P_CPG_S(CIC_VAL,3))		
28		L2!P_PDUs			
29		START TWAIT			
30		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))	(I)	
33		?TIMEOUT TWAIT			
34		+PTC2_SYNC			
35		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108066

**Group** : DSS1\_ISUP/REL\_S/TC108060/

**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND and the OBCI with the in-band information is set to OBCI followed by CPG message where the Event indicator is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message with a progress indicator set to PI\_VAL followed by a PROGRESS message and on receipt of a DISCONNECT message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TAC			
10		L1?PDUr CANCEL TAC, START TAC	Mr(CP_R2(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TAC	Mr(PG_R(1,CREF))		
12		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
14		L1!PDUs	Ms(RC_S1(0,CREF))		
15		+PTC1_SYNC_0			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
19		?TIMEOUT TAC			
20		+PTC1_SYNC_0			
21		+ PO_SR_1(0)			
22		?TIMEOUT TAC			
23		+PTC1_SYNC_0			
24		+ PO_SR_1(0)			
		PTC2_IN			
25		ACTIVATE(OtherwiseFail_2)			
26		+PR_N02_2			
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
29		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,3))		
30		START TWAIT			
31		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
32		+PTC2_SYNC			
33		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
34		?TIMEOUT TWAIT		(I)	
35		+PTC2_SYNC			
36		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC108071 <b>Group</b> : DSS1_ISUP/REL_S/TC108070/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", and on receipt of a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
6		PTC1_OUT		
7		ACTIVATE(OtherwiseFail_1(0))		
8		+PR_N03_1		
9		+PTC1_SYNC_0		
10		L1!PDU	Ms(RC_S2(0,CREF))	
11		+PTC1_SYNC_0		
12		PTC2_IN		
13		ACTIVATE(OtherwiseFail_2)		
14		+PR_N03_2		
15		+PTC2_SYNC		
16		L2!P_PDU	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))	
17		START TWAIT		
18		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)
19		+PTC2_SYNC		
20		L2! P_PDU	TrR( P_RLC_S (CIC_VAL))	
21		?TIMEOUT TWAIT		(I)
22		+PTC2_SYNC		
23		+ PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108072 <b>Group</b> : DSS1_ISUP/REL_S/TC108070/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", and on receipt of a RELEASE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
10		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
11		+PTC1_SYNC_0			
12		?TIMEOUT TAC			
13		L1!PDUs	Ms(RC_S1(0,CREF))		
14		+PTC1_SYNC_0			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N03_2			
17		+PTC2_SYNC			
18		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))		
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
21		+PTC2_SYNC			
22		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC108073 <b>Group</b> : DSS1_ISUP/REL_S/TC108070/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", and on receipt of a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_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		L1!PDUs START TAC	Ms(DI_S1(0,CREF))	
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_N03_2		
18		+PTC2_SYNC		
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,'1'B,'1'B,'0'B))	
20		START TWAIT		
21		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)
22		+PTC2_SYNC		
23		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))	
24		?TIMEOUT TWAIT		(I)
25		+PTC2_SYNC		
26		+ PO_SR_2		
<b>Detailed Comments</b> :				



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108074 <b>Group</b> : DSS1_ISUP/REL_S/TC108070/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI sends out a PROGRESS message with a progress indicator PI_VALUE and on receipt of a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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 TAC			
10		L1?PDUr CANCEL TAC	Mr(PG_R1(1,CREF,?,PX_PI_PD))		
11		L1!PDUr	Ms(RC_S2(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_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
20		START TWAIT			
21		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
22		+PTC2_SYNC			
23		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108075  
**Group** : DSS1\_ISUP/REL\_S/TC108070/  
**Purpose** : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND and the OBCI with the in-band information is set to OBCI sends out a PROGRESS message with a progress indicator PI\_VALUE and on receipt of a RELEASE message with Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(PG_R1(1,CREF,?,PX_PI_PD))		
11		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
12		L1?PDUR CANCEL TAC	Mr(RC_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		L1!PDUs	Ms(RC_S1(0,CREF))		
16		+PTC1_SYNC_0			
17		?TIMEOUT TWAIT			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N03_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
24		START TWAIT			
25		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TWAIT		(I)	
29		+PTC2_SYNC			
30		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108076 <b>Group</b> : DSS1_ISUP/REL_S/TC108070/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI sends out a PROGRESS message with a progress indicator PI_VALUE and on receipt of a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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 TAC			
10		L1?PDUr CANCEL TAC	Mr(PG_R1(1,CREF,?,PX_PI_PD))		
11		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
12		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
13		L1!PDUs	Ms(RC_S1(0,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PR_N03_2			
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'00'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
25		START TWAIT			
26		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC108081 <b>Group</b> : DSS1_ISUP/REL_S/TC108080/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" sends out an ALERTING message and on receipt of a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
6		PTC1_OUT		
7		ACTIVATE(OtherwiseFail_1(0))		
8		+PR_N03_1		
9		+PTC1_SYNC_0		
10		START TAC		
11		L1?PDUr CANCEL TAC	Mr(ALT_R(1,CREF))	
12		L1!PDUs	Ms(RC_S2(0,CREF))	
13		+PTC1_SYNC_0		
14		?TIMEOUT TAC		
15		+PTC1_SYNC_0		
16		+ PO_RR_1(0)		
17		PTC2_IN		
18		ACTIVATE(OtherwiseFail_2)		
19		+PR_N03_2		
20		+PTC2_SYNC		
21		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))	
22		START TWAIT		
23		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)
24		+PTC2_SYNC		
25		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))	(I)
26		?TIMEOUT TWAIT		
27		+PTC2_SYNC		
28		+ PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108082 <b>Group</b> : DSS1_ISUP/REL_S/TC108080/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" sends out an ALERTING message and on receipt of a RELEASE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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 TAC			
10		L1?PDUr CANCEL TAC	Mr(ALT_R(1,CREF))		
11		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
12		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		L1!PDUs	Ms(RC_S1(0,CREF))		
16		+PTC1_SYNC_0			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_0			
19		+ PO_RR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N03_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))		
24		START TWAIT			
25		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TWAIT		(I)	
29		+PTC2_SYNC			
30		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC108083 <b>Group</b> : DSS1_ISUP/REL_S/TC108080/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" sends out an ALERTING message and on receipt of a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N03_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
6		PTC1_OUT		
7		ACTIVATE(OtherwiseFail_1(0))		
8		+PR_N03_1		
9		+PTC1_SYNC_0		
10		START TAC		
11		L1?PDUr CANCEL TAC	Mr(ALT_R(1,CREF))	
12		L1!PDUs START TAC	Ms(DI_S1(0,CREF))	
13		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))	
14		L1!PDUs	Ms(RC_S1(0,CREF))	
15		+PTC1_SYNC_0		
16		?TIMEOUT TAC		
17		+PTC1_SYNC_0		
18		+ PO_SR_1(0)		
19		?TIMEOUT TAC		
20		+PTC1_SYNC_0		
21		+ PO_RR_1(0)		
22		PTC2_IN		
23		ACTIVATE(OtherwiseFail_2)		
24		+PR_N03_2		
25		+PTC2_SYNC		
26		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))	
27		START TWAIT		
28		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)
29		+PTC2_SYNC		
30		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))	
31		?TIMEOUT TWAIT		
32		+PTC2_SYNC		
33		+ PO_SR_2		
Detailed Comments :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108084 <b>Group</b> : DSS1-ISUP/REL_S/TC108080/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND, the OBCI in-band information is set to OBCI, sends out an ALERTING message with a progress indicator set to PI_VAL and on receipt of a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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 TAC			
10		L1?PDUR CANCEL TAC	Mr(ALT_R(1,CREF))		
11		L1!PDUss	Ms(RC_S2(0,CREF))		
12		+PTC1_SYNC_0			
13		?TIMEOUT TAC			
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N03_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,PX P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
20		START TWAIT			
21		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
22		+PTC2_SYNC			
23		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108085  
**Group** : DSS1\_ISUP/REL\_S/TC108080/  
**Purpose** : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND, the OBCI in-band information is set to OBCI, sends out an ALERTING message with a progress indicator set to PI\_VAL and on receipt of a RELEASE message with Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(ALT_R(1,CREF))		
11		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
12		L1?PDUR CANCEL TAC	Mr(RC_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		L1!PDUs	Ms(RC_S1(0,CREF))		
16		+PTC1_SYNC_0			
17		?TIMEOUT TWAIT			
18		+PTC1_SYNC_0			
19		+ PO_RR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N03_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,PX P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
24		START TAC			
25		L2?P_PDUR CANCEL TAC	TrI(P_REL_R2(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TAC			
29		+PTC2_SYNC			
30		+ PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108086 <b>Group</b> : DSS1_ISUP/REL_S/TC108080/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND, the OBCI in-band information is set to OBCI, sends out an ALERTING message with a progress indicator set to PI_VAL and on receipt of a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(ALT_R(1,CREF))		
11		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
12		L1?PDUR CANCEL TAC	Mr(RL_R1(1,CREF))		
13		L1!PDUs	Ms(RC_S1(0,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT			
19		+PTC1_SYNC_0			
20		+ PO_RR_1(0)			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PR_N03_2			
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL, '01'B, PX P_ISUPI, PXP_ISDNAI, PXP_OBCI))		
25		START TAC			
26		L2?P_PDUR CANCEL TAC	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TAC			
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108091  
**Group** : DSS1\_ISUP/REL\_S/TC108090/  
**Purpose** : Ensure that the SUT in the state N2 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message, location LOC\_ISDN  
sends out an ALERTING message followed by CONNECT and on receipt of a RELEASE COMPLETE message with Cause value CV\_ISDN  
sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(ALT_R(1,CREF))		
11		L1?PDUR CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs	Ms(RC_S2(0,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TWAIT			
15		+PTC1_SYNC_0			
16		+ PO_RR_1(0)			
17		?TIMEOUT TWAIT			
18		+PTC1_SYNC_0			
19		+ PO_RR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B, '1'B,'0'B))		
24		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108092 <b>Group</b> : DSS1_ISUP/REL_S/TC108090/ <b>Purpose</b> : Ensure that the SUT in the state N2 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message, location LOC_ISDN sends out an ALERTING message followed by CONNECT and on receipt of a RELEASE message with Cause value CV_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(ALT_R(1,CREF))		
11		L1?PDUR CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUR CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TWAIT			
19		+PTC1_SYNC_0			
20		+ PO_RR_1(0)			
21		?TIMEOUT TWAIT			
22		+PTC1_SYNC_0			
23		+ PO_RR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))		
28		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
29		START TWAIT			
30		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
33		?TIMEOUT TWAIT		(I)	
34		+PTC2_SYNC			
35		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108093 <b>Group</b> : DSS1_ISUP/REL_S/TC108090/ <b>Purpose</b> : Ensure that the SUT in the state N2 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message, location LOC_ISDN sends out an ALERTING message followed by CONNECT and on receipt of a DISCONNECT message with Cause value CV_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(ALT_R(1,CREF))		
11		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
13		L1?PDUR CANCEL TAC	Mr(RL_R1(1,CREF))		
14		L1!PDUs	Ms(RC_S1(0,CREF))		
15		+PTC1_SYNC_0			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
19		?TIMEOUT TWAIT			
20		+PTC1_SYNC_0			
21		+ PO_RR_1(0)			
22		?TIMEOUT TWAIT			
23		+PTC1_SYNC_0			
24		+ PO_RR_1(0)			
		PTC2_IN			
25		ACTIVATE(OtherwiseFail_2)			
26		+PR_N02_2			
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B, '1'B,'0'B))		
29		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
30		START TWAIT			
31		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
32		+PTC2_SYNC			
33		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
34		?TIMEOUT TWAIT		(I)	
35		+PTC2_SYNC			
36		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108094

**Group** : DSS1-ISUP/REL\_S/TC108090/

**Purpose** : Ensure that the SUT in the state N2 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND followed by an ANM message  
sends out an ALERTING message with a progress indicator set to PI\_VAL followed by a CONNECT and on receipt of a RELEASE COMPLETE message with Cause value CV\_ISDN, location LOC\_ISDN  
sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
11		L1?PDUR CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs	Ms(RC_S2(0,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TWAIT			
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI)) TrR(P_ANM_S(CIC_VAL))		
24		L2!P_PDUs			
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108095 <b>Group</b> : DSS1_ISUP/REL_S/TC108090/ <b>Purpose</b> : Ensure that the SUT in the state N2 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND followed by an ANM message sends out a ALERTING message with a progress indicator set to PI_VAL followed by a CONNECT and on receipt of a RELEASE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
11		L1?PDUR CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUR CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TWAIT			
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT			
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,PX_P_ISUPI,PXP_ISDNAI,PXP_OBCI))		
28		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
29		START TWAIT			
30		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
33		?TIMEOUT TWAIT		(I)	
34		+PTC2_SYNC			
35		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108096

**Group** : DSS1\_ISUP/REL\_S/TC108090/

**Purpose** : Ensure that the SUT in the state N2 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND followed by an ANM message sends out a ALERTING message with a progress indicator set to PI\_VAL followed by a CONNECT and on receipt of a DISCONNECT message with Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
14		L1!PDUs	Ms(RC_S1(0,CREF))		
15		+PTC1_SYNC_0			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
19		?TIMEOUT TWAIT			
20		+PTC1_SYNC_0			
21		+ PO_SR_1(0)			
22		?TIMEOUT TWAIT			
23		+PTC1_SYNC_0			
24		+ PO_SR_1(0)			
		PTC2_IN			
25		ACTIVATE(OtherwiseFail_2)			
26		+PR_N02_2			
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,PX P_ISUPI,XPX_ISDNAI,XPX_OBCI)) TrR(P_ANM_S(CIC_VAL))		
29		L2!P_PDUs			
30		START TWAIT			
31		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
32		+PTC2_SYNC			
33		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
34		?TIMEOUT TWAIT		(I)	
35		+PTC2_SYNC			
36		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108101 <b>Group</b> : DSS1_ISUP/REL_S/TC108100/ <b>Purpose</b> : Ensure that the SUT in state N2 after receiving the CON message sends out a CONNECT message and on receipt of a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R(1,CREF))		
11		L1!PDUs	Ms(RC_S2(0,CREF))		
12		+PTC1_SYNC_0			
13		?TIMEOUT TWAIT			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N02_2			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))		
20		START TWAIT			
21		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
22		+PTC2_SYNC			
23		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+ PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108102 <b>Group</b> : DSS1_ISUP/REL_S/TC108100/ <b>Purpose</b> : Ensure that the SUT in state N2 after receiving the CON message sends out a CONNECT message and on receipt of a RELEASE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(CN_R(1,CREF))		
11		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
12		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		L1!PDUs	Ms(RC_S1(0,CREF))		
16		+PTC1_SYNC_0			
17		?TIMEOUT TWAIT			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))		
24		START TWAIT			
25		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TWAIT		(I)	
29		+PTC2_SYNC			
30		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108103  
**Group** : DSS1\_ISUP/REL\_S/TC108100/  
**Purpose** : Ensure that the SUT in state N2 after receiving the CON message sends out a CONNECT message and on receipt of a DISCONNECT message with Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(CN_R(1,CREF))		
11		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
12		L1?PDUR CANCEL TAC	Mr(RL_R1(1,CREF))		
13		L1!PDUs	Ms(RC_S1(0,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT			
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PR_N02_2			
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))		
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT			
30		+PTC2_SYNC			
31		+ PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108111 <b>Group</b> : DSS1_ISUP/REL_S/TC108110/ <b>Purpose</b> : Ensure that the SUT in the state N3 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message sends out an ALERTING message followed by CONNECT message and on receipt of a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, START TWAIT	Mr(ALT_R(1,CREF))		
11		L1?PDUR CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs	Ms(RC_S2(0,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TWAIT			
15		+PTC1_SYNC_0			
16		+ PO_RR_1(0)			
17		?TIMEOUT TWAIT			
18		+PTC1_SYNC_0			
19		+ PO_RR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N03_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B, '1'B,'0'B))		
24		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT			
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108112 <b>Group</b> : DSS1_ISUP/REL_S/TC108110/ <b>Purpose</b> : Ensure that the SUT in the state N3 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message sends out an ALERTING message followed by CONNECT message and on receipt of a RELEASE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, START TWAIT	Mr(ALT_R(1,CREF))		
11		L1?PDUr CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TWAIT			
19		+PTC1_SYNC_0			
20		+ PO_RR_1(0)			
21		?TIMEOUT TWAIT			
22		+PTC1_SYNC_0			
23		+ PO_RR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N03_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B, '1'B,'0'B))		
28		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
29		START TWAIT			
30		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
33		?TIMEOUT TWAIT		(I)	
34		+PTC2_SYNC			
35		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108113 <b>Group</b> : DSS1_ISUP/REL_S/TC108110/ <b>Purpose</b> : Ensure that the SUT in the state N3 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message sends out an ALERTING message followed by CONNECT message and on receipt of a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, START TWAIT	Mr(ALT_R(1,CREF))		
11		L1?PDUR CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs	Ms(DI_S1(0,CREF))		
13		L1?PDUR CANCEL TAC	Mr(RL_R1(1,CREF))		
14		L1!PDUs	Ms(RC_S1(0,CREF))		
15		+PTC1_SYNC_0			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
19		?TIMEOUT TWAIT			
20		+PTC1_SYNC_0			
21		+ PO_RR_1(0)			
22		?TIMEOUT TWAIT			
23		+PTC1_SYNC_0			
24		+ PO_RR_1(0)			
		PTC2_IN			
25		ACTIVATE(OtherwiseFail_2)			
26		+PR_N03_2			
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))		
29		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
30		START TWAIT			
31		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
32		+PTC2_SYNC			
33		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
34		?TIMEOUT TWAIT		(I)	
35		+PTC2_SYNC			
36		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC108114  
**Group** : DSS1\_ISUP/REL\_S/TC108110/  
**Purpose** : Ensure that the SUT in the state N3 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND, the OBCI in-band information set to OBCI followed by an ANM message sends out an ALERTING message with a progress indicator set to PI\_VAL followed by a CONNECT message and on receipt of a RELEASE COMPLETE message with Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.3

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, START TWAIT	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
11		L1?PDUR CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs	Ms(RC_S2(0,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TWAIT			
15		+PTC1_SYNC_0			
16		+ PO_RR_1(0)			
17		?TIMEOUT TWAIT			
18		+PTC1_SYNC_0			
19		+ PO_RR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N03_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
24		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC108115

**Group** : DSS1\_ISUP/REL\_S/TC108110/

**Purpose** : Ensure that the SUT in the state N3 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND, the OBCI in-band information set to OBCI followed by an ANM message sends out an ALERTING message with a progress indicator set to PI\_VAL followed by a CONNECT message and on receipt of a RELEASE message with Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20,  
ETS 300 403-1 [1], subclauses 5.3 and 5.8.3,  
Q.764 [4] subclause 2.3

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, START TWAIT	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
11		L1?PDUR CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
13		L1?PDUR CANCEL TAC	Mr(RC_R1(1,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(0,CREF))		
17		+PTC1_SYNC_0			
18		?TIMEOUT TWAIT			
19		+PTC1_SYNC_0			
20		+ PO_RR_1(0)			
21		?TIMEOUT TWAIT			
22		+PTC1_SYNC_0			
23		+ PO_RR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N03_2			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
28		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
29		START TWAIT			
30		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
33		?TIMEOUT TWAIT		(I)	
34		+PTC2_SYNC			
35		+ PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC108116  
**Group** : DSS1\_ISUP/REL\_S/TC108110/  
**Purpose** : Ensure that the SUT in the state N3 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to ISUP\_IND, the ISDN access indicator is set to ISDN\_ACCESS\_IND, the OBCI in-band information set to OBCI followed by an ANM message sends out an ALERTING message with a progress indicator set to PI\_VAL followed by a CONNECT message and on receipt of a DISCONNECT message with Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.3

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, START TWAIT	Mr(ALT_R1(1,CREF,?,PX_PI_PD))		
11		L1?PDUr CANCEL TWAIT	Mr(CN_R(1,CREF))		
12		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RL_R1(1,CREF))		
14		L1!PDUs	Ms(RC_S1(0,CREF))		
15		+PTC1_SYNC_0			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
19		?TIMEOUT TWAIT			
20		+PTC1_SYNC_0			
21		+ PO_RR_1(0)			
22		?TIMEOUT TWAIT			
23		+PTC1_SYNC_0			
24		+ PO_RR_1(0)			
		PTC2_IN			
25		ACTIVATE(OtherwiseFail_2)			
26		+PR_N03_2			
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,PXP_I SUPI,PXP_ISDNAI,PXP_OBCI))		
29		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
30		START TWAIT			
31		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
32		+PTC2_SYNC			
33		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
34		?TIMEOUT TWAIT		(I)	
35		+PTC2_SYNC			
36		+ PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108121 <b>Group</b> : DSS1_ISUP/REL_S/TC108120/ <b>Purpose</b> : Ensure that the SUT in state N3 on receipt of a CON message followed by a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(CN_R(1,CREF))		
11		L1!PDUs	Ms(RC_S2(0,CREF))		
12		+PTC1_SYNC_0			
13		?TIMEOUT TWAIT			
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	TrR(P_CON_S1(CIC_VAL))		
20		START TWAIT			
21		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
22		+PTC2_SYNC			
23		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+ PO_SR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108122 <b>Group</b> : DSS1_ISUP/REL_S/TC108120/ <b>Purpose</b> : Ensure that the SUT in state N3 on receipt of a CON message followed by a RELEASE message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(CN_R(1,CREF))		
11		L1!PDUs START TAC	Ms(RL_S2(0, CREF))		
12		L1?PDUr CANCEL TAC	Mr(RC_R1(1,CREF))		
13		+PTC1_SYNC_0			
14		?TIMEOUT TAC			
15		L1!PDUs	Ms(RC_S1(0,CREF))		
16		+PTC1_SYNC_0			
17		?TIMEOUT TWAIT			
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N03_2			
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))		
24		START TWAIT			
25		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TWAIT			
29		+PTC2_SYNC			
30		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC108123 <b>Group</b> : DSS1_ISUP/REL_S/TC108120/ <b>Purpose</b> : Ensure that the SUT in state N3 on receipt of a CON message followed by a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.8 Table 20, ETS 300 403-1 [1], subclauses 5.3 and 5.8.3, Q.764 [4] subclause 2.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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(CN_R(1,CREF))		
11		L1!PDUs START TAC	Ms(DI_S1(0,CREF))		
12		L1?PDUR CANCEL TAC	Mr(RL_R1(1,CREF))		
13		L1!PDUs	Ms(RC_S1(0,CREF))		
14		+PTC1_SYNC_0			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT			
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PR_N03_2			
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))		
25		START TWAIT			
26		L2?P_PDUR CANCEL TWAIT	TrI(P_REL_R2(CIC_VAL))	(P)	
27		+PTC2_SYNC			
28		L2! P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109001 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/RSC/ <b>Purpose</b> : Ensure that the SUT in state N3, having received the ACM message, on receipt of a RSC message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, 31))	(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		L2!P_PDUs	TrR (P_ACM_S(CIC_VAL))		
19		+PTC2_SYNC			
20		L2!P_PDUs START TAC	TrR(P_RSC_S(CIC_VAL))		
21		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TAC			
24		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109002 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/RSC/ <b>Purpose</b> : Ensure that the SUT in state N4, having received the ACM message, on receipt of a RSC message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R4(1, CREF, 31))	(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			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_RSC_S(CIC_VAL))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109003 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/RSC/ <b>Purpose</b> : Ensure that the SUT in state N10, on receipt of a RSC message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N10_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(DI_R4(1, CREF, 31))	(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 START TAC	TrR(P_RSC_S(CIC_VAL))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109004 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/RSC/ <b>Purpose</b> : Ensure that the SUT in state N2, on receipt of a RSC message, does not send the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N02_2			
15		+PTC2_SYNC			
16		L2!P_PDUs START TAC	TrR(P_RSC_S(CIC_VAL))		
17		L2? P_PDUs CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TAC			
20		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC109005 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/RSC/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of a RSC message, does not send the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N00_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
6		PTC1_OUT		
7		ACTIVATE(OtherwiseFail_1(0))		
8		+PR_N00_1		
9		+PTC1_SYNC_0		
10		START TNOAC		
11		?TIMEOUT TNOAC		( P )
12		+PTC1_SYNC_0		
13		+ PO_SR_1(0)		
14		PTC2_IN		
15		ACTIVATE(OtherwiseFail_2)		
16		+PTC2_SYNC		
17		L2!P_PDU <sub>s</sub> START TAC	TrR(P_RSC_S(CIC_VAL))	
18		L2? P_PDU <sub>r</sub> CANCEL TAC	TrI(P_RLC_R(CIC_VAL))	
19		+PTC2_SYNC		
<b>Detailed Comments</b> :				



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109006 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/GRS/ <b>Purpose</b> : Ensure that the SUT in state N3, having received the ACM message, on receipt of a GRS message , sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.7 Table 19, ETS 300 403 subclause 5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, 31))	(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		L2!P_PDUs	TrR (P_ACM_S(CIC_VAL))		
19		+PTC2_SYNC			
20		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
21		L2? P_PDUR CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
22		+PTC2_SYNC			
23		?TIMEOUT TAC		(I)	
24		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC109007 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/GRS/ <b>Purpose</b> : Ensure that the SUT in state N4, having received the ACM message, on receipt of a GRS message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N04_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N04_1		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(DI_R4(1, CREF, 31))	(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		
18		+PTC2_SYNC		
19		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))	
20		L2? P_PDUr CANCEL TAC	TrI(P_GRA_R(CIC_VAL))	
21		+PTC2_SYNC		
22		?TIMEOUT TAC		(I)
23		+PTC2_SYNC		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109008 <b>Group</b> : DSS1-ISUP/RSC_GRS_CGB/GRS/ <b>Purpose</b> : Ensure that the SUT in state N10, on receipt of a GRS message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N10_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(DI_R4(1, CREF, 31))	(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 START TAC	TrR(P_GRS_S(CIC_VAL))		
20		L2? P_PDUR CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(I)	
23		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109009 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/GRS/ <b>Purpose</b> : Ensure that the SUT in state N2, on receipt of a GRS message, does not send the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N02_2			
15		+PTC2_SYNC			
16		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
17		L2? P_PDUs CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TAC		( I )	
20		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109010 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/GRS/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of a GRS message, does not send the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3					
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		START TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PTC2_SYNC			
15		L2!P_PDU <sub>s</sub> START TAC	TrR(P_GRS_S(CIC_VAL))		
16		L2? P_PDU <sub>r</sub> CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
17		+PTC2_SYNC			
18		?TIMEOUT TAC		( I )	
19		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109011 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/CGB/ <b>Purpose</b> : Ensure that the SUT in state N3, having received the ACM message, on receipt of a CGB message with the Circuit group supervision message type set to "hardware failure oriented", sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9, ETS 300 403-1 [1], subclause 5.1, Q.764 [4] subclause 2.8.2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, 31))	(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		L2!P_PDUs	TrR (P_ACM_S(CIC_VAL))		
19		+PTC2_SYNC			
20		L2!P_PDUs START TAC	TrR(P_CGB_S(CIC_VAL))		
21		L2? P_PDUr CANCEL TAC	TrI(P_CGBA_R(CIC_VAL))		
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
24		L2? P_PDUr CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
25		?TIMEOUT TAC			
26		?TIMEOUT TAC		(I)	
27		+PTC2_SYNC			
28		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109012 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/CGB/ <b>Purpose</b> : Ensure that the SUT in state N4, having received the ACM message, on receipt of a CGB message with the Circuit group supervision message type set to "hardware failure oriented", sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N04_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N04_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R4(1, CREF, 31))	(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			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_CGB_S(CIC_VAL))		
20		L2? P_PDUsr CANCEL TAC	TrI(P_CGBA_R(CIC_VAL))		
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
23		L2? P_PDUsr CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
24		?TIMEOUT TAC			
25		?TIMEOUT TAC		(I)	
26		+PTC2_SYNC			
27		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC109013  
**Group** : DSS1\_ISUP/RSC\_GRS\_CGB/CGB/  
**Purpose** : Ensure that the SUT in state N10, on receipt of a CGB message with the Circuit group supervision message type set to "hardware failure oriented", sends the DISCONNECT message with the cause value set to "normal, unspecified (31)"  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 2.1.1.9  
ETS 300 403-1 [1], subclause 5.1  
Q.764 [4] subclause 2.9.3

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N10_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(DI_R4(1, CREF, 31))	(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 START TAC	TrR(P_CGB_S(CIC_VAL))		
20		L2? P_PDUr CANCEL TAC	TrI(P_CGBA_R(CIC_VAL))		
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
23		L2? P_PDUr CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
24		?TIMEOUT TAC			
25		?TIMEOUT TAC		(I)	
26		+PTC2_SYNC			
27		+ PO_RR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109014 <b>Group</b> : DSS1_ISUP/RSC_GRS_CGB/CGB/ <b>Purpose</b> : Ensure that the SUT in state N2, on receipt of a CGB message with the Circuit group supervision message type set to "hardware failure oriented", does not send the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_0			
12		+ PO_SR_1(0)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N02_2			
15		+PTC2_SYNC			
16		L2!P_PDUs START TAC	TrR(P_CGB_S(CIC_VAL))		
17		L2? P_PDUR CANCEL TAC	TrI(P_CGBA_R(CIC_VAL))		
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
20		L2? P_PDUR CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
21		?TIMEOUT TAC			
22		?TIMEOUT TAC		( I )	
23		+PTC2_SYNC			
24		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC109015 <b>Group</b> : DSS1-ISUP/RSC_GRS_CGB/CGB/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of a CGB message with the Circuit group supervision message type set to "hardware failure oriented", does not send the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.9 ETS 300 403-1 [1], subclause 5.1 Q.764 [4] subclause 2.9.3					
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)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N00_1			
9		+PTC1_SYNC_0			
10		START TNOAC			
11		?TIMEOUT TNOAC		( P )	
12		+PTC1_SYNC_0			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PTC2_SYNC			
16		L2!P_PDUs START TAC	TrR(P_CGB_S(CIC_VAL))		
17		L2? P_PDURr CANCEL TAC	TrI(P_CGBA_R(CIC_VAL))		
18		+PTC2_SYNC			
19		?TIMEOUT TAC		( I )	
20		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC112001					
<b>Group</b> : DSS1-ISUP/SUS/					
<b>Purpose</b> : Ensure that the SUT in state N10, on receipt of a SUSPEND message does not send any message.					
<b>Configuration</b> : CONFIG1					
<b>Default</b> : OtherwiseFail					
<b>Comments</b> : Q.699 [3] subclause 2.1.1.12, ETS 300 403-1 subclause 5.1.5, Q.764 [4] subclause 2.4.1					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1	L1	CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)	Mr(NO_R1(1,CREF))	(P)	(1)
2		+PR_N10_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N10_1			
9		+PTC1_SYNC_0			
10		START TNOAC			
11		L1?PDUr			
12		GOTO L1			
13		?TIMEOUT TNOAC			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		PTC2_IN	TrR(P_SUS_S(CIC_VAL))		
17		ACTIVATE(OtherwiseFail_2)			
18		+PR_N10_2			
19		+ PTC2_SYNC			
20		L2!P_PDUs			
		+ PTC2_SYNC			
		+ PO_RR_2			
<b>Detailed Comments</b> : (1) A NOTIFY message may be received, if the TP supplementary service is activated.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC113001 <b>Group</b> : DSS1_ISUP/RES/ <b>Purpose</b> : Ensure that the SUT in state N10, on receipt of a SUSPEND message followed by the RES message both containing the suspend/resume indicator set to "network initiated" does not send any message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.12, ETS 300 403-1 subclause 5.1.5, Q.764 [4] subclause 2.4.1					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1	L1	CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)	Mr(NO_R1(1,CREF))	(P)	(1)
2		+PR_N10_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N10_1			
9		+PTC1_SYNC_0			
10		START TNOAC			
11		L1?PDUR			
12		GOTO L1			
13		?TIMEOUT TNOAC			
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PR_N10_2			
19		+ PTC2_SYNC			
20		L2!P_PDUs			
21		L2!P_PDUs			
22		TrR(P_SUS_S(CIC_VAL))			
23		TrR(P_RES_S(CIC_VAL))			
24		+ PTC2_SYNC			
25		+ PO_RR_2			
<b>Detailed Comments</b> : (1) A NOTIFY message may be received, if the TP supplementary service is activated.					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC114001 <b>Group</b> : DSS1_ISUP/REL_BE/ <b>Purpose</b> : Ensure that the SUT in state N10, having received a SUSPEND message containing the suspend/resume indicator set to "network initiated", at expire of timer T6, sends a REL message with the cause parameter set to "recovery on timer expire (102)" and a DISCONNECT message with the cause information element set to "normal call clearing (16)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 2.1.1.13 Table 23, ETS 300 403-1 subclause 5.1.5, Q.764 [4] subclause 2.4.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N10_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC_T6			
5		?DONE(PTC1, PTC2)			
6		MTC_SYNC_T6			
7		START T6MAX			
8		CPA1?CP_M CANCEL T6MAX, START TAC	RDY		
9		CPA2?CP_M CANCEL TAC	RDY		
10		CPA1!CP_M	RDY		
11		CPA2!CP_M	RDY		
12		?TIMEOUT TAC		(F)	
13		CPA1!CP_M	STOP_PTC		
14		CPA2!CP_M	STOP_PTC		
15		CPA2?CP_M CANCEL T6MAX, START TAC	RDY		
16		CPA1?CP_M CANCEL TAC	RDY		
17		CPA1!CP_M	RDY		
18		CPA2!CP_M	RDY		
19		?TIMEOUT TAC		(F)	
20		CPA1!CP_M	STOP_PTC		
21		CPA2!CP_M	STOP_PTC		
22		?TIMEOUT T6MAX		(F)	
23		CPA1!CP_M	STOP_PTC		
24		CPA2!CP_M	STOP_PTC		
25		PTC1_OUT			
26		ACTIVATE(OtherwiseFail_1(0))			
27		+PR_N10_1			
28		+PTC1_SYNC_0			
29		START T6MAX			
30		L1?PDUr CANCEL T6MAX	Mr(DI_R4(1, CREF, 16))	(P)	
31		+PTC1_SYNC_0			
32		+ PO_SR_1(0)			
33		?TIMEOUT T6MAX		(F)	
34		+PTC1_SYNC_0			
35		+ PO_SR_1(0)			
36		PTC2_IN			
37		ACTIVATE(OtherwiseFail_2)			
38		+PR_N10_2			
39		+ PTC2_SYNC			
40		L2!P_PDUr START T6MIN, START T6MAX	TrR(P_SUS_S(CIC_VAL))		
41		?TIMEOUT T6MIN			
42		L2?P_PDUr CANCEL T6MIN	TrI(P_REL_R3(CIC_VAL, 102))	(P)	
43		+PTC2_SYNC			
44		+ PO_SR_2			
45		?TIMEOUT T6MAX		(F)	

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
43		+ PTC2_SYNC			
44		+ PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC115001 <b>Group</b> : DSS1_ISUP/RLC/ <b>Purpose</b> : Ensure that the SUT in state N2, before having received an ACM message, on receipt of a RLC message, sends a DISCONNECT message and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_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_N02_2			
18		+ PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))		
20		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))		
23		?TIMEOUT TAC		(F)	
24		+ PTC2_SYNC			
25		+ PO_RR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC115002 <b>Group</b> : DSS1-ISUP/RLC/ <b>Purpose</b> : Ensure that the SUT in state N3, before having received an ACM message, on receipt of a RLC message, sends a DISCONNECT and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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_RLC_S(CIC_VAL))		
20		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
21		+PTC2_SYNC			
22		L2!P_PDUr	TrR(P_RLC_S(CIC_VAL))		
23		?TIMEOUT TAC		(F)	
24		+ PTC2_SYNC			
25		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC115003  
**Group** : DSS1\_ISUP/RLC/  
**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", and the RLC message, sends a CALL PROCEEDING message followed by a DISCONNECT and a REL message  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(CP_R1(1, CREF))		
11		L1?PDUR CANCEL TWAIT	Mr(DI_R1(1, CREF))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+ PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S1(CIC_VAL))		
24		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))		
25		L2?P_PDUR CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))		
28		?TIMEOUT TAC		(F)	
29		+ PTC2_SYNC			
30		+ PO_RR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC115004 <b>Group</b> : DSS1-ISUP/RLC/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the RLC message, sends an ALERTING message followed by a DISCONNECT and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N02_MTC		
3		+ MTC_SYNC		
4		+ MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(0))		
7		+PR_N02_1		
8		+PTC1_SYNC_0		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(ALT_R(1, CREF))	
11		L1?PDUR CANCEL TWAIT	Mr(DI_R1(1, CREF))	(P)
12		+PTC1_SYNC_0		
13		+ PO_SR_1(0)		
14		?TIMEOUT TWAIT		(I)
15		+PTC1_SYNC_0		
16		+ PO_SR_1(0)		
17		?TIMEOUT TWAIT		(I)
18		+PTC1_SYNC_0		
19		+ PO_SR_1(0)		
		PTC2_IN		
20		ACTIVATE(OtherwiseFail_2)		
21		+PR_N02_2		
22		+ PTC2_SYNC		
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL, '01'B, '1'B, '1'B, '0'B))	
24		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))	
25		L2?P_PDUR CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)
26		+PTC2_SYNC		
27		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))	
28		?TIMEOUT TAC		(F)
29		+ PTC2_SYNC		
30		+ PO_RR_2		
<b>Detailed Comments</b> :				

## Test Case Dynamic Behaviour

**Test Case Name** : TC115005  
**Group** : DSS1\_ISUP/RLC/  
**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Alerting and a RLC message sends a CALL PROCEEDING message followed by an ALERTING and a DISCONNECT and a REL message  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N02_1			
9		+PTC1_SYNC_0			
10		START TWAIT			
11		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(CP_R1(1, CREF))		
12		L1?PDUR CANCEL TWAIT, START TWAIT	Mr(ALT_R(1, CREF))		
13		L1?PDUR CANCEL TWAIT	Mr(DI_R1(1, CREF))	(P)	
14		+PTC1_SYNC_0			
15		+ PO_SR_1(0)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_0			
18		+ PO_SR_1(0)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_0			
21		+ PO_SR_1(0)			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_0			
24		+ PO_SR_1(0)			
25		PTC2_IN			
26		ACTIVATE(OtherwiseFail_2)			
27		+PR_N02_2			
28		+ PTC2_SYNC			
29		L2!P_PDUs	TrR(P_ACM_S1(CIC_VAL))		
30		L2!P_PDUs	TrR(P_CPG_S(CIC_VAL,1))		
31		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))		
32		L2?P_PDUR CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
33		+PTC2_SYNC			
34		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))		
35		?TIMEOUT TAC		(F)	
36		+ PTC2_SYNC			
37		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC115006 <b>Group</b> : DSS1-ISUP/RLC/ <b>Purpose</b> : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to Progress and a RLC message sends a CALL PROCEEDING message followed by a PROGRESS message and a DISCONNECT and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(0))			
8		+PR_N02_1			
9		+PTC1_SYNC_0			
10		START TWAIT			
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CP_R1(1, CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(PG_R(1, CREF))		
13		+PTC1_SYNC_0			
14		START TWAIT			
15		L1?PDUr CANCEL TWAIT	Mr(DI_R1(1, CREF))	(P)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
24		?TIMEOUT TWAIT		(I)	
25		+PTC1_SYNC_0			
26		+ PO_SR_1(0)			
		PTC2_IN			
27		ACTIVATE(OtherwiseFail_2)			
28		+PR_N02_2			
29		+ PTC2_SYNC			
30		L2!P_PDUs	TrR(P_ACM_S1(CIC_VAL))		
31		L2!P_PDUs	TrR(P_CPG_S1(CIC_VAL, 2, '00'B, '1'B, '1'B, '1'B))		
32		+PTC2_SYNC			
33		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))		
34		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
35		+PTC2_SYNC			
36		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))		
37		?TIMEOUT TAC		(F)	
38		+ PTC2_SYNC			
39		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC115007  
**Group** : DSS1\_ISUP/RLC/  
**Purpose** : Ensure that the SUT in the state N2 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", followed by CPG message where the Event indicator is set to in-band information or an appropriate pattern is now available and a RLC message sends a CALL PROCEEDING message followed by a PROGRESS message and a DISCONNECT and REL message.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CP_R1(1, CREF))		
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(PG_R(1, CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R1(1, CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+ PTC2_SYNC			
27		L2!P_PDUr	TrR(P_ACM_S1(CIC_VAL))		
28		L2!P_PDUr	TrR(P_CPG_S1(CIC_VAL,3,'00'B,'1'B,'1'B,'0'B))		
29		L2!P_PDUr START TAC	TrR(P_RLC_S(CIC_VAL))		
30		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2!P_PDUr	TrR(P_RLC_S(CIC_VAL))		
33		?TIMEOUT TAC		(F)	
34		+ PTC2_SYNC			
35		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC115008 <b>Group</b> : DSS1-ISUP/RLC/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the OBCI with the in-band information is set to "no", and the RLC message, sends a DISCONNECT and a REL. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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_PDUs	TrR(P_ACM_S1(CIC_VAL))		
20		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))		
21		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))		
24		?TIMEOUT TAC		(F)	
25		+ PTC2_SYNC			
26		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC115009 <b>Group</b> : DSS1_ISUP/RLC/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI and the RLC message, sends a PROGRESS message with a progress indicator set to PI_VALUE followed by a DISCONNECT and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, START TWAIT	Mr(PG_R1(1,CREF,?,8))		
11		L1?PDUR CANCEL TWAIT	Mr(DI_R1(1, CREF))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N03_2			
22		+ PTC2_SYNC			
23		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'00'B,PXP_I SUPI,PXP_ISDNAI,'1'B))		
24		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))		
25		L2?P_PDUR CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))		
28		?TIMEOUT TAC		(F)	
29		+ PTC2_SYNC			
30		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC115010 <b>Group</b> : DSS1-ISUP/RLC/ <b>Purpose</b> : Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the RLC message sends an ALERTING message followed by a DISCONNECT and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N03_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, START TWAIT	Mr(ALT_R(1, CREF))		
11		L1?PDUR CANCEL TWAIT	Mr(DI_R1(1, CREF))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N03_2			
22		+ PTC2_SYNC			
23		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL, '01'B, '1'B, '1'B, '0'B))		
24		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))		
25		L2?P_PDUR CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))		
28		?TIMEOUT TAC		(F)	
29		+ PTC2_SYNC			
30		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC115011 <b>Group</b> : DSS1_ISUP/RLC/ <b>Purpose</b> : Ensure that the SUT in the state N2 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message and RLC message sends an ALERTING message followed by CONNECT and DISCONNECT and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(ALT_R(1, CREF))		
11		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CN_R(1, CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R1(1, CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N02_2			
26		+ PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B))		
28		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
29		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))		
30		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))		
33		?TIMEOUT TAC		(F)	
34		+ PTC2_SYNC			
35		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC115012 <b>Group</b> : DSS1-ISUP/RLC/ <b>Purpose</b> : Ensure that the SUT in state N2 after receiving the CON message and the RLC message, sends a CONNECT message followed by a DISCONNECT and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N02_MTC			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(0))			
7		+PR_N02_1			
8		+PTC1_SYNC_0			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(CN_R(1, CREF))		
11		L1?PDUr CANCEL TWAIT	Mr(DI_R1(1, CREF))	(P)	
12		+PTC1_SYNC_0			
13		+ PO_SR_1(0)			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_0			
16		+ PO_SR_1(0)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_0			
19		+ PO_SR_1(0)			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PR_N02_2			
22		+ PTC2_SYNC			
23		L2!P_PDUs	TrR(P_CON_S1(CIC_VAL))		
24		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))		
25		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))		
28		?TIMEOUT TAC		(F)	
29		+ PTC2_SYNC			
30		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC115013  
**Group** : DSS1-ISUP/RLC/  
**Purpose** : Ensure that the SUT in the state N3 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message and RLC message sends an ALERTING message followed by CONNECT and DISCONNECT and a REL message  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : ETS 300 403-1 [1], subclause 5.3, Q.764 [4] subclause 2.9.5.1

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N10_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	Mr(ALT_R(1, CREF))		
11		L1?PDUR START TWAIT	Mr(CN_R(1, CREF))		
12		L1?PDUR CANCEL TWAIT	Mr(DI_R1(1, CREF))	(P)	
13		+PTC1_SYNC_0			
14		+ PO_SR_1(0)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_0			
17		+ PO_SR_1(0)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_0			
20		+ PO_SR_1(0)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_0			
23		+ PO_SR_1(0)			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PR_N03_2			
26		+ PTC2_SYNC			
27		L2!P_PDUs	TrR(P_ACM_S2(CIC_VAL, '01'B, '1'B, '1'B, '0'B))		
28		L2!P_PDUs	TrR(P_ANM_S(CIC_VAL))		
29		L2!P_PDUs START TAC	TrR(P_RLC_S(CIC_VAL))		
30		L2?P_PDUR CANCEL TAC	TrI(P_REL_R(CIC_VAL))	(P)	
31		+PTC2_SYNC			
32		L2!P_PDUs	TrR(P_RLC_S(CIC_VAL))		
33		?TIMEOUT TAC		(F)	
34		+ PTC2_SYNC			
35		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301001 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing the complete called party number and the sending complete indication, sends the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR (P_IAM_S0)		
20		L2?P_PDUr CANCEL TAC	TrI (P_ACM_R(PXP_CIC_S))		
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TAC			
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301002 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing in the called party number with some digits, followed by SAM messages including the rest of the digits and the last SAM providing in addition the sending complete indication, sends the SETUP message after having received the last SAM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR (P_IAM_S1)		
20		L2!P_PDUs	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL2_S, PXP_SNbV_OVERL2_S))		
21		L2!P_PDUs START TAC	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL3_S, PXP_SNbV_OVERL3_S))		
22		L2?P_PDUr CANCEL TAC	TrI (P_ACM_R(PXP_CIC_S))		
23		+PTC2_SYNC			
24		+ PO_SR_2			
25		?TIMEOUT TAC			
26		+PTC2_SYNC			
27		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301003 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing in the called party number with some digits, followed by SAM messages including the rest of the digits and the last SAM providing in addition the sending complete indication, sends the SETUP message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(SUA_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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR (P_IAM_S1)		
20		L2!P_PDUs	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL2_S, PXP_SNbV_OVERL2_S))		
21		L2!P_PDUs START TAC	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL3_S, PXP_SNbV_OVERL3_S))		
22		L2?P_PDUr CANCEL TAC	TrI (P_ACM_R(PXP_CIC_S))		
23		+PTC2_SYNC			
24		+ PO_SR_2			
25		?TIMEOUT TAC			
26		+PTC2_SYNC			
27		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301004 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message with the nature of connection indicator set to "continuity check required on this circuit (01)", does not send the SETUP message before it has received the COT message with the continuity indicator set to "continuity check successful (1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclauses 2.1.1, 2.1.8					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_IAM_S2('01'B))		
20		L2!P_PDUs START TAC	TrR(P_COT_S(PXP_CIC_S))		
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TAC			
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301005 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message with the nature of connection indicator set to "continuity check required on a previous circuit (10)", does not send the SETUP message before it has received the COT message with the continuity indicator set to "continuity check successful (1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclauses 2.1.1, 2.1.8					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs	TrR(P_IAM_S2('10'B))		
20		L2!P_PDUs START TAC	TrR(P_COT_S(PXP_CIC_S))		
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TAC			
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC301006 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing a Transmission Medium Requirement (TMR) set to "3.1 kHz audio" and without User Service Information (USI), sends the SETUP message with the Bearer Capability (BC) encoded as followed: the Coding standard set to "CCITT standardised coding", the Information transfer capability set to "3.1 kHz audio", the transfer mode set to "circuit mode" and the information transfer rate set to "64 kbits/s". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1 Table 73, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
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(1))		
7		+PR_N00_1		
8		+PTC1_SYNC_1		
9		START TWAIT		
10		+SETUP_R(SU_R3(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO))		
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_IN		
17		ACTIVATE(OtherwiseFail_2)		
18		+PTC2_SYNC		
19		L2!P_PDUs START TAC	TrR (P_IAM_S3('03'O))	
20		+PTC2_SYNC		
21		+ PO_SR_2		
22		?TIMEOUT TAC		
23		+PTC2_SYNC		
24		+ PO_SR_2		
<b>Detailed Comments</b> :				



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301007 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing a TMR set to "64 kbit/s unrestricted" and without User Service Information (USI), sends the SETUP message with the Bearer Capability (BC) encoded as followed: the Coding standard set to "CCITT standardised coding", the Information transfer capability set to "unrestricted digital information", the transfer mode set to "circuit mode" and the information transfer rate set to "64 kbits/s". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1 Table 73, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R3(PX_BCAPL_UDI_64 KB,PX_BCAPV_UDI_64KB))			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR (P_IAM_S3('02'O))		
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301008 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message User Service Information (USI) set to USI_VALUE, sends the SETUP message with the Bearer Capability (BC) set to USI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1 Table 73, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R3(PXP_USI_LENGTH, PXP_USI_VALUE))			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_IAM_S4(PXP_USI_LENGTH,PXP_USI_VALUE))		
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301009 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message USI set to "speech" and the USI Prime set to "unrestricted digital information with tones and announcements", sends the SETUP message with the first Bearer Capability set to "speech" (the USI value) and the second BC set to "unrestricted digital information with tones and announcements" (the USI prime value). <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1 Table 73, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R4(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDIT A_ANYR, PX_BCAPV_UDITA_ANYR))			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_IAM_S5(PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, PX_BCAPL_UDIT A_ANYR, PX_BCAPV_UDITA_ANYR))		
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301011 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing the ISUP indicator set to "ISUP not used all the way", sends the SETUP message with the progress indicator set to "call is not end-to-end ISDN: further call progress information may be available in-band (#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1 Table 74, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R5(1))			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_IAM_S6('0'B,'1'B))		
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301012 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "originating access non-ISDN", sends the SETUP message with the progress indicator set to "Originating access id non ISDN (#3)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1 Table 74, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R5(3))			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_IAM_S6('1'B,'0'B))		
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301013 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "originating access ISDN" and an Access Transport Parameter (ATP) containing a progress indicator set to PI_VALUE, sends the SETUP message with the progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1 Table 74, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R5(PX_PI_PD))			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_IAM_S7(PX_PI_LOC,PX_PI_PD))		
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301014 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing the Access Transport Parameter (ATP) containing the Low Layer Compatibility (LLC) set to LLC_VALUE, sends the SETUP message with the LLC set to LLC_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R6)			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_IAM_S8)		
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC301015 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing the Access Transport Parameter (ATP) containing the High Layer Compatibility (HLC) set to HLC_VALUE, sends the SETUP message with the HLC set to HLC_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
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(1))		
7		+PR_N00_1		
8		+PTC1_SYNC_1		
9		START TWAIT		
10		+SETUP_R(SU_R7)		
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_IN		
17		ACTIVATE(OtherwiseFail_2)		
18		+PTC2_SYNC		
19		L2!P_PDUs START TAC	TrR(P_IAM_S9)	
20		+PTC2_SYNC		
21		+ PO_SR_2		
22		?TIMEOUT TAC		
23		+PTC2_SYNC		
24		+ PO_SR_2		
<b>Detailed Comments</b> :				



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC301016 <b>Group</b> : ISUP_DSS1/SETUP/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of an IAM message containing the Access Transport Parameter (ATP) containing two High Layer Compatibility (HLC) set to respectively HLC_VALUE1 and HLC_VALUE2, sends the SETUP message with two HLC in the same order HLC_VALUE1 and HLC_VALUE2. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R8)			
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_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_IAM_S10)		
20		+PTC2_SYNC			
21		+ PO_SR_2			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
24		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC302001 <b>Group</b> : ISUP_DSS1/INFO/ <b>Purpose</b> : Ensure that the SUT in call state N25 on receipt of a SAM message, containing additional digits without sending complete indication, sends the INFORMATION message providing additional digits. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.1, ETS 300 403-1 [1], subclause 5.2, Q.764 [4] subclause 2.1.1					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R2)			
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(IN_R2(0,CREF))	(P)	INFO with sending complete indication
13		L1!PDUs	Ms(CP_S1(1,CREF))		
14		+PTC1_SYNC_1			
15		+ PO_RR_1(1)			
16		L1?PDUr CANCEL TWAIT	Mr(IN_R1(0,CREF))	(P)	INFO without sending complete indication
17		L1!PDUs	Ms(CP_S1(1,CREF))		
18		+PTC1_SYNC_1			
19		+ PO_RR_1(1)			
20		?TIMEOUT TWAIT		(F)	
21		+PTC1_SYNC_1			
22		+PO_RR_1(1)			
23		?TIMEOUT TWAIT		(I)	
24		+PTC1_SYNC_1			
25		+PO_RR_1(1)			
		PTC2_IN			
26		ACTIVATE(OtherwiseFail_2)			
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR (P_IAM_S1)		
29		L2!P_PDUs START TAC	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL2_S, PXP_SNbV_OVERL2_S))		
			TrI (P_ACM_R(PXP_CIC_S))		
30		L2?P_PDUr CANCEL TAC			
31		+PTC2_SYNC			
32		+ PO_SR_2			
33		?TIMEOUT TAC			
34		+PTC2_SYNC			
35		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303001 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N25, on receipt the ALERTING message sends the ACM message with the Called Party's Status (CPS) indicator set to "subscriber free (01)", the Called party's category indicator set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the interworking indicator set to "no interworking encountered (0)", the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "ISDN" and if included the access delivery information is set to "Set-up message generated". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R10 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/ TJS
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303002 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N6, on receipt the ALERTING message sends the ACM message with the CPS indicator set to "subscriber free (01)", the Called party's category indicator set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the interworking indicator set to "no interworking encountered (0)", the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "ISDN" and if included the access delivery information is set to "Set-Up message generated". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R10 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/ TJS
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303003 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt the ALERTING message sends the ACM message with the CPS indicator set to "subscriber free (01)", the Called party's category indicator set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the interworking indicator set to "no interworking encountered (0)", the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "ISDN" and if included the access delivery information is set to "Set-Up message generated". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_NO_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUsr CANCEL TWAIT	TrI (P_ACM_R10 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/ TJS
21		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC303004  
**Group** : ISUP\_DSS1/ACM/  
**Purpose** : Ensure that the SUT in call state N25, on receipt of the CALL PROCEEDING message sends the ACM message with the CPS indicator set to "no indication (00)", the Called party's category indicator set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the interworking indicator set to "no interworking encountered (0)", the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "ISDN" and if included the access delivery information is set to "Set-up message generated".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.3,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CP_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R1(PXP_CIC_S,'00'B,'1'B,'1'B))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC303005\_01

**Group** : ISUP\_DSS1/ACM/TC303005/

**Purpose** : Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing a progress indicator set to "Call is not end-to-end ISDN: further call progress information may be available in-band (#1)", sends the ACM message with the CPS indicator set to "no indication (00)", the Called party's category indicator set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the interworking indicator set to "no interworking encountered (0)", the ISUP indicator set to "ISUP used all the way", the ISDN access indicator set to "ISDN", the Access Transport Parameter (ATP) containing the progress indicator set to "Call is not end-to-end ISDN: further call progress information may be available in-band (#1)" and if included the access delivery information is set to "Set-up message generated".

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 3.1.1.3,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R1(PXP_CIC_S,'00'B , '1'B, '1'B, '0000'B,1))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC303005\_02  
**Group** : ISUP\_DSS1/ACM/TC303005/  
**Purpose** : Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing a progress indicator set to "Destination address is non-ISDN (#2)", sends the ACM message with the CPS indicator set to "no indication (00)", the Called party's category indicator set to "no indication(00) or "ordinary subscriber (01)" or "payphone (10)", the interworking indicator set to "no interworking encountered (0)", the ISUP indicator set to "ISUP used all the way", the ISDN access indicator set to "ISDN", the Access Transport Parameter (ATP) containing the progress indicator set to "Destination address is non-ISDN (#2)" and if included the access delivery information is set to "Set-up message generated".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.3,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,2))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R11(PXP_CIC_S,'00'B , '1'B, '1'B, '0000'B,2))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303006_01 <b>Group</b> : ISUP_DSS1/ACM/TC303006/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt of a PROGRESS message containing the progress indicator set to "Call is not end-to-end ISDN: further call progress information may be available in-band (#1)", sends the ACM message with the CPS indicator set to "no indication (00)", the Called party's category indicator set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the interworking indicator set to "no interworking encountered (0)", the ISUP indicator set to "ISUP used all the way", the ISDN access indicator set to "ISDN", the Access Transport Parameter (ATP) containing the progress indicator set to PI_VALUE and if included the access delivery information is set to "Set-up message generated". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,1))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_NO_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUsr CANCEL TWAIT	TrI(P_ACM_R11(PXP_CIC_S,'00'B , '1'B, '1'B, '0000'B,1))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/ TJS
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303006_02 <b>Group</b> : ISUP_DSS1/ACM/TC303006/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt of the PROGRESS message containing a progress indicator set to "Destination address is non-ISDN (#2)", sends the ACM message with the CPS indicator set to "no indication (00)", the Called party's category indicator set to "no indication(00) or "ordinary subscriber (01)" or "payphone (10)", the interworking indicator set to "no interworking encountered (0)", the ISUP indicator set to "ISUP used all the way", the ISDN access indicator set to "ISDN", the Access Transport Parameter (ATP) containing the progress indicator set to "Destination address is non-ISDN (#2)" and if included the access delivery information is set to "Set-up message generated". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N00_1			CHANGE /19/ TJS
8		CPA1!CP_M	RDY		
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		+PTC1_SYNC_1			
12		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,2))		
13		+PTC1_SYNC_1			
14		+ PO_RR_1(1)			
15		?TIMEOUT TWAIT		( I )	
16		+PTC1_SYNC_1			
		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PR_N09_2_NO_ACM			
19		+PTC2_SYNC			
20		START TWAIT			
21		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R11(PXP_CIC_S,'00'B , '1'B, '1'B, '0000'B,2))	( P )	
22		+PTC2_SYNC			
23		+PO_SR_2			
24		?TIMEOUT TWAIT		( I )	
25		+PTC2_SYNC			CHANGE /14/ TJS
26		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303007_01					
<b>Group</b> : ISUP_DSS1/ACM/TC303007/					
<b>Purpose</b> : Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing a progress indicator set to "originating address is non-ISDN (#3)", does not send the ACM message.					
<b>Configuration</b> : CONFIG1					
<b>Default</b> : OtherwiseFail					
<b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)	Ms(CP_S2(1,CREF,'0000'B,3))	(P)	CHANGE /14/ TJS
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs			
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2			
14		+PTC2_SYNC			
15		START TNOAC			
16		?TIMEOUT TNOAC			
17		+PTC2_SYNC			
18		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303007_02					
<b>Group</b> : ISUP_DSS1/ACM/TC303007/					
<b>Purpose</b> : Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing a progress indicator set to "Call has returned to ISDN (#4)", does not send the ACM message.					
<b>Configuration</b> : CONFIG1					
<b>Default</b> : OtherwiseFail					
<b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)	Ms(CP_S2(1,CREF,'0000'B,4))	(P)	CHANGE /14/ TJS
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs			
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2			
14		+PTC2_SYNC			
15		START TNOAC			
16		?TIMEOUT TNOAC			
17		+PTC2_SYNC			
18		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303008_01 <b>Group</b> : ISUP_DSS1/ACM/TC303008/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt of the PROGRESS message containing a progress indicator set to "originating address is non-ISDN (#3)", does not send the ACM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S2(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,3))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_NO_ACM			
14		+PTC2_SYNC			
15		START TNOAC			
16		?TIMEOUT TNOAC		(P)	
17		+PTC2_SYNC			CHANGE /14/ TJS
18		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303008_02 <b>Group</b> : ISUP_DSS1/ACM/TC303008/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt of the PROGRESS message containing a progress indicator set to "Call has returned to ISDN (#4)", does not send the ACM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N09_1_NO_ACM			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(PG_S2(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,4))		CHANGE /35/ TJS
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_NO_ACM			
16		+PTC2_SYNC			
17		START TNOAC			
18		?TIMEOUT TNOAC		(P)	
19		+PTC2_SYNC			CHANGE /14/ TJS
20		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303009 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N25, on receipt the ALERTING message containing a progress indicator set to PI_VALUE sends the ACM message with the CPS indicator set to "subscriber free (01)" and the Access Transport Parameter (ATP) containing the progress indicator PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S2(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R2(PXP_CIC_S,'01'B,'??'B,'?'B,'?'B,PX_PI_LOC,PX_PI_PD_NOT8))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC303010 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N6, on receipt the ALERTING message containing a progress indicator set to PI_VALUE sends the ACM message with the CPS indicator set to subscriber free (01) and the ATP containing the progress indicator PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N06_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N06_1		
8		+PTC1_SYNC_1		
9		L1!PDUs	Ms(ALT_S2(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))	
10		+PTC1_SYNC_1		
11		+ PO_RR_1(1)		
		PTC2_IN		
12		ACTIVATE(OtherwiseFail_2)		
13		+PR_N06_2		
14		+PTC2_SYNC		
15		START TWAIT		
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R2(PXP_CIC_S,'01'B,'??'B,'?'B,'?'B,PX_PI_LOC,PX_PI_PD_NOT8))	(P)
17		+PTC2_SYNC		
18		+PO_SR_2		
19		?TIMEOUT TWAIT		(I)
20		+PTC1_SYNC_1		
21		+PO_SR_2		
<b>Detailed Comments</b> :				



Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC303011 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt the ALERTING message containing a progress indicator set to PI_VALUE sends the ACM message with the CPS indicator set to "subscriber free (01)" and the ATP containing the progress indicator PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N09_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N09_1_NO_ACM		
8		+PTC1_SYNC_1		
9		L1!PDUs	Ms(ALT_S2(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))	
10		+PTC1_SYNC_1		
11		+ PO_RR_1(1)		
		PTC2_IN		
12		ACTIVATE(OtherwiseFail_2)		
13		+PR_N09_2_NO_ACM		
14		+PTC2_SYNC		
15		START TWAIT		
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R2(PXP_CIC_S,'01'B,'??'B,'?'B,'?'B,PX_PI_LOC,PX_PI_PD_NOT8))	(P)
17		+PTC2_SYNC		
18		+PO_SR_2		
19		?TIMEOUT TWAIT		(I)
20		+PTC1_SYNC_1		
21		+PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303012 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N25, on receipt of the CALL PROCEEDING message containing a progress indicator set to PI_VALUE sends the ACM message with the CPS indicator set to "no indication (00)" and the ATP containing the progress indicator PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CP_S2(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R2(PXP_CIC_S,'00'B,'??'B,'?'B,'?'B,PX_PI_LOC,PX_PI_PD_NOT8))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303013_01 <b>Group</b> : ISUP_DSS1/ACM/TC303013/ <b>Purpose</b> : Ensure that the SUT in call state N25, on receipt the ALERTING message containing the Bearer Capability (BC) set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "subscriber free (01)", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S3(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_1('06'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'01'B,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'01'B,'0000'B,5,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC303013\_02  
**Group** : ISUP\_DSS1/ACM/TC303013/  
**Purpose** : Ensure that the SUT in call state N25, on receipt the ALERTING message containing the Bearer Capability (BC) set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "subscriber free (01)", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "3.1 kHz audio".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.3,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S3(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_1('06'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'01'B,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'01'B,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303014_01 <b>Group</b> : ISUP_DSS1/ACM/TC303014/ <b>Purpose</b> : Ensure that the SUT in call state N6, on receipt the ALERTING message containing the Bearer Capability (BC) set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "subscriber free (01)", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S3(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_1('02'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'01'B,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'01'B,'0000'B,5,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			
CHANGE /14/					
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC303014\_02  
**Group** : ISUP\_DSS1/ACM/TC303014/  
**Purpose** : Ensure that the SUT in call state N6, on receipt the ALERTING message containing the Bearer Capability (BC) set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "subscriber free (01)", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "3.1 kHz audio".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.3,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S3(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_1('02'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'01'B,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'01'B,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303015_01 <b>Group</b> : ISUP_DSS1/ACM/TC303015/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt the ALERTING message containing the Bearer Capability (BC) set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "subscriber free (01)", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S3(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('02'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'01'B,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'01'B,'0000'B,5,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC303015\_02  
**Group** : ISUP\_DSS1/ACM/TC303015/  
**Purpose** : Ensure that the SUT in call state N9, on receipt the ALERTING message containing the Bearer Capability (BC) set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "subscriber free (01)", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "3.1 kHz audio".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.3,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S3(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('02'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'01'B,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'01'B,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303016_01 <b>Group</b> : ISUP_DSS1/ACM/TC303016/ <b>Purpose</b> : Ensure that the SUT in call state N25, on receipt of the CALL PROCEEDING message containing the Bearer Capability (BC) set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "no indication (00)", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S2(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_1('02'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'00'B,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'00'B,'0000'B,5,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303016_02 <b>Group</b> : ISUP_DSS1/ACM/TC303016/ <b>Purpose</b> : Ensure that the SUT in call state N25, on receipt of the CALL PROCEEDING message containing the Bearer Capability (BC) set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "no indication (00)", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDU's	Ms(PG_S2(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_1('02'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'00'B,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'00'B,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303017_01 <b>Group</b> : ISUP_DSS1/ACM/TC303017/ <b>Purpose</b> : Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing the Bearer Capability (BC) set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "no indication (00)", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CP_S4(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_1('02'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'00'B,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'00'B,'0000'B,5,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303017_02 <b>Group</b> : ISUP_DSS1/ACM/TC303017/ <b>Purpose</b> : Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing the Bearer Capability (BC) set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "no indication (00)", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(CP_S4(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_1('02'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'00'B,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'00'B,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303018_01 <b>Group</b> : ISUP_DSS1/ACM/TC303018/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt of the PROGRESS message containing the Bearer Capability (BC) set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "no indication (00)", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S2(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('02'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'00'B,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'00'B,'0000'B,5,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303018_02 <b>Group</b> : ISUP_DSS1/ACM/TC303018/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt of the PROGRESS message containing the Bearer Capability (BC) set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the CPS indicator set to "no indication (00)", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the Transmission Medium Used (TMU) set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDU's	Ms(PG_S2(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('02'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R4(PXP_CIC_S,'00'B,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R5(PXP_CIC_S,'00'B,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303019 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N25, on receipt the ALERTING message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC_VALUE sends the ACM message with the CPS indicator set to "subscriber free (01)", the ATP including the HLC set to HLC_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3 Table 76, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S4(1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_3			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R8(PXP_CIC_S,'01'B,'0000'B,5))	(P)	CHANGE /30/ TJS
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R6(PXP_CIC_S,'01'B,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303020 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N6, on receipt the ALERTING message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC_VALUE sends the ACM message with the CPS indicator set to "subscriber free (01)", the ATP including the HLC set to HLC_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3 Table 76, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S4(1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_3			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R8(PXP_CIC_S,'01'B,'0000'B,5))	(P)	CHANGE /30/TJS
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R6(PXP_CIC_S,'01'B,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303021 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt the ALERTING message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC_VALUE sends the ACM message with the CPS indicator set to "subscriber free (01)", the ATP including the HLC set to HLC_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3 Table 76, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S4(1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_NO_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R6(PXP_CIC_S,'01'B,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R8(PXP_CIC_S,'01'B,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC303022 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N25, on receipt the CALL PROCEEDING message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC_VALUE sends the ACM message with the CPS indicator set to "no indication (00)", the ATP including the HLC set to HLC_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3 Table 76, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N25_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N25_1		
8		+PTC1_SYNC_1		
9		L1!PDUs	Ms(CP_S3(1,CREF,'0000'B,5))	
10		+PTC1_SYNC_1		
11		+ PO_RR_1(1)		
		PTC2_IN		
12		ACTIVATE(OtherwiseFail_2)		
13		+PR_N25_2_3		
14		+PTC2_SYNC		
15		START TWAIT		
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R6(PXP_CIC_S,'00'B,'0000'B,5))	(P)
17		+PTC2_SYNC		
18		+PO_SR_2		
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R8(PXP_CIC_S,'00'B,'0000'B,5))	(P)
20		+PTC2_SYNC		
21		+PO_SR_2		
22		?TIMEOUT TWAIT		(I)
23		+PTC2_SYNC		
24		+PO_SR_2		
<b>Detailed Comments</b> :				

CHANGE /31/  
TJS  
  
/14/

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303023 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC_VALUE sends the ACM message with the CPS indicator set to "no indication (00)", the ATP including the HLC set to HLC_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3 Table 76, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CP_S3(1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_3			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R6(PXP_CIC_S,'00'B,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_ACM_R8(PXP_CIC_S,'00'B,'0000'B,5))	(P)	CHANGE /31/ TJS
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			/14/
24		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC303024  
**Group** : ISUP\_DSS1/ACM/  
**Purpose** : Ensure that the SUT in call state N9, on receipt of the PROGRESS message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC\_VALUE sends the ACM message with the CPS indicator set to "no indication (00)", the ATP including the HLC set to HLC\_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.3 Table 76,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S5(1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_NO_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R6(PXP_CIC_S,'00'B,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_ACM_R8(PXP_CIC_S,'00'B,'0000'B,5))	(P)	CHANGE /31/ TJS
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			/14/

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303025 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing no progress indicator, does not send the ACM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N06_1			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(CP_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N06_2			
16		+PTC2_SYNC			
17		START TNOAC			
18		?TIMEOUT TNOAC		(P)	/14/
		+PTC2_SYNC			
		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303026 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N9, on receipt of a PROGRESS message containing no progress indicator, does not send the ACM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)	Ms(PG_S(1,CREF))	(P)	/14/
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N09_1_NO_ACM			
9		+PTC1_SYNC_1			
10		L1!PDUs			
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_NO_ACM			
16		+PTC2_SYNC			
17		START TNOAC			
18		?TIMEOUT TNOAC			
		+PTC2_SYNC			
		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303027 <b>Group</b> : ISUP_DSS1/ACM/ <b>Purpose</b> : Ensure that the SUT in call state N25, on receipt of the PROGRESS message containing a progress indicator set to PI_VALUE, does not send the ACM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,PX_PI_PD_NOT8))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2			
14		+PTC2_SYNC			
15		START TNOAC			
16		?TIMEOUT TNOAC		(P)	
17		+PTC2_SYNC			/14/
18		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303028					
<b>Group</b> : ISUP_DSS1/ACM/					
<b>Purpose</b> : Ensure that the SUT6, having received enough information, sends the ACM message with the CPS indicator set to "no indication", the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "ISDN".					
<b>Configuration</b> : CONFIG1					
<b>Default</b> : OtherwiseFail					
<b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R_BASE)			
11		L1!PDUs	Ms(CP_S1(1,CREF))		
12		+PTC1_SYNC_1			
13		+PO_RR_1(1)			
14		?TIMEOUT TWAIT		(I)	no response
15		+PTC1_SYNC_1			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		L2!P_PDUs START TWAIT	TrR (P_IAM_S12)		(1)
19		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R12 (PXP_CIC_S))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC303029					
<b>Group</b> : ISUP_DSS1/ACM/					
<b>Purpose</b> : Ensure that the SUT, having received enough information in the IAM and having send automatically the ACM, on receipt of the CALL PROCEEDING message, does not send any message.					
<b>Configuration</b> : CONFIG1					
<b>Default</b> : OtherwiseFail					
<b>Comments</b> : Q.699 [3] subclause 3.1.1.3, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)	Ms(CP_S1(1,CREF))	(P)	CHANGE /32/ TJS
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs			
10		+PTC1_SYNC_1			
11		+PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO			
14		+PTC2_SYNC			
15		START TNOAC			
16		?TIMEOUT TNOAC			
17		+PTC2_SYNC			
18		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304001 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a PROGRESS message, sends the CPG message with the event indicator set to "progress". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N07_1			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N07_2			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R1 (PXP_CIC_S,2))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
23		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304002 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message, sends the CPG message with the event indicator set to "progress". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R1 (PXP_CIC_S,2))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304003 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of an ALERTING message, sends the CPG message with the event indicator set to "Alerting". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N09_1_ACM			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(ALT_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_ACM			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R4 (PXP_CIC_S,'1'B,1))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
23		+PO_SR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304004 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message followed by an ALERTING message, sends two CPG message respectively with the event indicator set to "Progress" and "Alerting". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
10		L1!PDUs	Ms(ALT_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_ACM			
15		+PTC2_SYNC			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT, START TWAIT	TrI (P_CPG_R1 (PXP_CIC_S,2))		(1)
18		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R4 (PXP_CIC_S,'1'B,1))	(P)	(2)
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
23		+PO_SR_2			
24		?TIMEOUT TWAIT		(I)	
25		+PTC1_SYNC_1			
26		+PO_SR_2			
<b>Detailed Comments</b> : (1) Event Information set to "Progress" (2) Event Information set to "Alerting"					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC304005_01 <b>Group</b> : ISUP_DSS1/CPG/TC304005/ <b>Purpose</b> : Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a PROGRESS message containing the progress indicator set to PI_VALUE, sends the CPG message with the event indicator set to "Progress" and the ATP containing the progress indicator set to "Call is not end-to-end ISDN(#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N07_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N07_1		
8		+PTC1_SYNC_1		
9		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,1))	
10		+PTC1_SYNC_1		
11		+ PO_RR_1(1)		
		PTC2_IN		
12		ACTIVATE(OtherwiseFail_2)		
13		+PR_N07_2		
14		+PTC2_SYNC		
15		START TWAIT		
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R2 (PXP_CIC_S,'0000'B,1))	(P)
17		+PTC2_SYNC		
18		+PO_SR_2		
19		?TIMEOUT TWAIT		(I)
20		+PTC1_SYNC_1		
21		+PO_SR_2		
<b>Detailed Comments</b> : CHANGE /5/ TJS				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304005_02 <b>Group</b> : ISUP_DSS1/CPG/TC304005/ <b>Purpose</b> : Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a PROGRESS message containing the progress indicator set to PI_VALUE, sends the CPG message with the event indicator set to "Progress" and the ATP containing the progress indicator set to "Destination address is non-ISDN (#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,2))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R2 (PXP_CIC_S,'0000'B,2))	(P)	
17		+PTC2_SYNC			CHANGE /5/ TJS
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304006_01 <b>Group</b> : ISUP_DSS1/CPG/TC304006/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message containing the progress indicator set to PI_VALUE, sends the CPG message with the event indicator set to "Progress" and the ATP containing the progress indicator set to "Call is not end-to-end ISDN(#1) ". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,1))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CPG_R2 (PXP_CIC_S,'0000'B,1))	(P)	
17		+PTC2_SYNC			CHANGE /5/ TJS
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC304006_02 <b>Group</b> : ISUP_DSS1/CPG/TC304006/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message containing the progress indicator set to PI_VALUE, sends the CPG message with the event indicator set to "Progress" and the ATP containing the progress indicator set to "Destination address is non-ISDN (#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N09_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N09_1_ACM		
8		+PTC1_SYNC_1		
9		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,2))	
10		+PTC1_SYNC_1		
11		+ PO_RR_1(1)		
		PTC2_IN		
12		ACTIVATE(OtherwiseFail_2)		
13		+PR_N09_2_ACM		
14		+PTC2_SYNC		
15		START TWAIT		
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R2 (PXP_CIC_S,'0000'B,2))	(P)
17		+PTC2_SYNC		
				CHANGE /5/ TJS
18		+PO_SR_2		
19		?TIMEOUT TWAIT		(I)
20		+PTC1_SYNC_1		
21		+PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304007 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message with the ATP containing the progress indicator set to "Destination address is non-ISDN (#2)", on receipt of a PROGRESS message containing the progress indicator set to "Call has returned to the ISDN(#4)", sends the CPG message with the event indicator set to "Progress" and the ATP containing the progress indicator set to "Call has returned to the ISDN(#4)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N09_1_1_ACM ('0000'B,2)			
9		+PTC1_SYNC_1			
10		L1!PDU	Ms(PG_S1(1,CREF,'0000'B,4))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_1_ACM('0000'B,2)			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R3 (PXP_CIC_S,2,'0000'B,4))	(P)	
19		+PTC2_SYNC			CHANGE /5/ TJS
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
23		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304008 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N7, having sent the ACM message with the ATP containing the progress indicator set to "Destination address is non-ISDN (#2)", on receipt of a PROGRESS message containing the progress indicator set to "Call has returned to the ISDN(#4)", sends the CPG message with the event indicator set to "Progress" and the ATP containing the progress indicator set to "Call has returned to the ISDN(#4)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1_1('0000'B,2)			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,4))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_1('0000'B,2)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R3 (PXP_CIC_S,2,'0000'B,4))	(P)	
17		+PTC2_SYNC			CHANGE /5/ TJS
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304009 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of an ALERTING message containing the progress indicator set to "Call is not end-to-end ISDN (#1)", sends a CPG message with the event indicator set to "Alerting" and the ATP including the progress indicator set to "Call is not end-to-end ISDN (#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(ALT_S2(1,CREF,'0000'B,1))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R3(PXP_CIC_S,1,'0000'B,1))	(P)	(1) CHANGE /13/
17		+PTC2_SYNC			CHANGE /14/
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/
21		+PO_SR_2			
<b>Detailed Comments</b> : (1) Event Information set to "Alerting"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304010 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of an ALERTING message containing the progress indicator set to "Destination address is non-ISDN (#2)", sends a CPG message with the event indicator set to "Alerting" and the ATP including the progress indicator set to "Destination address is non ISDN (#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S2(1,CREF,'0000'B,2))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R3(PXP_CIC_S,1,'0000'B,2))	(P)	(1) CHANGE /13/
17		+PTC2_SYNC			CHANGE /14/
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/
21		+PO_SR_2			
<b>Detailed Comments</b> : (1) Event Information set to "Alerting"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304011 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message containing the progress indicator set to "Call is not end-to-end ISDN (#1)" followed by an ALERTING message, sends a first CPG message with the Event indicator set to "Progress", the ATP including a progress indicator set to "Call is not end-to-end ISDN (#1)" and a second CPG message with the Event indicator set to "Alerting". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,1))		
10		L1!PDUs	Ms(ALT_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_ACM			
15		+PTC2_SYNC			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT, START TWAIT	TrI (P_CPG_R3 (PXP_CIC_S,2,'0000'B,1))		(1)
18		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R1 (PXP_CIC_S,1))	(P)	(2)
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			CHANGE /14/
23		+PO_SR_2			
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			CHANGE /14/
26		+PO_SR_2			
<b>Detailed Comments</b> : (1) Event Information set to "Progress" (2) Event Information set to "Alerting"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304012 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message containing the progress indicator set to "Destination address is non-ISDN (#2)" followed by an ALERTING message, sends a first CPG message with the Event indicator set to "Progress", the ATP progress indicator set to "Destination address is non-ISDN (#2)" and a second CPG message with the Event indicator set to "Alerting". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,2))		
10		L1!PDUs	Ms(ALT_S1(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N09_2_ACM			
15		+PTC2_SYNC			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT, START TWAIT	TrI (P_CPG_R3 (PXP_CIC_S,2,'0000'B,2))		(1)
18		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R1 (PXP_CIC_S,1))	(P)	(2)
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			CHANGE /14/
23		+PO_SR_2			
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			CHANGE /14/
26		+PO_SR_2			
<b>Detailed Comments</b> : (1) Event Information set to "Progress" (2) Event Information set to "Alerting"					

## Test Case Dynamic Behaviour

**Test Case Name** : TC304013\_01  
**Group** : ISUP\_DSS1/CPG/TC304013/  
**Purpose** : Ensure that the SUT in call state N9 having sent the ACM message, on receipt of a PROGRESS message containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the event indicator set to "Progress", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "speech".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.4,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.5

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(PG_S2(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,2,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,2,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			CHANGE /14/ TJS
24		+PO_SR_2			

**Detailed Comments** : (1) Event Information set to "Progress"



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304013_02 <b>Group</b> : ISUP_DSS1/CPG/TC304013/ <b>Purpose</b> : Ensure that the SUT in call state N9 having sent the ACM message, on receipt of a PROGRESS message containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the event indicator set to "Progress", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(PG_S2(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,2,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,2,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			/14/
24		+PO_SR_2			
<b>Detailed Comments</b> : (1) Event Information set to "Progress"					

## Test Case Dynamic Behaviour

**Test Case Name** : TC304014\_01  
**Group** : ISUP\_DSS1/CPG/TC304014/  
**Purpose** : Ensure that the SUT in call state N7 having sent the ACM message, on receipt of a PROGRESS message containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the event indicator set to "Progress", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "speech".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.4,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.5

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(PG_S2(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_2(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,2,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,2,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			CHANGE /14/ TJS
24		+PO_SR_2			

**Detailed Comments** : (1) Event Information set to "Progress"

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304014_02 <b>Group</b> : ISUP_DSS1/CPG/TC304014/ <b>Purpose</b> : Ensure that the SUT in call state N7 having sent the ACM message, on receipt of a PROGRESS message containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the event indicator set to "Progress", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S2(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, '03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,2,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,2,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			/14/
24		+PO_SR_2			
<b>Detailed Comments</b> : (1) Event Information set to "Progress"					

## Test Case Dynamic Behaviour

**Test Case Name** : TC304015\_01  
**Group** : ISUP\_DSS1/CPG/TC304015/  
**Purpose** : Ensure that the SUT in call state N9 having sent the ACM message, on receipt of a ALERTING message containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the event indicator set to "Alerting", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "speech".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.4,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.5

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(ALT_S3(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,1,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,1,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			CHANGE /14/ TJS
24		+PO_SR_2			

**Detailed Comments** : (1) Event Information set to "Alerting"

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304015_02 <b>Group</b> : ISUP_DSS1/CPG/TC304015/ <b>Purpose</b> : Ensure that the SUT in call state N9 having sent the ACM message, on receipt of a ALERTING message containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the event indicator set to "Alerting", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(ALT_S3(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,1,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,1,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			
<b>Detailed Comments</b> : (1) Event Information set to "Alerting"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304016_01 <b>Group</b> : ISUP_DSS1/CPG/TC304016/ <b>Purpose</b> : Ensure that the SUT in call state N7 having sent the ACM message, on receipt of a PROGRESS message containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and "In-band information or appropriate pattern is now available (#8)", sends the CPG message with the event indicator set to "In-band information or appropriate pattern is now available", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S4(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5,'0000'B,8))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_2(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,3,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,3,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> : (1) Event Information set to "In-band information or appropriate pattern is now available"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304016_02 <b>Group</b> : ISUP_DSS1/CPG/TC304016/ <b>Purpose</b> : Ensure that the SUT in call state N7 having sent the ACM message, on receipt of a PROGRESS message containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and "In-band information or appropriate pattern is now available (#8)", sends the CPG message with the event indicator set to "In-band information or appropriate pattern is now available", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S4(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'0000'B,8))		
10		+PTC1_SYNC_1			
11		+ PO_SR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, '03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,3,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,3,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> : (1) Event Information set to "In-band information or appropriate pattern is now available"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304017 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC_VALUE sends the CPG message with event indicator set to "Progress", the ATP including the HLC set to HLC_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3 Table 76, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S5(1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_4_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R7(PXP_CIC_S,2,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R8(PXP_CIC_S,2,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304018 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a PROGRESS message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC_VALUE sends the CPG message with event indicator set to "Progress", the ATP including the HLC set to HLC_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.3 Table 76, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(PG_S5(1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_4			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R7(PXP_CIC_S,2,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R8(PXP_CIC_S,2,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC304019  
**Group** : ISUP\_DSS1/CPG/  
**Purpose** : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of an ALERTING message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC\_VALUE  
sends the CPG message with event indicator set to "Alert", the ATP including the HLC set to HLC\_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.3 Table 76,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(ALT_S4(1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_4_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R7(PXP_CIC_S,1,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R8(PXP_CIC_S,1,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304020 <b>Group</b> : ISUP_DSS1/CPG/ <b>Purpose</b> : Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of an ALERTING message, sends the CPG message with the event indicator set to "Alerting". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(ALT_S1(1,CREF))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R4 (PXP_CTC_S,'1'B,1))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC304021  
**Group** : ISUP\_DSS1/CPG/  
**Purpose** : Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of an ALERTING message followed by a PROGRESS message, sends two CPG message respectively with the event indicator set to "Alerting" and "Progress".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.4,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.5

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		L1!PDUs	Ms(ALT_S1(1,CREF))		KOE +PTC1_SYNC removed from line 8
9		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT,START TWAIT	TrI (P_CPG_R4 (PXP_CIC_S,'1'B,1))		
17		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R1 (PXP_CIC_S,2))	(P)	
18		+PTC2_SYNC			
19		+PO_SR_2			
20		?TIMEOUT TWAIT		(I)	
21		+PTC2_SYNC			CHANGE /14/ TJS
22		+PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			CHANGE /14/ TJS
25		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304023_01 <b>Group</b> : ISUP_DSS1/CPG/TC304023/ <b>Purpose</b> : Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of an ALERTING message containing the progress indicator set to "Call is not end-to-end ISDN (#1)", sends the CPG message with the event indicator set to "Alerting" and the ATP including the progress indicator set to "Call is not end-to-end ISDN (#1)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(ALT_S2(1,CREF,'0000'B,1))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R3(PXP_CIC_S,1,'0000'B,1))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304023_02 <b>Group</b> : ISUP_DSS1/CPG/TC304023/ <b>Purpose</b> : Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of an ALERTING message containing the progress indicator set to "Destination address is non-ISDN (#2)", sends the CPG message with the event indicator set to "Alerting" and the ATP including the progress indicator set to "Destination address is non-ISDN (#2)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(ALT_S2(1,CREF,'0000'B,2))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R3(PXP_CIC_S,1,'0000'B,2))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304024_01 <b>Group</b> : ISUP_DSS1/CPG/TC304024/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received an IAM with the USI field indicating "speech" and having sent automatically the ACM message, on receipt of an ALERTING message, sends a CPG message with the event indicator set to "Alerting" and OBCI in-band information set to "yes". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(ALT_S1(1,CREF))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		CPA2!CP_M	RDY		
14		CPA2?CP_M	S_MSG		
15		L2!P_PDUs START TAC	TrR(P_IAM_S14('03'O,'8090A3'O))		
16		L2?P_PDUr CANCEL TAC	TrI (P_ACM_R12(PXP_CIC_S))		
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R4(PXP_CIC_S,'1'B,1))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
25		?TIMEOUT TAC			
26		+PTC2_SYNC			
27		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304024_02 <b>Group</b> : ISUP_DSS1/CPG/TC304024/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received an IAM with the USI field indicating "speech" and having sent automatically the ACM message, on receipt of an ALERTING message, sends a CPG message with the event indicator set to "3.1 kHz audio" and OBCI in-band information set to "yes". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(ALT_S1(1,CREF))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		CPA2!CP_M	RDY		
14		CPA2?CP_M	S_MSG		
15		L2!P_PDUs START TAC	TrR(P_IAM_S14('03'O,'9090A3'O))		
16		L2?P_PDUr CANCEL TAC	TrI (P_ACM_R12(PXP_CIC_S))		
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDUr CANCEL TWAIT	TrI(P_CPG_R4(PXP_CIC_S,'1'B,1))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
25		?TIMEOUT TAC			
26		+PTC2_SYNC			
27		+ PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304025_01 <b>Group</b> : ISUP_DSS1/CPG/TC304025/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent automatically the ACM message, on receipt of a PROGRESS message containing the progress indicator set "Call is not end-to-end ISDN (#1)" followed by an ALERTING message, sends a first CPG message with the Event indicator set to "Progress" and a second CPG message with the Event indicator set to "Alerting". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CP_S1(1,CREF))		
10		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,1))		
11		L1!PDUs	Ms(ALT_S1(1,CREF))		
12		+PTC1_SYNC			
13		+ PO_RR_1(1)			
		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N06_2_ACM_AUTO			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUR CANCEL TWAIT,START TWAIT	TrI (P_CPG_R3 (PXP_CIC_S,2,'0000'B,1))		
19		L2?P_PDUR CANCEL TWAIT	TrI (P_CPG_R1 (PXP_CIC_S,1))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			CHANGE /14/
24		+PO_SR_2			
25		?TIMEOUT TWAIT		(I)	
26		+PTC2_SYNC			CHANGE /14/
27		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304025_02 <b>Group</b> : ISUP_DSS1/CPG/TC304025/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent automatically the ACM message, on receipt of a PROGRESS message containing the progress indicator set "Destination address is non-ISDN (#2)" followed by an ALERTING message, sends a first CPG message with the Event indicator set to "Progress" and a second CPG message with the Event indicator set to "Alerting". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CP_S1(1,CREF))		
10		L1!PDUs	Ms(PG_S1(1,CREF,'0000'B,2))		
11		L1!PDUs	Ms(ALT_S1(1,CREF))		
12		+PTC1_SYNC			
13		+ PO_RR_1(1)			
		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N06_2_ACM_AUTO			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUR CANCEL TWAIT,START TWAIT	TrI (P_CPG_R3 (PXP_CIC_S,2,'0000'B,2))		
19		L2?P_PDUR CANCEL TWAIT	TrI (P_CPG_R1 (PXP_CIC_S,1))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			CHANGE /14/
24		+PO_SR_2			
25		?TIMEOUT TWAIT		(I)	
26		+PTC2_SYNC			CHANGE /14/
27		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304026_01 <b>Group</b> : ISUP_DSS1/CPG/TC304026/ <b>Purpose</b> : Ensure that the SUT in call state N9 having sent automatically the ACM message, on receipt of a PROGRESS message containing the BC SET to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)", sends the CPG message with the event indicator set to "Progress", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CP_S1(1,CREF))		
10		L1!PDUs	Ms(PG_S2(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
11		+PTC1_SYNC			
12		+ PO_RR_1(1)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
15		+PTC2_SYNC			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,2,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
18		+PTC2_SYNC			
19		+PO_SR_2			
20		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,2,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
21		+PTC2_SYNC			
22		+PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+PO_SR_2			
<b>Detailed Comments</b> : (1) Event Information set to "Progress"					

CHANGE /14/

## Test Case Dynamic Behaviour

**Test Case Name** : TC304026\_02  
**Group** : ISUP\_DSS1/CPG/TC304026/  
**Purpose** : Ensure that the SUT in call state N9 having sent automatically the ACM message, on receipt of a PROGRESS message containing the BC SET to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)", sends the CPG message with the event indicator set to "Progress", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "3.1 kHz audio".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.4,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.5

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CP_S1(1,CREF))		
10		L1!PDUs	Ms(PG_S2(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
11		+PTC1_SYNC			
12		+ PO_RR_1(1)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
15		+PTC2_SYNC			
16		START TWAIT			
17		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,2,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
18		+PTC2_SYNC			
19		+PO_SR_2			
20		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,2,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
21		+PTC2_SYNC			
22		+PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC1_SYNC			
25		+PO_SR_2			

**Detailed Comments** : (1) Event Information set to "Progress"

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304027_01 <b>Group</b> : ISUP_DSS1/CPG/TC304027/ <b>Purpose</b> : Ensure that the SUT in call state N6 having sent automatically the ACM message, on receipt of an ALERTING message containing the BC SET to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)", sends the CPG message with the event indicator set to "alerting", the ATP containing the BC set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(ALT_S3(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,1,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,1,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	(1)
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> : (1) Event Information set to "Alerting"					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC304027_02 <b>Group</b> : ISUP_DSS1/CPG/TC304027/ <b>Purpose</b> : Ensure that the SUT in call state N6 having sent automatically the ACM message, on receipt of an ALERTING message containing the BC SET to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)", sends the CPG message with the event indicator set to "alerting", the ATP containing the BC set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.4, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.5					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDU's	Ms(ALT_S3(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R5 (PXP_CIC_S,1,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CPG_R6 (PXP_CIC_S,1,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	(1)
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC			
24		+PO_SR_2			
<b>Detailed Comments</b> : (1) Event Information set to "Alerting"					

## Test Case Dynamic Behaviour

**Test Case Name** : TC304028

**Group** : ISUP\_DSS1/CPG/

**Purpose** : Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of a PROGRESS message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC\_VALUE, sends the CPG message with event indicator set to "Progress", the ATP including the HLC set to HLC\_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 3.1.1.4,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.5

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CP_S1(1,CREF))		
10		L1!PDUs	Ms(PG_S5(1,CREF,'0000'B,5))		
11		+PTC1_SYNC			
12		+ PO_RR_1(1)			
		PTC2_IN			
13		ACTIVATE(OtherwiseFail_2)			
14		+PR_N06_2_ACM_AUTO_2			
15		+PTC2_SYNC			
16		START TWAIT			
17		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R7(PXP_CIC_S,2,'0000'B,5))	(P)	
18		+PTC2_SYNC			
19		+PO_SR_2			
20		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R8(PXP_CIC_S,2,'0000'B,5))	(P)	
21		+PTC2_SYNC			
22		+PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC1_SYNC			
25		+PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC304029  
**Group** : ISUP\_DSS1/CPG/  
**Purpose** : Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of an ALERTING message with a progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a HLC set to HLC\_VALUE, sends the CPG message with event indicator set to "Alert", the ATP including the HLC set to HLC\_VALUE and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.4,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.5

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(ALT_S4(1,CREF,'0000'B,5))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R7(PXP_CIC_S,1,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI(P_CPG_R8(PXP_CIC_S,1,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC			
24		+PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305001 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a CONNECT message sends the ANM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305002 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a CONNECT message sends the ANM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC305003 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a CONNECT message containing the progress indicator set to PI_VALUE sends the ANM message with the ATP including the progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Table 77, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE (PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N09_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE (PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE (OtherwiseFail_1(1))		
7		+PR_N09_1_ACM		
8		+PTC1_SYNC_1		
9		L1!PDUs	Ms (CN_S1(1,CREF))	
10		+PTC1_SYNC_1		
11		+ PO_RR_1(1)		
		PTC2_IN		
12		ACTIVATE (OtherwiseFail_2)		
13		+PR_N09_2_ACM		
14		+PTC2_SYNC		
15		START TWAIT		
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R1 (PXP_CIC_S))	(P)
17		+PTC2_SYNC		
18		+PO_SR_2		
19		?TIMEOUT TWAIT		(I)
20		+PTC1_SYNC_1		
21		+PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC305004 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a CONNECT message containing the progress indicator set to PI_VALUE sends the ANM message with the ATP including the progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Table 77, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N07_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N07_1		
8		+PTC1_SYNC_1		
9		L1!PDUs	Ms(CN_S1(1,CREF))	
10		+PTC1_SYNC_1		
11		+ PO_RR_1(1)		
		PTC2_IN		
12		ACTIVATE(OtherwiseFail_2)		
13		+PR_N07_2		
14		+PTC2_SYNC		
15		START TWAIT		
16		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R1 (PXP_CIC_S))	(P)
17		+PTC2_SYNC		
18		+PO_SR_2		
19		?TIMEOUT TWAIT		(I)
20		+PTC1_SYNC_1		
21		+PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305005 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a CONNECT message containing the LLC set to LLC_VALUE sends the ANM message with the ATP including the LLC set to LLC_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Table 77, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(CN_S2(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R2 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC305006  
**Group** : ISUP\_DSS1/ANM/  
**Purpose** : Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a CONNECT message containing the LLC set to LLC\_VALUE sends the ANM message with the ATP including the LLC set to LLC\_VALUE.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.5 Table 77,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.7

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N07_1			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(CN_S2(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N07_2			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R2 (PXP_CIC_S))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
23		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305007 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a CONNECT message containing the HLC set to HLC_VALUE1 sends the ANM message with the ATP including the HLC set to HLC_VALUE1. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 79 & 81, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(CN_S3(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_4			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R3 (PXP_CIC_S, PX_HLCL2, PX_HLCV2))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305008 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a CONNECT message containing the HLC set to HLC_VALUE1 sends the ANM message with the ATP including the HLC set to HLC_VALUE1. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 79 & 81, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N09_1_ACM			
9		+PTC1_SYNC_1			
10		L1!PDU	Ms(CN_S3(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_4_ACM			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R3 (PXP_CIC_S, PX_HLCL2, PX_HLCV2))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
23		+PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305009 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message with 2 HLC information elements set to HLC_VALUE1 and HLC_VALUE2 and having sent the ACM message, on receipt of a CONNECT message without HLC information element, sends the ANM message with the ATP including the HLC set to HLC_VALUE1. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 79, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_4_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R3 (PXP_CIC_S, PX_HLCL1, PX_HLCV1))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC305010  
**Group** : ISUP\_DSS1/ANM/  
**Purpose** : Ensure that the SUT in call state N7, having received the IAM message with 2 HLC information elements set to HLC\_VALUE1 and HLC\_VALUE2 and having sent the ACM message, on receipt of a CONNECT message without HLC information element, sends the ANM message with the ATP including the HLC set to HLC\_VALUE1.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.5 Tables 79,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.7

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_4			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R3 (PXP_CIC_S, PX_HLCL1, PX_HLCV1))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305011_01 <b>Group</b> : ISUP_DSS1/ANM/TC305011/ <b>Purpose</b> : Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with BC information element set to "speech", sends the ANM message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S4(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_2(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R4 (PXP_CIC_S, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305011_02 <b>Group</b> : ISUP_DSS1/ANM/TC305011/ <b>Purpose</b> : Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio", sends the ANM message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S4(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, '03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R4 (PXP_CIC_S, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, '03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305012_01 <b>Group</b> : ISUP_DSS1/ANM/TC305012/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with BC information element set to "speech", sends the ANM message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S4(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R4 (PXP_CIC_S, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305012_02 <b>Group</b> : ISUP_DSS1/ANM/TC305012/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio", sends the ANM message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S4(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R4 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305013 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with BC information element set to "unrestricted digital information with tones and announcements", sends the ANM message with the ATP including the BC set to "unrestricted digital information with tones and announcements", and without TMU. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S5(1,CREF,PX_BCAPL_UDIT A_ANYR,PX_BCAPV_UDITA_ANYR))		CHANGE /23/ TJS
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PXP_USI_LENGTH,PXP USI_VALUE,PX_BCAPL_UDITA_ANYR,PX_ BCAPV_UDITA_ANYR,PXP_TMRP)			CHANGE /21/ TJS
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R5 (PXP_CIC_S,PX_BCAPL_UDITA_ANY R,PX_BCAPV_UDITA_ANYR))	(P)	CHANGE /24/ TJS
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/ TJS
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305014 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with BC information element set to "unrestricted digital information with tones and announcements", sends the ANM message with the ATP including the BC set to "unrestricted digital information with tones and announcements", and without TMU. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N07_1			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(CN_S5(1,CREF,PX_BCAPL_UDIT		CHANGE /23/ TJS
11		+PTC1_SYNC_1	A_ANYR,PX_BCAPV_UDITA_ANYR))		
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N07_2_2(PXP_USI_LENGTH,PXP_USI			CHANGE /21/ TJS
16		VALUE,PX_BCAPL_UDITA_ANYR,PX_BCAP			
17		V_UDITA_ANYR,PXP_TMRP)			
18		+PTC2_SYNC			
19		START TWAIT			
20		L2?P_PDUr CANCEL TWAIT	TrI(P_ANM_R5(PXP_CIC_S,PX_BCA	(P)	CHANGE /24/ TJS
21			PL_UDITA_ANYR,PX_BCAPV_UDITA_		
			ANYR))		
		+PTC2_SYNC			
		+PO_SR_2			
		?TIMEOUT TWAIT		(I)	
		+PTC2_SYNC			CHANGE /14/ TJS
		+PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305015_01 <b>Group</b> : ISUP_DSS1/ANM/TC305015/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message without BC information element, sends the ANM message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PX_BCAPL_SPEECH,PX _BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R5 (PXP_CIC_S,PX_BCAPL_SPEECH,PX _BCAPV_SPEECH))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305015_02 <b>Group</b> : ISUP_DSS1/ANM/TC305015/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message without BC information element, sends the ANM message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, '03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R5 (PXP_CIC_S, PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305016_01 <b>Group</b> : ISUP_DSS1/ANM/TC305016/ <b>Purpose</b> : Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message without BC information element, sends the ANM message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_2(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R5 (PXP_CIC_S,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305016_02 <b>Group</b> : ISUP_DSS1/ANM/TC305016/ <b>Purpose</b> : Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message without BC information element, sends the ANM message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDI TA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R5 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AU DIO,PX_BCAPV_3_1KHZ_AUDIO))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305017 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a CONNECT message containing the HLC set to HLC_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the ATP including the HLC set to HLC_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S6(1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_4			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R6 (PXP_CIC_S,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R7 (PXP_CIC_S,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			CHANGE /14/ TJS
24		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305018 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a CONNECT message containing the HLC set to HLC_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the ATP including the HLC set to HLC_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S6(1,CREF,'0000'B,5))		CHANGE /20/ TJS
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_4_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R6 (PXP_CIC_S,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R7 (PXP_CIC_S,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			CHANGE /14/ TJS
24		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305019 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message with 2 HLC information elements set to HLC_VALUE1 and HLC_VALUE2 and having sent the ACM message, on receipt of a CONNECT message without HLC information element, sends the ANM message without the ATP including the HLC. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_4_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R8 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/ TJS
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC305020 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N7, having received the IAM message with 2 HLC information elements set to HLC_VALUE1 and HLC_VALUE2 and having sent the ACM message, on receipt of a CONNECT message without HLC information element, sends the ANM message without the ATP including the HLC. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N07_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N07_1		
8		+PTC1_SYNC_1		
9		L1!PDUs	Ms(CN_S(1,CREF))	
10		+PTC1_SYNC_1		
11		+ PO_RR_1(1)		
		PTC2_IN		
12		ACTIVATE(OtherwiseFail_2)		
13		+PR_N07_2_4		
14		+PTC2_SYNC		
15		START TWAIT		
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R8 (PXP_CIC_S))	(P)
17		+PTC2_SYNC		
18		+PO_SR_2		
19		?TIMEOUT TWAIT		(I)
20		+PTC2_SYNC		
21		+PO_SR_2		
<b>Detailed Comments</b> : CHANGE /14/ TJS				



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305021_01 <b>Group</b> : ISUP_DSS1/ANM/TC305021/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with BC information element set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the ATP including the BC set to "speech" and the TMU set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(CN_S7(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R9 (PXP_CIC_S,'0000'B,5,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R10 (PXP_CIC_S,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5,'00'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			CHANGE /14/ TJS
24		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC305021\_02  
**Group** : ISUP\_DSS1/ANM/TC305021/  
**Purpose** : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.7

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S7(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_ACM(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R9 (PXP_CIC_S,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R10 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305022_01 <b>Group</b> : ISUP_DSS1/ANM/TC305022/ <b>Purpose</b> : Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with BC information element set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the ATP including the BC set to "speech" and the TMU set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(CN_S7(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_2(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R9 (PXP_CIC_S,'0000'B,5,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R10 (PXP_CIC_S,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5,'00'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			CHANGE /14/ TJS
24		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305022_02 <b>Group</b> : ISUP_DSS1/ANM/TC305022/ <b>Purpose</b> : Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S7(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N07_2_2(PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR, '03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R9 (PXP_CIC_S,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R10 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			CHANGE /14/ TJS
24		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305023 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of a CONNECT message, sends the ANM message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/ TJS
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305024 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N6, having automatically sent the ACM message, on receipt of a CONNECT message containing the progress indicator set to PI_VALUE, sends the ANM message with the ATP including the progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Table 77, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CN_S1(1,CREF))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R1 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/ TJS
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305025 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N6, having sent the ACM message, on receipt of a CONNECT message containing the LLC set to LLC_VALUE, sends the ANM message with the ATP including the LLC set to LLC_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Table 77, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N06_1_ACM_AUTO			
9		+PTC1_SYNC			
10		L1!PDU	Ms(CN_S2(1,CREF))		
11		+PTC1_SYNC			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N06_2_ACM_AUTO			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R2 (PXP_CIC_S))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			
23		+PO_SR_2			
<b>Detailed Comments</b> : CHANGE /14/ TJS					

## Test Case Dynamic Behaviour

**Test Case Name** : TC305026  
**Group** : ISUP\_DSS1/ANM/  
**Purpose** : Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of a CONNECT message containing the HLC set to HLC\_VALUE1, sends the ANM message with the ATP including the HLC set to HLC\_VALUE1.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.7

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N06_1_ACM_AUTO			
9		+PTC1_SYNC			
10		L1!PDU	Ms(CN_S3(1,CREF))		
11		+PTC1_SYNC			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N06_2_ACM_AUTO_2			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R3 (PXP_CIC_S,PX_HLC12,PX_HLCV2) )	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			
23		+PO_SR_2			

CHANGE /14/  
TJS

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305027 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message with 2 HLC information elements set to HLC_VALUE1 and HLC_VALUE2 and having sent automatically the ACM message, on receipt of a CONNECT message without HLC information element, sends the ANM message with the ATP including the HLC set to HLC_VALUE1. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R3 (PXP_CIC_S, PX_HLCL1, PX_HLCV1))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/ TJS
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305028_01 <b>Group</b> : ISUP_DSS1/ANM/TC305028/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback allowed and having sent automatically the ACM message, on receipt of a CONNECT message with BC information element set to "speech", sends the ANM message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N06_1_ACM_AUTO			
9		+PTC1_SYNC			
10		L1!PDUs	Ms(CN_S5(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH))		
11		+PTC1_SYNC			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R4 (PXP_CIC_S, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			
23		+PO_SR_2			
24					CHANGE /14/ TJS
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305028_02 <b>Group</b> : ISUP_DSS1/ANM/TC305028/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback allowed and having sent automatically the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio", sends the ANM message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CN_S5(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R4 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305029 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback allowed and having sent automatically the ACM message, on receipt of a CONNECT message with BC information element set to "unrestricted digital information with tones and announcements", sends the ANM message with the ATP including the BC set to "unrestricted digital information with tones and announcements", and without TMU. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N06_1_ACM_AUTO			
9		+PTC1_SYNC			
10		L1!PDUs	Ms(CN_S5(1,CREF,PX_BCAPL_UDIT		
11		+PTC1_SYNC	A_ANYR,PX_BCAPV_UDITA_ANYR))		
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_SPEE			
16		CH,PX_BCAPV_SPEECH,			
17		PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA			
18		_ANYR,'00'O)			
19		+PTC2_SYNC			
20		START TWAIT			
21		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R5 (PXP_CIC_S,	(P)	
22			PX_BCAPL_UDITA_ANYR,PX_BCAPV_		
23			UDITA_ANYR))		
24		+PTC2_SYNC			
25		+PO_SR_2			
26		?TIMEOUT TWAIT		(I)	
27		+PTC1_SYNC			
28		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305030_01 <b>Group</b> : ISUP_DSS1/ANM/TC305030/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having sent automatically the ACM message, on receipt of a CONNECT message without BC information element, sends the ANM message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R4 (PXP_CIC_S, PX_BCAPL_SPEECH, PX_BCAPV_SPEECH, '00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305030_02 <b>Group</b> : ISUP_DSS1/ANM/TC305030/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having sent automatically the ACM message, on receipt of a CONNECT message without BC information element, sends the ANM message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R4 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC305031 <b>Group</b> : ISUP_DSS1/ANM/ <b>Purpose</b> : Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of a CONNECT message containing the HLC set to HLC_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)", sends the ANM message with the ATP including the HLC set to HLC_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CN_S6(1,CREF,'0000'B,5))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R6 (PXP_CIC_S,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI (P_ANM_R7 (PXP_CIC_S,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC			
24		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC305032  
**Group** : ISUP\_DSS1/ANM/  
**Purpose** : Ensure that the SUT in call state N6, having received the IAM message with 2 HLC information elements set to HLC\_VALUE1 and HLC\_VALUE2 and having sent automatically the ACM message, on receipt of a CONNECT message without HLC information element, sends the ANM message without the ATP including the HLC.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.7

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R8 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC			
21		+PO_SR_2			

**Detailed Comments** :



## Test Case Dynamic Behaviour

**Test Case Name** : TC305033\_01

**Group** : ISUP\_DSS1/ANM/TC305033/

**Purpose** : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having sent automatically the ACM message, on receipt of a CONNECT message with BC information element set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)", sends the ANM message with the ATP including the BC set to "speech" and the TMU set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.7

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CN_S7(1,CREF,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R9 (PXP_CIC_S,'0000'B,5,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R10 (PXP_CIC_S,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'0000'B,5,'00'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC			
24		+PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC305033\_02  
**Group** : ISUP\_DSS1/ANM/TC305033/  
**Purpose** : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having sent automatically the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)", sends the ANM message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.5 Tables 78 & 80,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.7

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N06_1_ACM_AUTO			
9		+PTC1_SYNC			
10		L1!PDUs	Ms(CN_S7(1,CREF,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5))		
11		+PTC1_SYNC			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N06_2_ACM_AUTO_1(PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
16		+PTC2_SYNC			
17		START TWAIT			
18		?TIMEOUT TWAIT		(I)	
19		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R9 (PXP_CIC_S,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		L2?P_PDUr CANCEL TWAIT	TrI (P_ANM_R10 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
23		+PTC2_SYNC			
24		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306001 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N25, having not sent the ACM message, on receipt of a CONNECT message sends the CON message with the BCI encoded as followed: Interworking indicator: no interworking encountered ISUP indicator: ISUP used all the way ISDN access indicator: ISDN CPS indicator: subscriber free <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R1 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC306002  
**Group** : ISUP\_DSS1/CON/  
**Purpose** : Ensure that the SUT in call state N9, having not sent the ACM message, on receipt of a CONNECT message  
sends the CON message with the BCI encoded as followed:  
Interworking indicator: no interworking encountered  
ISUP indicator: ISUP used all the way  
ISDN access indicator: ISDN  
CPS indicator: subscriber free  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.6,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_NO_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R1 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/

**Detailed Comments** :

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC306003 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N6, having not sent the ACM message, on receipt of a CONNECT message sends the CON message with the BCI encoded as followed: Interworking indicator: no interworking encountered ISUP indicator: ISUP used all the way ISDN access indicator: ISDN CPS indicator: subscriber free <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N06_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N06_1		
8		+PTC1_SYNC_1		
9		L1!PDUs	Ms(CN_S(1,CREF))	
10		+PTC1_SYNC_1		
11		+ PO_RR_1(1)		
		PTC2_IN		
12		ACTIVATE(OtherwiseFail_2)		
13		+PR_N06_2		
14		+PTC2_SYNC		
15		START TWAIT		
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R1 (PXP_CIC_S))	(P)
17		+PTC2_SYNC		
18		+PO_SR_2		
19		?TIMEOUT TWAIT		(I)
20		+PTC2_SYNC		
21		+PO_SR_2		
CHANGE /14/				
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC306004 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N25, having not sent the ACM message, on receipt of a CONNECT message including the progress indicator set to PI_VALUE, sends the CON message with the ATP including the progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N25_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N25_1		
8		+PTC1_SYNC_1		
9		L1!PDUs	Ms(CN_S1(1,CREF))	
10		+PTC1_SYNC_1		
11		+ PO_RR_1(1)		
		PTC2_IN		
12		ACTIVATE(OtherwiseFail_2)		
13		+PR_N25_2		
14		+PTC2_SYNC		
15		START TWAIT		
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R2 (PXP_CIC_S,PX_PI_LOC,PX_PI_PD ) )	(P)
17		+PTC2_SYNC		
18		+PO_SR_2		
19		?TIMEOUT TWAIT		(I)
20		+PTC2_SYNC		
21		+PO_SR_2		
CHANGE /14/				
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306005 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N9, having not sent the ACM message, on receipt of a CONNECT message including the progress indicator set to PI_VALUE, sends the CON message with the ATP including the progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_NO_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R2 (PXP_CIC_S,PX_PI_LOC,PX_PI_PD )	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306006 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N6, having not sent the ACM message, on receipt of a CONNECT message including the progress indicator set to PI_VALUE, sends the CON message with the ATP including the progress indicator set to PI_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S1(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R2 (PXP_CIC_S,PX_PI_LOC,PX_PI_PD ) )	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/
21		+PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306007 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N25, having not sent the ACM message, on receipt of a CONNECT message including the LLC set to LLC_VALUE, sends the CON message with the ATP including the LLC set to LLC_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S2(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R3 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306008 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N9, having not sent the ACM message, on receipt of a CONNECT message including the LLC set to LLC_VALUE, sends the CON message with the ATP including the LLC set to LLC_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N09_1_NO_ACM			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(CN_S2(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_NO_ACM			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R3 (PXP_CIC_S))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			
23		+PO_SR_2			
<b>Detailed Comments</b> :					

CHANGE /14/

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306009 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N6, having not sent the ACM message, on receipt of a CONNECT message including the LLC set to LLC_VALUE, sends the CON message with the ATP including the LLC set to LLC_VALUE. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S2(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R3 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306010 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N25, having not sent the ACM message, on receipt of a CONNECT message containing the HLC set to HLC_VALUE1, sends the CON message with the ATP including the HLC set to HLC_VALUE1. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 84 & 86, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N25_1			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(CN_S8(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N25_2_3			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R4 (PXP_CIC_S))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			
23		+PO_SR_2			
<b>Detailed Comments</b> :					

CHANGE /14/

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306011 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N6, having not sent the ACM message, on receipt of a CONNECT message containing the HLC set to HLC_VALUE1, sends the CON message with the ATP including the HLC set to HLC_VALUE1. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 84 & 86, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S8(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_3			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R4 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306012 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N9, having not sent the ACM message, on receipt of a CONNECT message containing the HLC set to HLC_VALUE1, sends the CON message with the ATP including the HLC set to HLC_VALUE1. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 84 & 86, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.7					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N09_1_NO_ACM			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(CN_S8(1,CREF))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N09_2_2_NO_ACM			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R4 (PXP_CIC_S))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
23		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306013 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N25, having received the IAM message with 2 HLC information elements set to HLC_VALUE1 and HLC_VALUE2 and having not sent the ACM message, on receipt of a CONNECT message without HLC information element, sends the CON message with the ATP including the HLC set to HLC_VALUE1. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 84, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_3			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R4 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306014 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message with 2 HLC information elements set to HLC_VALUE1 and HLC_VALUE2 and having not sent the ACM message, on receipt of a CONNECT message without HLC information element, sends the CON message with the ATP including the HLC set to HLC_VALUE1. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 84, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_NO_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R4 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306015 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message with 2 HLC information elements set to HLC_VALUE1 and HLC_VALUE2 and having not sent the ACM message, on receipt of a CONNECT message without HLC information element, sends the CON message with the ATP including the HLC set to HLC_VALUE1. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 84, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S(1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_3			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R4 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306016_01 <b>Group</b> : ISUP_DSS1/CON/TC306016/ <b>Purpose</b> : Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "speech", sends the CON message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 84, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S5 (1,CREF,PX_BCAPL_SPEECH,PX_BC APV_SPEECH))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_2('02'O,PX_BCAPL_SPEECH, PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANY R,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_SPEECH,PX _BCAPV_SPEECH,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306016_02 <b>Group</b> : ISUP_DSS1/CON/TC306016/ <b>Purpose</b> : Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio", sends the CON message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 84, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S5 (1,CREF,PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_2('02'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306017_01 <b>Group</b> : ISUP_DSS1/CON/TC306017/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "speech", sends the CON message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 84, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S5 (1,CREF,PX_BCAPL_SPEECH,PX_BC APV_SPEECH))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('02'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UD ITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O )			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_SPEECH,PX _BCAPV_SPEECH,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			/14/
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306017_02 <b>Group</b> : ISUP_DSS1/CON/TC306017/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio", sends the CON message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 84, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S5 (1,CREF,PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('02'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306018_01 <b>Group</b> : ISUP_DSS1/CON/TC306018/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "speech", sends the CON message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 84, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S5 (1,CREF,PX_BCAPL_SPEECH,PX_BC APV_SPEECH))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_2('02'O,PX_BCAPL_SPEECH, PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANY R,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_SPEECH,PX _BCAPV_SPEECH,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306018_02 <b>Group</b> : ISUP_DSS1/CON/TC306018/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio", sends the CON message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 84, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S5 (1,CREF,PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_2('02'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306019 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "unrestricted digital information with tones and announcements", sends the CON message with the ATP including the BC set to "unrestricted digital information with tones and announcements", and without TMU. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 83 & 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N25_1			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(CN_S5 (1,CREF,PX_BCAPL_UDITA_ANYR,P X_BCAPV_UDITA_ANYR))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N25_2_2('06'O,PXP_USI_LENGTH,P XP_USI_VALUE,PX_BCAPL_UDITA_ANYR,P X_BCAPV_UDITA_ANYR,PXP_TMRP)			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R6 (PXP_CIC_S,PX_BCAPL_UDITA_ANY R,PX_BCAPV_UDITA_ANYR))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		?TIMEOUT TWAIT		(I)	
22		+PTC2_SYNC			
23		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306020 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "unrestricted digital information with tones and announcements", sends the CON message with the ATP including the BC set to "unrestricted digital information with tones and announcements", and without TMU. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 83 & 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S5 (1,CREF,PX_BCAPL_UDITA_ANYR,P X_BCAPV_UDITA_ANYR))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_2('06'O,PXP_USI_LENGTH,P XP_USI_VALUE,PX_BCAPL_UDITA_ANYR,P X_BCAPV_UDITA_ANYR,PXP_TMRP)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R6 (PXP_CIC_S,PX_BCAPL_UDITA_ANY R,PX_BCAPV_UDITA_ANYR))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC306021  
**Group** : ISUP\_DSS1/CON/  
**Purpose** : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "unrestricted digital information with tones and announcements", sends the CON message with the ATP including the BC set to "unrestricted digital information with tones and announcements", and without TMU.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.6 Tables 83 & 85,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S5 (1,CREF,PX_BCAPL_UDITA_ANYR,P X_BCAPV_UDITA_ANYR))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('06'O,PXP_USI_L ENGTH,PXP_USI_VALUE,PX_BCAPL_UDITA _ANYR,PX_BCAPV_UDITA_ANYR,PXP_TMRP )			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R6 (PXP_CIC_S,PX_BCAPL_UDITA_ANY R,PX_BCAPV_UDITA_ANYR))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306022_01 <b>Group</b> : ISUP_DSS1/CON/TC306022/ <b>Purpose</b> : Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and not having sent the ACM message, on receipt of a CONNECT message without BC information element, sends the CON message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 83 & 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S (1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_2('06'O,PX_BCAPL_SPEECH, PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANY R,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_SPEECH,PX _BCAPV_SPEECH,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306022_02 <b>Group</b> : ISUP_DSS1/CON/TC306022/ <b>Purpose</b> : Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and not having sent the ACM message, on receipt of a CONNECT message without BC information element, sends the CON message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 83 & 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S (1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_2('06'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCA_PL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306023_01 <b>Group</b> : ISUP_DSS1/CON/TC306023/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and not having sent the ACM message, on receipt of a CONNECT message without BC information element, sends the CON message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 83 & 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S (1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('06'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			
21		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306023_02 <b>Group</b> : ISUP_DSS1/CON/TC306023/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and not having sent the ACM message, on receipt of a CONNECT message without BC information element, sends the CON message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 83 & 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S (1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('06'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306024_01 <b>Group</b> : ISUP_DSS1/CON/TC306024/ <b>Purpose</b> : Ensure that the SUT in call state N06, having received the IAM message indicating BC fallback and not having sent the ACM message, on receipt of a CONNECT message without BC information element, sends the CON message with the ATP including the BC set to "speech" and the TMU set to "speech". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 83 & 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S (1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_2('06'O,PX_BCAPL_SPEECH, PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANY R,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_SPEECH,PX _BCAPV_SPEECH,'00'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC2_SYNC			CHANGE /14/
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306024_02 <b>Group</b> : ISUP_DSS1/CON/TC306024/ <b>Purpose</b> : Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and not having sent the ACM message, on receipt of a CONNECT message without BC information element, sends the CON message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 83 & 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S (1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_2('06'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R5 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306025 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N25, having not sent the ACM message, on receipt of a CONNECT message containing the HLC set to HLC_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the ATP including the HLC set to HLC_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 86, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S6 (1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_3			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R7 (PXP_CIC_S,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R8 (PXP_CIC_S,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC306026

**Group** : ISUP\_DSS1/CON/

**Purpose** : Ensure that the SUT in call state N9, having not sent the ACM message, on receipt of a CONNECT message containing the HLC set to HLC\_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the ATP including the HLC set to HLC\_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 3.1.1.6 Tables 86,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S6 (1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_NO_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R7 (PXP_CIC_S,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R8 (PXP_CIC_S,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306027 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N6, having not sent the ACM message, on receipt of a CONNECT message containing the HLC set to HLC_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the ATP including the HLC set to HLC_VALUE1 and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 86, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S6 (1,CREF,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_3			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R7 (PXP_CIC_S,'0000'B,5))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUR CANCEL TWAIT	TrI (P_CON_R8 (PXP_CIC_S,'0000'B,5))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306028 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N25, having received the IAM message with 2 HLC information elements set to HLC_VALUE1 and HLC_VALUE2 and not having sent the ACM message, on receipt of a CONNECT message without HLC information element, sends the CON message without the ATP including the HLC. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 86, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S (1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_3			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R9 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306029 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message with 2 HLC information elements set to HLC_VALUE1 and HLC_VALUE2 and not having sent the ACM message, on receipt of a CONNECT message without HLC information element, sends the CON message without the ATP including the HLC. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 86, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S (1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_2_NO_ACM			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R9 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306030 <b>Group</b> : ISUP_DSS1/CON/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message with 2 HLC information elements set to HLC_VALUE1 and HLC_VALUE2 and not having sent the ACM message, on receipt of a CONNECT message without HLC information element, sends the CON message without the ATP including the HLC. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Tables 86, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S (1,CREF))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_3			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R9 (PXP_CIC_S))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306031_01 <b>Group</b> : ISUP_DSS1/CON/TC306031/ <b>Purpose</b> : Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the ATP including the BC set to "speech" and the TMU set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(CN_S7 (1,CREF,PX_BCAPL_SPEECH,PX_BC APV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N25_2_2('06'O,PX_BCAPL_SPEECH, PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANY R,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R10 (PXP_CIC_S,PX_BCAPL_SPEECH,PX BCAPV_SPEECH,'0000'B,5,'00'O )	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R11 (PXP_CIC_S,'0000'B,5,PX_BCAPL _SPEECH,PX_BCAPV_SPEECH,'00'O )	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306031_02 <b>Group</b> : ISUP_DSS1/CON/TC306031/ <b>Purpose</b> : Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N25_1			
9		+PTC1_SYNC_1			
10		L1!PDUs	Ms(CN_S7 (1,CREF,PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO,'0000' B,5))		
11		+PTC1_SYNC_1			
12		+ PO_RR_1(1)			
13		PTC2_IN			
14		ACTIVATE(OtherwiseFail_2)			
15		+PR_N25_2_2('06'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
16		+PTC2_SYNC			
17		START TWAIT			
18		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R10 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
19		+PTC2_SYNC			
20		+PO_SR_2			
21		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R11 (PXP_CIC_S,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
22		+PTC2_SYNC			
23		+PO_SR_2			
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+PO_SR_2			
/14/					
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306032_01 <b>Group</b> : ISUP_DSS1/CON/TC306032/ <b>Purpose</b> : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the ATP including the BC set to "speech" and the TMU set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(CN_S7 (1,CREF,PX_BCAPL_SPEECH,PX_BC APV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('06'O,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R10 (PXP_CIC_S,PX_BCAPL_SPEECH,PX _BCAPV_SPEECH,'0000'B,5,'00'O )	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R11 (PXP_CIC_S,'0000'B,5,PX_BCAPL_SPEECH,PX_BCAPV_SPEECH,'00'O )	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC306032\_02  
**Group** : ISUP\_DSS1/CON/TC306032/  
**Purpose** : Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.6 Table 85,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_NO_ACM			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S7 (1,CREF,PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO,'0000' B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N09_2_1_NO_ACM('06'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO, PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R10 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R11 (PXP_CIC_S,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			/14/
24		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC306033_01 <b>Group</b> : ISUP_DSS1/CON/TC306033/ <b>Purpose</b> : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the ATP including the BC set to "speech" and the TMU set to "speech" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.6 Table 85, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.1.4					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDU	Ms(CN_S7 (1,CREF,PX_BCAPL_SPEECH,PX_BC APV_SPEECH,'0000'B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_2('06'O,PX_BCAPL_SPEECH, PX_BCAPV_SPEECH,PX_BCAPL_UDITA_ANY R,PX_BCAPV_UDITA_ANYR,'00'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R10 (PXP_CIC_S,PX_BCAPL_SPEECH,PX BCAPV_SPEECH,'0000'B,5,'00'O )	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R11 (PXP_CIC_S,'0000'B,5,PX_BCAPL _SPEECH,PX_BCAPV_SPEECH,'00'O )	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			CHANGE /14/
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC306033\_02  
**Group** : ISUP\_DSS1/CON/TC306033/  
**Purpose** : Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with BC information element set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the ATP including the BC set to "3.1 kHz audio" and the TMU set to "3.1 kHz audio" and the progress indicator set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.6 Table 85,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.1.4

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		L1!PDUs	Ms(CN_S7 (1,CREF,PX_BCAPL_3_1KHZ_AUDIO, PX_BCAPV_3_1KHZ_AUDIO,'0000' B,5))		
10		+PTC1_SYNC_1			
11		+ PO_RR_1(1)			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PR_N06_2_2('06'O,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,PX_BCAPL_UDITA_ANYR,PX_BCAPV_UDITA_ANYR,'03'O)			
14		+PTC2_SYNC			
15		START TWAIT			
16		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R10 (PXP_CIC_S,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'0000'B,5,'03'O))	(P)	
17		+PTC2_SYNC			
18		+PO_SR_2			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R11 (PXP_CIC_S,'0000'B,5,PX_BCAPL_3_1KHZ_AUDIO,PX_BCAPV_3_1KHZ_AUDIO,'03'O))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			/14/

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307101 <b>Group</b> : ISUP_DSS1/REL_R/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message and on receipt REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.2					
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		+MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
12		+PTC1_SYNC_1			
13		START TWAIT			
14		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
15		+PTC1_SYNC_1			
16		+PO_SR_1(1)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR (P_IAM_S)		
25		+PTC2_SYNC			
26		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP)) TrI(P_RLC_R(CIC_VAL))		
27		L2? P_PDUsr CANCEL TAC			
28		+PTC2_SYNC			
29		?TIMEOUT TAC			
30		+PTC2_SYNC			
31		+ PO_RR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC307102  
**Group** : ISUP\_DSS1/REL\_R/T\_Reference\_Point/  
**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message, and on receipt REL message with the Cause value CV\_ISUP, location LOC\_ISUP sends a DISCONNECT message with the Cause value CV\_ISDN, location LOC\_ISDN.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.7,  
ETS 300 403-1 [1] subclause 5.2.5,  
Q.764 [4] subclause 2.2

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		+MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
12		L1!PDUs	Ms(SUA_S1(1,CREF))		
13		+PTC1_SYNC_1			
14		START TWAIT			
15		L1!PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
16		+PTC1_SYNC_1			
17		+PO_SR_1(1)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
20		+PO_SR_1(1)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2)			
24		+PTC2_SYNC			
25		L2!P_PDUs	TrR (P_IAM_S)		
26		+PTC2_SYNC			
27		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
28		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
29		+PTC2_SYNC			
30		?TIMEOUT TAC			
31		+PTC2_SYNC			
32		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307103 <b>Group</b> : ISUP_DSS1/REL_R/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, and on receipt of a SAM message followed by a REL message with the Cause value CV_ISUP, location LOC_ISUP sends an INFORMATION message followed by a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
12		L1!PDUs START TWAIT	Ms(SUA_S1(1,CREF))		
13		L1?PDUr CANCEL TWAIT, START TWAIT	Mr(IN_R(0,CREF))		
14		+PTC1_SYNC_1			
15		START TWAIT			
16		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+ PO_SR_1(1)			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+ PO_SR_1(1)			
25		?TIMEOUT TWAIT		(I)	
26		+PTC1_SYNC_1			
		PTC2_IN			
27		ACTIVATE(OtherwiseFail_2)			
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR (P_IAM_S1)		
30		L2!P_PDUs	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL2_S, PXP_SNbV_OVERL2_S))		
31		+PTC2_SYNC			
32		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
33		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
34		+PTC2_SYNC			
35		?TIMEOUT TAC			
36		+PTC2_SYNC			
37		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307104 <b>Group</b> : ISUP_DSS1/REL_R/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP, sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
11		L1!PDUs START TWAIT	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
13		+PTC1_SYNC_1			
14		+PO_SR_1(1)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_1			
17		+PO_SR_1(1)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR (P_IAM_S)		
23		L2?P_PDUr CANCEL TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
24		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CAU_VAL_ISUP))		
25		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
26		+PTC2_SYNC			
27		?TIMEOUT TAC			
28		+PTC2_SYNC			
29		+ PO_RR_2			
30		?TIMEOUT TAC		(I)	
31		+PTC2_SYNC			
32		+PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307105 <b>Group</b> : ISUP_DSS1/REL_R/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a progress indicator where the progress description value is set to PI_VALUE, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG message where the Event indicator is set to Progress and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP, sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TWAIT	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
14		+PTC1_SYNC_1			
15		+PO_SR_1(1)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R(PXP_CIC_S))		
25		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
26		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
27		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
28		+PTC2_SYNC			
29		?TIMEOUT TAC			
30		+PTC2_SYNC			
31		+ PO_RR_2			
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_SR_2			
35		?TIMEOUT TAC		(I)	
36		+PTC2_SYNC			
37		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307106 <b>Group</b> : ISUP_DSS1/REL_R/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
13		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
14		+PTC1_SYNC_1			
15		+PO_SR_1(1)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC	TrI (P_ACM_R9(PXP_CIC_S,'01'B))		
25		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
26		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
27		+PTC2_SYNC			
28		?TIMEOUT TAC			
29		+PTC2_SYNC			
30		+ PO_RR_2			
31		?TIMEOUT TAC		(I)	
32		+PTC2_SYNC			
33		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307107 <b>Group</b> : ISUP_DSS1/REL_R/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
11		L1!PDUr	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUr START TWAIT	Ms(ALT_S1(1,CREF))		
13		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
14		+PTC1_SYNC_1			
15		+PO_SR_1(1)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUr START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
25		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
26		L2!P_PDUr START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
27		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
28		+PTC2_SYNC			
29		?TIMEOUT TAC			
30		+PTC2_SYNC			
31		+ PO_RR_2			
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_SR_2			
35		?TIMEOUT TAC		(I)	
36		+PTC2_SYNC			
37		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307108 <b>Group</b> : ISUP_DSS1/REL_R/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a progress indicator where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to Progress, and on receipt of a ALERTING Message goes to state N7, sends out a CPG message where the Event indicator is set to Alerting and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
14		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
15		+PTC1_SYNC_1			
16		+PO_SR_1(1)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
27		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
28		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
29		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
30		+PTC2_SYNC			
31		?TIMEOUT TAC			
32		+PTC2_SYNC			
33		+ PO_RR_2			
34		?TIMEOUT TAC		(I)	
35		+PTC2_SYNC			
36		+PO_SR_2			
37		?TIMEOUT TAC		(I)	

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
38		+PTC2_SYNC			
39		+PO_SR_2			
40		?TIMEOUT TAC		( I )	
41		+PTC2_SYNC			
42		+PO_SR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307109 <b>Group</b> : ISUP_DSS1/REL_R/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to Progress, and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs START TWAIT	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
14		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
15		+PTC1_SYNC_1			
16		+PO_SR_1(1)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
27		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
28		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
29		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
30		+PTC2_SYNC			
31		?TIMEOUT TAC			
32		+PTC2_SYNC			
33		+ PO_RR_2			
34		?TIMEOUT TAC		(I)	
35		+PTC2_SYNC			
36		+PO_SR_2			
37		?TIMEOUT TAC		(I)	
38		+PTC2_SYNC			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
39		+PO_SR_2		( I )	
40		?TIMEOUT TAC			
41		+PTC2_SYNC			
42		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC307110 <b>Group</b> : ISUP_DSS1/REL_R/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" receives a CONNECT message, sends out an ANM message and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP, sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
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(1))		
7		+PR_N00_1		
8		+PTC1_SYNC_1		
9		START TWAIT		
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)	
11		L1!PDU_S	Ms(CP_S2(1,CREF,'0000'B,1))	
12		L1!PDU_S START TWAIT	Ms(CN_S(1,CREF))	
13		L1?PDU_r CANCEL TWAIT	Mr(DI_R2(0,CREF))	(P)
14		+PTC1_SYNC_1		
15		+PO_SR_1(1)		
16		?TIMEOUT TWAIT		(I)
17		+PTC1_SYNC_1		
18		+PO_SR_1(1)		
19		?TIMEOUT TWAIT		(I)
20		+PTC1_SYNC_1		
		PTC2_IN		
21		ACTIVATE(OtherwiseFail_2)		
22		+PTC2_SYNC		
23		L2!P_PDU_S START TAC	TrR (P_IAM_S)	
24		L2?P_PDU_r CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))	
25		L2?P_PDU_r CANCEL TAC	TrI (P_ANM_R(PXP_CIC_S))	
26		L2!P_PDU_S START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))	
27		L2? P_PDU_r CANCEL TAC	TrI(P_RLC_R(CIC_VAL))	
28		+PTC2_SYNC		
29		?TIMEOUT TAC		
30		+PTC2_SYNC		
31		+ PO_RR_2		
32		?TIMEOUT TAC		(I)
33		+PTC2_SYNC		
34		+PO_SR_2		
35		?TIMEOUT TAC		(I)
36		+PTC2_SYNC		
37		+PO_SR_2		
<b>Detailed Comments</b> :				



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307111 <b>Group</b> : ISUP_DSS1/REL_R/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CONNECT message, sends out an CON message and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
11		L1!PDUs START TWAIT	Ms(CN_S(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R2(0,CREF))	(P)	
13		+PTC1_SYNC_1			
14		+PO_SR_1(1)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_1			
17		+PO_SR_1(1)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PTC2_SYNC			
22		L2!P_PDUs START TWAIT	TrR (P_IAM_S)		
23		L2?P_PDUr CANCEL TWAIT	TrI (P_CON_R(PXP_CIC_S))		
24		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
25		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
26		+PTC2_SYNC			
27		?TIMEOUT TAC			
28		+PTC2_SYNC			
29		+ PO_RR_2			
30		?TIMEOUT TWAIT			
31		+PTC2_SYNC			
32		+ PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC307202  
**Group** : ISUP\_DSS1/REL\_R/Coincident\_ST\_Reference\_Point/  
**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message, and on receipt of a REL message with the Cause value CV\_ISUP, location LOC\_ISUP sends a RELEASE message with the Cause value CV\_ISDN, location LOC\_ISDN.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.7,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

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		+MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
12		L1!PDUs	Ms(SUA_S1(1,CREF))		
13		+PTC1_SYNC_1			
14		START TWAIT			
15		L1?PDUr CANCEL TWAIT	Mr(RL_R2(0,CREF))	(P)	
16		L1!PDUs	Ms(RC_S1(1,CREF))		
17		+PTC1_SYNC_1			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
20		+PO_SR_1(1)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2)			
24		+PTC2_SYNC			
25		L2!P_PDUs	TrR (P_IAM_S)		
26		+PTC2_SYNC			
27		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
28		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
29		+PTC2_SYNC			
30		?TIMEOUT TAC			
31		+PTC2_SYNC			
32		+ PO_RR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307203 <b>Group</b> : ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message and on receipt of a SAM message followed by a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a INFORMATION message followed by a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUP_BROADCASTTr (CREf := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
12		L1!PDUs START TWAIT	Ms(SUA_S1(1,CREf))		
13		L1!PDUr CANCEL TWAIT	Mr(IN_R(0,CREf))		
14		+PTC1_SYNC_1			
15		START TWAIT			
16		L1!PDUr CANCEL TWAIT	Mr(RL_R2(0,CREf))	(P)	
17		L1!PDUs	Ms(RC_S1(1,CREf))		
18		+PTC1_SYNC_1			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+ PO_SR_1(1)			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+ PO_SR_1(1)			
25		?TIMEOUT TWAIT		(I)	
26		+PTC1_SYNC_1			
		PTC2_IN			
27		ACTIVATE(OtherwiseFail_2)			
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR (P_IAM_S1)		
30		L2!P_PDUs	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL2_S, PXP_SNbV_OVERL2_S))		
31		+PTC2_SYNC			
32		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
33		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
34		+PTC2_SYNC			
35		?TIMEOUT TAC			
36		+PTC2_SYNC			
37		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307204 <b>Group</b> : ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs START TWAIT	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1?PDUr CANCEL TWAIT	Mr(RL_R2(0,CREF))	(P)	
13		L1!PDUs	Ms(RC_S1(1,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_1			
17		+PO_SR_1(1)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR (P_IAM_S)		
23		L2?P_PDUr CANCEL TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
24		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
25		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
26		+PTC2_SYNC			
27		?TIMEOUT TAC			
28		+PTC2_SYNC			
29		+ PO_RR_2			
30		?TIMEOUT TAC		(I)	
31		+PTC2_SYNC			
32		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307205 <b>Group</b> : ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a progress indicator where the progress description value is set to PI_VALUE, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG message where the Event indicator is set to Progress and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP, sends a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TWAIT	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1?PDUr CANCEL TWAIT	Mr(RL_R2(0,CREF))	(P)	
14		L1!PDUs	Ms(RC_S1(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R(PXP_CIC_S))		
25		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
26		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
27		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
28		+PTC2_SYNC			
29		?TIMEOUT TAC			
30		+PTC2_SYNC			
31		+ PO_RR_2			
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_SR_2			
35		?TIMEOUT TAC		(I)	
36		+PTC2_SYNC			
37		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307206 <b>Group</b> : ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
13		L1?PDUr CANCEL TWAIT	Mr(RL_R2(0,CREF))	(P)	
14		L1!PDUs	Ms(RC_S1(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC	TrI (P_ACM_R9(PXP_CIC_S,'01'B))		
25		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
26		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
27		+PTC2_SYNC			
28		?TIMEOUT TAC			
29		+PTC2_SYNC			
30		+ PO_RR_2			
31		?TIMEOUT TAC		(I)	
32		+PTC2_SYNC			
33		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307207 <b>Group</b> : ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP, sends a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
13		L1?PDUr CANCEL TWAIT	Mr(RL_R2(0,CREF))	(P)	
14		L1!PDUs	Ms(RC_S1(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs CANCEL TAC, START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
25		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
26		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
27		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
28		+PTC2_SYNC			
29		?TIMEOUT TAC			
30		+PTC2_SYNC			
31		+ PO_RR_2			
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_SR_2			
35		?TIMEOUT TAC		(I)	
36		+PTC2_SYNC			
37		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307208 <b>Group</b> : ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a progress indicator where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to Progress, and on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP, sends a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
14		L1?PDUr CANCEL TWAIT	Mr(RL_R2(0,CREF))	(P)	
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
27		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
28		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CAU_LOC_ISUP,PXP_CAU_VAL_ISUP))		
29		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
30		+PTC2_SYNC			
31		?TIMEOUT TAC			
32		+PTC2_SYNC			
33		+ PO_RR_2			
34		?TIMEOUT TAC		(I)	
35		+PTC2_SYNC			
36		+PO_SR_2			
37		?TIMEOUT TAC		(I)	

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
38		+PTC2_SYNC			
39		+PO_SR_2			
40		?TIMEOUT TAC		( I )	
41		+PTC2_SYNC			
42		+PO_SR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307209 <b>Group</b> : ISUP_DSS1/REL_R/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to Progress, and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP, sends a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs START TWAIT	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
14		L1?PDUr CANCEL TWAIT	Mr(RL_R2(0,CREF))	(P)	
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
27		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
28		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
29		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
30		+PTC2_SYNC			
31		?TIMEOUT TAC			
32		+PTC2_SYNC			
33		+ PO_RR_2			
34		?TIMEOUT TAC		(I)	
35		+PTC2_SYNC			
36		+PO_SR_2			
37		?TIMEOUT TAC		(I)	

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
38		+PTC2_SYNC		( I )	
39		+PO_SR_2			
40		?TIMEOUT TAC			
41		+PTC2_SYNC			
42		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC307301 <b>Group</b> : ISUP_DSS1/REL_R/ACM_AUTO/ <b>Purpose</b> : Ensure that the SUT in state N9, having sent automatically the ACM message, on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP, sends a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.7, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
6		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N06_1_ACM_AUTO			
9		L1!PDUs	Ms(CP_S1(1,CREF))		KOE +PTC1_SYNC removed from line 8 KOE added this line
10		+PTC1_SYNC			
11		START TWAIT			
12		L1?PDUr CANCEL TWAIT	Mr(RL_R2(0,CREF))	( P )	
13		L1!PDUs	Ms(RC_S1(1,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT TWAIT		( I )	
16		+PTC1_SYNC			
17		+PO_SR_1(1)			
18		PTC2_IN			
19		ACTIVATE(OtherwiseFail_2)			
20		+PR_N06_2_ACM_AUTO			
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR(P_REL_S1(PXP_CIC_S,PXP_CA U_LOC_ISUP,PXP_CAU_VAL_ISUP))		
23		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
24		+PTC2_SYNC			
25		?TIMEOUT TAC			
26		+PTC2_SYNC			
27		+ PO_RR_2			
Detailed Comments :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC308011  
**Group** : ISUP\_DSS1/REL\_S/TC308010/  
**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message and on receipt RELEASE COMPLETE message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with the Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.8,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(RC_S2(1,CREF))		
13		+PTC1_SYNC_1			
14		?TIMEOUT TWAIT		(I)	
15		+PTC1_SYNC_1			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		L2!P_PDUs START TAC	TrR (P_IAM_S)		
19		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_ACM_R(PXP_CIC_S))		
20		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R2 (PXP_CIC_S))	(P)	
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
23		?TIMEOUT TWAIT		(I)	
24		+PTC1_SYNC_1			
25		+PO_SR_2			
26		?TIMEOUT TAC		(F)	
27		+PTC2_SYNC			
28		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308012 <b>Group</b> : ISUP_DSS1/REL_S/TC308010/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message and on receipt RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TAC	Ms(RL_S2(1,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(1,CREF))		
17		+PTC1_SYNC_1			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR (P_IAM_S)		
23		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_ACM_R(PXP_CIC_S))		
24		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R2 (PXP_CIC_S))	(P)	
25		+PTC2_SYNC			
26		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
27		?TIMEOUT TWAIT		(I)	
28		+PTC1_SYNC_1			
29		+PO_SR_2			
30		?TIMEOUT TAC		(F)	
31		+PTC2_SYNC			
32		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308013 <b>Group</b> : ISUP_DSS1/REL_S/TC308010/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message and on receipt DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
14		L1!PDUs	Ms(RC_S1(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_1			
18		+ PO_SR_1(1)			
19		?TIMEOUT TWAIT		( I )	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_ACM_R(PXP_CIC_S))		
25		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R2 (PXP_CIC_S))	( P )	
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TWAIT		( I )	
29		+PTC1_SYNC_1			
30		+PO_SR_2			
31		?TIMEOUT TAC		( F )	
32		+PTC2_SYNC			
33		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308021 <b>Group</b> : ISUP_DSS1/REL_S/TC308020/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message, and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1!PDUs	Ms(RC_S2(1,CREF))		
13		+PTC1_SYNC_1			
14		?TIMEOUT TWAIT		( I )	
15		+PTC1_SYNC_1			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		L2!P_PDUs START TWAIT	TrR (P_IAM_S)		
19		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
20		+PTC2_SYNC			
21		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
22		?TIMEOUT TWAIT		( I )	
23		+PTC2_SYNC			
24		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC308022  
**Group** : ISUP\_DSS1/REL\_S/TC308020/  
**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message and on receipt of a RELEASE message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with the Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.8,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(1,CREF))	(P)	
13		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(1,CREF))		
17		+PTC1_SYNC_1			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PTC2_SYNC			
22		L2!P_PDUs START TWAIT	TrR (P_IAM_S)		
23		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
24		+PTC2_SYNC			
25		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
26		?TIMEOUT TWAIT		(I)	
27		+PTC2_SYNC			
28		+PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308023 <b>Group</b> : ISUP_DSS1/REL_S/TC308020/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, on receipt of a SAM message sends a INFORMATION message and on receipt of a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1!PDUs START TAC	Ms(DI_S1(1,CREF))	(P)	
13		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
14		L1!PDUs	Ms(RC_S1(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_1			
18		+ PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TWAIT	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
25		+PTC2_SYNC			
26		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC			
29		+PO_SR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308031 <b>Group</b> : ISUP_DSS1/REL_S/TC308030/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, on receipt of a SAM message sends a INFORMATION message and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs START TWAIT	Ms(SUA_S1(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(IN_R(0,CREF))		
13		L1!PDUs	Ms(RC_S2(1,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT TWAIT		( I )	
16		+PTC1_SYNC_1			
17		+ PO_RR_1(1)			
18		?TIMEOUT TWAIT		( I )	
19		+PTC1_SYNC_1			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR (P_IAM_S1)		
23		L2!P_PDUs START TWAIT	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL2_S, PXP_SNbV_OVERL2_S))		
24		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
25		+PTC2_SYNC			
26		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
27		?TIMEOUT TWAIT		( I )	
28		+PTC2_SYNC			
29		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308032 <b>Group</b> : ISUP_DSS1/REL_S/TC308030/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, on receipt of a SAM message sends a INFORMATION message and on receipt of a REL EASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs START TWAIT	Ms(SUA_S1(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(IN_R(0,CREF))		
13		L1!PDUs START TAC	Ms(RL_S2(1,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TAC			
17		L1!PDUs	Ms(RC_S1(1,CREF))		
18		+PTC1_SYNC_1			
19		?TIMEOUT TWAIT		( I )	
20		+PTC1_SYNC_1			
21		+ PO_RR_1(1)			
22		?TIMEOUT TWAIT		( I )	
23		+PTC1_SYNC_1			
		PTC2_IN			
24		ACTIVATE(OtherwiseFail_2)			
25		+PTC2_SYNC			
26		L2!P_PDUs	TrR (P_IAM_S1)		
27		L2!P_PDUs START TWAIT	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL2_S, PXP_SNbV_OVERL2_S))		
28		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
29		+PTC2_SYNC			
30		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
31		?TIMEOUT TWAIT		( I )	
32		+PTC2_SYNC			
33		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308033 <b>Group</b> : ISUP_DSS1/REL_S/TC308030/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, on receipt of a SAM message sends a INFORMATION message and on receipt of a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs START TWAIT	Ms(SUA_S1(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(IN_R(0,CREF))		
13		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_1			
19		+ PO_SR_1(1)			
20		?TIMEOUT TWAIT		( I )	
21		+PTC1_SYNC_1			
22		+ PO_RR_1(1)			
23		?TIMEOUT TWAIT		( I )	
24		+PTC1_SYNC_1			
		PTC2_IN			
25		ACTIVATE(OtherwiseFail_2)			
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR (P_IAM_S1)		
28		L2!P_PDUs START TWAIT	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL2_S, PXP_SNbV_OVERL2_S))		
29		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
30		+PTC2_SYNC			
31		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
32		?TIMEOUT TWAIT		( I )	
33		+PTC2_SYNC			
34		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308041 <b>Group</b> : ISUP_DSS1/REL_S/TC308040/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends a SETUP message, and receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN, sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(RC_S2(1,CREF))		
13		+PTC1_SYNC_1			
14		?TIMEOUT TWAIT		( I )	
15		+PTC1_SYNC_1			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		L2!P_PDUs START TAC	TrR (P_IAM_S)		
19		L2?P_PDUs CANCEL TAC, START TWAIT	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
20		L2?P_PDUs CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
23		?TIMEOUT TWAIT		( I )	
24		+PTC2_SYNC			
25		+PO_SR_2			
26		?TIMEOUT TAC		( F )	
27		+PTC2_SYNC			
28		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC308042  
**Group** : ISUP\_DSS1/REL\_S/TC308040/  
**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a RELEASE message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with the Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.8,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TAC	Ms(RL_S2(1,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(1,CREF))		
17		+PTC1_SYNC_1			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR (P_IAM_S)		
23		L2?P_PDUr CANCEL TAC, START TWAIT	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
24		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
25		+PTC2_SYNC			
26		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC			
29		+PO_SR_2			
30		?TIMEOUT TAC		(F)	
31		+PTC2_SYNC			
32		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308043 <b>Group</b> : ISUP_DSS1/REL_S/TC308040/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN, sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
14		L1!PDUs	Ms(RC_S1(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_1			
18		+ PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TWAIT	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
25		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TWAIT		(I)	
29		+PTC2_SYNC			
30		+PO_SR_2			
31		?TIMEOUT TAC		(F)	
32		+PTC2_SYNC			
33		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC308051  
**Group** : ISUP\_DSS1/REL\_S/TC308050/  
**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a progress indicator PI\_VALUE, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG message where the Event indicator is set to Progress and on receipt of a RELEASE COMPLETE message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with the Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.8,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START WAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1!PDUs	Ms(RC_S2(1,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT WAIT		(I)	
16		+PTC1_SYNC_1			
		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR (P_IAM_S)		
20		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
21		L2?P_PDUr CANCEL TAC, START WAIT	TrI (P_CPG_R1(PXP_CIC_S,2))		
22		L2?P_PDUr CANCEL WAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
25		?TIMEOUT WAIT		(I)	
26		+PTC2_SYNC			
27		+PO_SR_2			
28		?TIMEOUT TAC		(F)	
29		+PTC2_SYNC			
30		+PO_SR_2			
31		?TIMEOUT TAC		(F)	
32		+PTC2_SYNC			
33		+PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308052 <b>Group</b> : ISUP_DSS1/REL_S/TC308050/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a progress indicator PI_VALUE, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG message where the Event indicator is set to Progress and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1!PDUs START TAC	Ms(RL_S2(1,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TAC			
17		L1!PDUs	Ms(RC_S1(1,CREF))		
18		+PTC1_SYNC_1			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
25		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,2))		
26		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		(I)	
30		+PTC2_SYNC			
31		+PO_SR_2			
32		?TIMEOUT TAC		(F)	
33		+PTC2_SYNC			
34		+PO_SR_2			
35		?TIMEOUT TAC		(F)	
36		+PTC2_SYNC			
37		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC308053  
**Group** : ISUP\_DSS1/REL\_S/TC308050/  
**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a progress indicator PI\_VALUE, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG message where the Event indicator is set to Progress and on receipt of a DISCONNECT message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with the Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.8,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_1			
19		+ PO_SR_1(1)			
20		?TIMEOUT TWAIT		( I )	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUr START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,2))		
27		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
28		+PTC2_SYNC			
29		L2!P_PDUr	TrR( P_RLC_S (CIC_VAL))		
30		?TIMEOUT TWAIT		( I )	
31		+PTC2_SYNC			
32		+PO_SR_2			
33		?TIMEOUT TAC		( F )	
34		+PTC2_SYNC			
35		+PO_SR_2			
36		?TIMEOUT TAC		( F )	
37		+PTC2_SYNC			
38		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308061 <b>Group</b> : ISUP_DSS1/REL_S/TC308060/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs	Ms(RC_S2(1,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT TWAIT		( I )	
16		+PTC1_SYNC_1			
		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR (P_IAM_S)		
20		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_ACM_R9(PXP_CIC_S,'01'B))		
21		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
22		+PTC2_SYNC			
23		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
24		?TIMEOUT TWAIT		( I )	
25		+PTC2_SYNC			
26		+PO_SR_2			
27		?TIMEOUT TAC		( F )	
28		+PTC2_SYNC			
29		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308062 <b>Group</b> : ISUP_DSS1/REL_S/TC308060/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs START TAC	Ms(RL_S2(1,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TAC			
17		L1!PDUs	Ms(RC_S1(1,CREF))		
18		+PTC1_SYNC_1			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_ACM_R9(PXP_CIC_S,'01'B))		
25		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TWAIT		(I)	
29		+PTC2_SYNC			
30		+PO_SR_2			
31		?TIMEOUT TAC		(F)	
32		+PTC2_SYNC			
33		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308063 <b>Group</b> : ISUP_DSS1/REL_S/TC308060/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_1			
19		+ PO_SR_1(1)			
20		?TIMEOUT TWAIT		( I )	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_ACM_R9(PXP_CIC_S,'01'B))		
26		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		( I )	
30		+PTC2_SYNC			
31		+PO_SR_2			
32		?TIMEOUT TAC		( F )	
33		+PTC2_SYNC			
34		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC308071

**Group** : ISUP\_DSS1/REL\_S/TC308070/

**Purpose** : Ensure that the SUT after receiving the IAM, sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting and on receipt of a RELEASE COMPLETE message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with the Cause value CV\_ISUP, location LOC\_ISUP

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 3.1.1.8,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs	Ms(RC_S2(1,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_1			
		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR (P_IAM_S)		
20		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
21		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,1))		
22		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
25		?TIMEOUT TWAIT		(I)	
26		+PTC2_SYNC			
27		+PO_SR_2			
28		?TIMEOUT TAC		(F)	
29		+PTC2_SYNC			
30		+PO_SR_2			
31		?TIMEOUT TAC		(F)	
32		+PTC2_SYNC			
33		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308072 <b>Group</b> : ISUP_DSS1/REL_S/TC308070/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs START TAC	Ms(RL_S2(1,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TAC			
17		L1!PDUs	Ms(RC_S1(1,CREF))		
18		+PTC1_SYNC_1			
19		?TIMEOUT TWAIT		( I )	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
25		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,1))		
26		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
29		?TIMEOUT TWAIT		( I )	
30		+PTC2_SYNC			
31		+PO_SR_2			
32		?TIMEOUT TAC		( F )	
33		+PTC2_SYNC			
34		+PO_SR_2			
35		?TIMEOUT TAC		( F )	
36		+PTC2_SYNC			
37		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC308073

**Group** : ISUP\_DSS1/REL\_S/TC308070/

**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting and on receipt of a DISCONNECT message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with the Cause value CV\_ISUP, location LOC\_ISUP

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.699 [3] subclause 3.1.1.8,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_1			
19		+ PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,1))		
27		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
30		?TIMEOUT TWAIT		(I)	
31		+PTC2_SYNC			
32		+PO_SR_2			
33		?TIMEOUT TAC		(F)	
34		+PTC2_SYNC			
35		+PO_SR_2			
36		?TIMEOUT TAC		(F)	
37		+PTC2_SYNC			
38		+PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308081 <b>Group</b> : ISUP_DSS1/REL_S/TC308080/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a progress indicator where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to Progress, and on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1!PDUs	Ms(ALT_S1(1,CREF))		
14		L1!PDUs	Ms(RC_S2(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		+PTC2_SYNC			
20		L2!P_PDUs START TAC	TrR (P_IAM_S)		
21		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
22		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
23		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,1))		
24		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
25		+PTC2_SYNC			
26		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC			
29		+PO_SR_2			
30		?TIMEOUT TAC		(F)	
31		+PTC2_SYNC			
32		+PO_SR_2			
33		?TIMEOUT TAC		(F)	
34		+PTC2_SYNC			
35		+PO_SR_2			
36		?TIMEOUT TAC		(F)	
37		+PTC2_SYNC			
38		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308082 <b>Group</b> : ISUP_DSS1/REL_S/TC308080/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a progress indicator where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to Progress, and on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1!PDUs	Ms(ALT_S1(1,CREF))		
14		L1!PDUs START TAC	Ms(RL_S2(1,CREF))		
15		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TAC			
18		L1!PDUs	Ms(RC_S1(1,CREF))		
19		+PTC1_SYNC_1			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
27		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,1))		
28		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
29		+PTC2_SYNC			
30		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
31		?TIMEOUT TWAIT		(I)	
32		+PTC2_SYNC			
33		+PO_SR_2			
34		?TIMEOUT TAC		(F)	
35		+PTC2_SYNC			
36		+PO_SR_2			
37		?TIMEOUT TAC		(F)	
38		+PTC2_SYNC			
39		+PO_SR_2			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
40		?TIMEOUT TAC		( F )	
41		+PTC2_SYNC			
42		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308083 <b>Group</b> : ISUP_DSS1/REL_S/TC308080/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a progress indicator where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to Progress, and on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting and on receipt of a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1!PDUs	Ms(ALT_S1(1,CREF))		
14		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
15		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
16		L1!PDUs	Ms(RC_S1(1,CREF))		
17		+PTC1_SYNC_1			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_1			
20		+ PO_SR_1(1)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2)			
24		+PTC2_SYNC			
25		L2!P_PDUs START TAC	TrR (P_IAM_S)		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
27		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
28		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,1))		
29		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
30		+PTC2_SYNC			
31		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
32		?TIMEOUT TWAIT		(I)	
33		+PTC2_SYNC			
34		+PO_SR_2			
35		?TIMEOUT TAC		(F)	
36		+PTC2_SYNC			
37		+PO_SR_2			
38		?TIMEOUT TAC		(F)	
39		+PTC2_SYNC			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
40		+PO_SR_2		( F )	
41		?TIMEOUT TAC			
42		+PTC2_SYNC			
43		+PO_SR_2			
Detailed Comments :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC308091  
**Group** : ISUP\_DSS1/REL\_S/TC308090/  
**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting, on receipt of a PROGRESS message where the progress description value is set to PI\_VALUE, sends out a CPG message where the Event indicator is set to Progress, and on receipt of a RELEASE COMPLETE message with the Cause value CV\_ISDN, location LOC\_ISDN sends a REL message with the Cause value CV\_ISUP, location LOC\_ISUP  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.8,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
14		L1!PDUs	Ms(RC_S2(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		+PTC2_SYNC			
20		L2!P_PDUs START TAC	TrR (P_IAM_S)		
21		L2?P_PDUsr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
22		L2?P_PDUsr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
23		L2?P_PDUsr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,2))		
24		L2?P_PDUsr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
25		+PTC2_SYNC			
26		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC			
29		+PO_SR_2			
30		?TIMEOUT TAC		(F)	
31		+PTC2_SYNC			
32		+PO_SR_2			
33		?TIMEOUT TAC		(F)	
34		+PTC2_SYNC			
35		+PO_SR_2			
36		?TIMEOUT TAC		(F)	
37		+PTC2_SYNC			
38		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308092 <b>Group</b> : ISUP_DSS1/REL_S/TC308090/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to Progress, and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDU	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDU	Ms(ALT_S1(1,CREF))		
13		L1!PDU	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
14		L1!PDU START TAC	Ms(RL_S2(1,CREF))		
15		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TAC			
18		L1!PDU	Ms(RC_S1(1,CREF))		
19		+PTC1_SYNC_1			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDU START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
27		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,2))		
28		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
29		+PTC2_SYNC			
30		L2!P_PDU	TrR( P_RLC_S (CIC_VAL))		
31		?TIMEOUT TWAIT		(I)	
32		+PTC2_SYNC			
33		+PO_SR_2			
34		?TIMEOUT TAC		(F)	
35		+PTC2_SYNC			
36		+PO_SR_2			
37		?TIMEOUT TAC		(F)	
38		+PTC2_SYNC			
39		+PO_SR_2			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
40		?TIMEOUT TAC		( F )	
41		+PTC2_SYNC			
42		+PO_SR_2			
Detailed Comments :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308093 <b>Group</b> : ISUP_DSS1/REL_S/TC308090/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to Alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to Progress, and on receipt of a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
14		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
15		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
16		L1!PDUs	Ms(RC_S1(1,CREF))		
17		+PTC1_SYNC_1			
18		?TIMEOUT TAC			
19		+PTC1_SYNC_1			
20		+ PO_SR_1(1)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2)			
24		+PTC2_SYNC			
25		L2!P_PDUs START TAC	TrR (P_IAM_S)		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
27		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
28		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CPG_R1(PXP_CIC_S,2))		
29		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
30		+PTC2_SYNC			
31		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
32		?TIMEOUT TWAIT		(I)	
33		+PTC2_SYNC			
34		+PO_SR_2			
35		?TIMEOUT TAC		(F)	
36		+PTC2_SYNC			
37		+PO_SR_2			
38		?TIMEOUT TAC		(F)	
39		+PTC2_SYNC			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
40		+PO_SR_2		( F )	
41		?TIMEOUT TAC			
42		+PTC2_SYNC			
43		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308101 <b>Group</b> : ISUP_DSS1/REL_S/TC308100/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM, sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM message where the CPS indicator is set to "no indication" receives a CONNECT message, sends out an ANM message and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(CN_S(1,CREF))		
13		L1!PDUs	Ms(RC_S2(1,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_1			
		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR (P_IAM_S)		
20		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
21		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_ANM_R(PXP_CIC_S))		
22		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
25		?TIMEOUT TWAIT		(I)	
26		+PTC2_SYNC			
27		+PO_SR_2			
28		?TIMEOUT TAC		(F)	
29		+PTC2_SYNC			
30		+PO_SR_2			
31		?TIMEOUT TAC		(F)	
32		+PTC2_SYNC			
33		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC308102 <b>Group</b> : ISUP_DSS1/REL_S/TC308100/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM message where the CPS indicator is set to "no indication" receives a CONNECT message, sends out an ANM message and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
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(1))		
7		+PR_N00_1		
8		+PTC1_SYNC_1		
9		START TWAIT		
10		+SETUP_R(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))	
12		L1!PDUs	Ms(CN_S(1,CREF))	
13		L1!PDUs START TAC	Ms(RL_S2(1,CREF))	
14		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))	
15		+PTC1_SYNC_1		
16		?TIMEOUT TAC		
17		L1!PDUs	Ms(RC_S1(1,CREF))	
18		+PTC1_SYNC_1		
19		?TIMEOUT TWAIT		( I )
20		+PTC1_SYNC_1		
		PTC2_IN		
21		ACTIVATE(OtherwiseFail_2)		
22		+PTC2_SYNC		
23		L2!P_PDUs START TAC	TrR (P_IAM_S)	
24		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))	
25		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_ANM_R(PXP_CIC_S))	
26		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )
27		+PTC2_SYNC		
28		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))	
29		?TIMEOUT TWAIT		( I )
30		+PTC2_SYNC		
31		+PO_SR_2		
32		?TIMEOUT TAC		( F )
33		+PTC2_SYNC		
34		+PO_SR_2		
35		?TIMEOUT TAC		( F )
36		+PTC2_SYNC		
37		+PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308103 <b>Group</b> : ISUP_DSS1/REL_S/TC308100/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM message where the CPS indicator is set to "no indication" receives a CONNECT message, sends out an ANM message and on receipt of a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(CN_S(1,CREF))		
13		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
14		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TAC			
18		+PTC1_SYNC_1			
19		+ PO_SR_1(1)			
20		?TIMEOUT TWAIT		( I )	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_ANM_R(PXP_CIC_S))		
27		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
30		?TIMEOUT TWAIT		( I )	
31		+PTC2_SYNC			
32		+PO_SR_2			
33		?TIMEOUT TAC		( F )	
34		+PTC2_SYNC			
35		+PO_SR_2			
36		?TIMEOUT TAC		( F )	
37		+PTC2_SYNC			
38		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308111 <b>Group</b> : ISUP_DSS1/REL_S/TC308110/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CONNECT message, sends out a CON message and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISUP, location LOC_ISUP, sends a REL message with the Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CN_S(1,CREF))		
12		L1!PDUs	Ms(RC_S2(1,CREF))		
13		+PTC1_SYNC_1			
14		?TIMEOUT TWAIT		( I )	
15		+PTC1_SYNC_1			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PTC2_SYNC			
18		L2!P_PDUs START TAC	TrR (P_IAM_S)		
19		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CON_R(PXP_CIC_S))		
20		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
23		?TIMEOUT TWAIT		( I )	
24		+PTC2_SYNC			
25		+PO_SR_2			
26		?TIMEOUT TAC		( F )	
27		+PTC2_SYNC			
28		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308112 <b>Group</b> : ISUP_DSS1/REL_S/TC308110/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM, sends out a SETUP message, receives a CONNECT message sends out an CON message and on receipt of a RELEASE message with the Cause value CV_ISUP, location LOC_ISUP sends a REL message with the Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CN_S(1,CREF))		
12		L1!PDUs START TAC	Ms(RL_S2(1,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
14		+PTC1_SYNC_1			
15		?TIMEOUT TAC			
16		L1!PDUs	Ms(RC_S1(1,CREF))		
17		+PTC1_SYNC_1			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR (P_IAM_S)		
23		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CON_R(PXP_CIC_S))		
24		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	(P)	
25		+PTC2_SYNC			
26		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
27		?TIMEOUT TWAIT		(I)	
28		+PTC2_SYNC			
29		+PO_SR_2			
30		?TIMEOUT TAC		(F)	
31		+PTC2_SYNC			
32		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC308113  
**Group** : ISUP\_DSS1/REL\_S/TC308110/  
**Purpose** : Ensure that the SUT after receiving the IAM, sends out a SETUP message, receives a CONNECT message, sends out an CON message and on receipt of a DISCONNECT message with the Cause value CV\_ISUP, location LOC\_ISUP sends a REL message with the Cause value CV\_ISDN, location LOC\_ISDN  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.8,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		+SETUP_R(SU_R1)			
11		L1!PDUs	Ms(CN_S(1,CREF))		
12		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
13		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
14		L1!PDUs	Ms(RC_S1(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_1			
18		+ PO_SR_1(1)			
19		?TIMEOUT TWAIT		( I )	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TWAIT	TrI (P_CON_R(PXP_CIC_S))		
25		L2?P_PDUr CANCEL TWAIT	TrI(P_REL_R2(PXP_CIC_S))	( P )	
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
28		?TIMEOUT TWAIT		( I )	
29		+PTC2_SYNC			
30		+PO_SR_2			
31		?TIMEOUT TAC		( F )	
32		+PTC2_SYNC			
33		+PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308121 <b>Group</b> : ISUP_DSS1/REL_S/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM, sends out a SETUP message via a broadcast data link, receives a RELEASE COMPLETE message with the Cause value CV_ISUP, location LOC_ISUP, sends a REL message after time-out of T303 with the Cause value CV_ISDN, location LOC_ISDN <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(RC_S2(1,CREF))		
12		+PTC1_SYNC_1			
13		?TIMEOUT TWAIT		( I )	
14		+PTC1_SYNC_1			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PTC2_SYNC			
17		L2!P_PDUs START TAC	TrR (P_IAM_S)		
18		START T303MIN, START T303MAX			
19		?TIMEOUT T303MIN			
20		L2?P_PDUr CANCEL T303MAX	TrI(P_REL_R2(PXP_CIC_S))	( P )	
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))		
23		?TIMEOUT T303MAX		( F )	
24		+PTC2_SYNC			
25		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC308131 <b>Group</b> : ISUP_DSS1/REL_S/TC308130/ <b>Purpose</b> : Ensure that the SUT in state N6, having sent automatically the ACM message, on receipt RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN, sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N06_MTC_ACM_AUTO		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N06_1_ACM_AUTO		
8		+PTC1_SYNC		
9		L1!PDUs	Ms(RC_S2(1,CREF))	
10		+PTC1_SYNC		
		PTC2_IN		
11		ACTIVATE(OtherwiseFail_2)		
12		+PR_N06_2_ACM_AUTO		
13		+PTC2_SYNC		
14		START TWAIT		
15		L2?P_PDUs CANCEL TWAIT	TrI (P_REL_R2 (PXP_CIC_S))	(P)
16		+PTC2_SYNC		
17		L2!P_PDUs	TrR( P_RLC_S (CIC_VAL))	
18		?TIMEOUT TWAIT		(I)
19		+PTC2_SYNC		
20		+PO_SR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC308132 <b>Group</b> : ISUP_DSS1/REL_S/TC308130/ <b>Purpose</b> : Ensure that the SUT in state N6, having sent automatically the ACM message, on receipt RELEASE message with the Cause value CV_ISDN, location LOC_ISDN, sends a REL message with the Cause value CV_ISUP, location LOC_ISUP. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs START TAC	Ms(RL_S2(1,CREF))		
10		L1?PDUr CANCEL TAC	Mr(RC_R1(0,CREF))		
11		+PTC1_SYNC_1			
12		?TIMEOUT TAC			
13		L1!PDUs	Ms(RC_S1(1,CREF))		
14		+PTC1_SYNC_1			
		PTC2_IN			
15		ACTIVATE(OtherwiseFail_2)			
16		+PR_N06_2_ACM_AUTO			
17		+PTC2_SYNC			
18		START TWAIT			
19		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R2 (PXP_CIC_S))	(P)	
20		+PTC2_SYNC			
21		+PO_SR_2			
22		?TIMEOUT TWAIT		(I)	
23		+PTC2_SYNC			
24		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC308133  
**Group** : ISUP\_DSS1/REL\_S/TC308130/  
**Purpose** : Ensure that the SUT in state N9, having sent automatically the ACM message, on receipt DISCONNECT message with the Cause value CV\_ISDN, location LOC\_ISDN, sends a REL message with the Cause value CV\_ISUP, location LOC\_ISUP.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.699 [3] subclause 3.1.1.8,  
ETS 300 403-1 [1] subclause 5.2.5.3,  
Q.764 [4] subclause 2.2

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		L1!PDUs	Ms(CP_S1(1,CREF))		
10		L1!PDUs START TAC	Ms(DI_S1(1,CREF))		
11		L1?PDUr CANCEL TAC	Mr(RL_R1(0,CREF))		
12		L1!PDUs	Ms(RC_S1(1,CREF))		
13		+PTC1_SYNC_1			
14		?TIMEOUT TAC			
15		+PTC1_SYNC_1			
16		+ PO_SR_1(1)			
		PTC2_IN			
17		ACTIVATE(OtherwiseFail_2)			
18		+PR_N06_2_ACM_AUTO			
19		+PTC2_SYNC			
20		START TWAIT			
21		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R2 (PXP_CIC_S))	(P)	
22		+PTC2_SYNC			
23		+PO_SR_2			
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309001 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/RSC/ <b>Purpose</b> : Ensure that the SUT in state N9, having sent the ACM message, on receipt of a RSC message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R4(0,CREF,31))	(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_N09_2_ACM			
18		+PTC2_SYNC			
19		L2!P_PDU_S START TAC	TrR (P_RSC_S (PXP_CIC_S))		
20		L2? P_PDU_R CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC309002 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/RSC/ <b>Purpose</b> : Ensure that the SUT in state N7, having sent the ACM message, on receipt of a RSC message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N07_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N07_1		
8		+PTC1_SYNC_1		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(DI_R4(0,CREF,31))	(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_N07_2		
18		+PTC2_SYNC		
19		L2!P_PDUs START TAC	TrR (P_RSC_S (PXP_CIC_S))	
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))	
21		+PTC2_SYNC		
22		?TIMEOUT TAC		
23		+PTC2_SYNC		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309003 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/RSC/ <b>Purpose</b> : Ensure that the SUT in state N10, on receipt of a RSC message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N10_1_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(DI_R4(0,CREF,31))	(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 START TAC	TrR (P_RSC_S (PXP_CIC_S))		
20		L2? P_PDUR CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC			
23		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309004 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/RSC/ <b>Purpose</b> : Ensure that the SUT in state N25, on receipt of a RSC message, sends the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R4(0,CREF,31))	(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_N25_2			
18		+PTC2_SYNC			
19		L2!P_PDUr START TAC	TrR (P_RSC_S (PXP_CIC_S))		
20		L2? P_PDUr CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(F)	
23		+PTC2_SYNC			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309005 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/RSC/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of a RSC message, does not send the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_1			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PTC2_SYNC			
14		L2!P_PDUs START TAC	TrR (P_RSC_S (PXP_CIC_S))		
15		L2? P_PDUs CANCEL TAC	TrI(P_RLC_R(CIC_VAL))		
16		+PTC2_SYNC			
17		?TIMEOUT TAC		( F )	
18		+PTC2_SYNC			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour				
<b>Test Case Name</b> : TC309006 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/GRS/ <b>Purpose</b> : Ensure that the SUT in state N9, having sent the ACM message, on receipt of a GRS message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3				
Nr	Label	Behaviour Description	Constraints Ref	Verdict
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)		
2		+PR_N09_MTC		
3		+MTC_SYNC		
4		+MTC_SYNC		
5		?DONE(PTC1, PTC2)		
		PTC1_OUT		
6		ACTIVATE(OtherwiseFail_1(1))		
7		+PR_N09_1_ACM		
8		+PTC1_SYNC_1		
9		START TWAIT		
10		L1?PDUR CANCEL TWAIT	Mr(DI_R4(0,CREF,31))	(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_N09_2_ACM		
18		+PTC2_SYNC		
19		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))	
20		L2? P_PDUr CANCEL TAC	TrI(P_GRA_R(CIC_VAL))	
21		+PTC2_SYNC		
22		?TIMEOUT TAC		(I)
23		+PTC2_SYNC		
24		+ PO_RR_2		
<b>Detailed Comments</b> :				

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309007 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/GRS/ <b>Purpose</b> : Ensure that the SUT in state N7, having sent the ACM message, on receipt of a GRS message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R4(0,CREF,31))	(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_N07_2			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
20		L2? P_PDUr CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(I)	
23		+PTC2_SYNC			
24		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309008 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/GRS/ <b>Purpose</b> : Ensure that the SUT in state N10, on receipt of a GRS message, sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N10_1_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(DI_R4(0,CREF,31))	(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 START TAC	TrR(P_GRS_S(CIC_VAL))		
20		L2? P_PDUr CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
21		+PTC2_SYNC			
22		?TIMEOUT TAC		(I)	
23		+PTC2_SYNC			
24		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309009 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/GRS/ <b>Purpose</b> : Ensure that the SUT in state N25, on receipt of a GRS message, sends the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R4(0,CREF,31))	(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_N25_2			
18		+PTC2_SYNC			
19		L2!P_PDUr START TAC	TrR(P_GRS_S(CIC_VAL))		
20		L2? P_PDUr CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
21		+PTC2_SYNC			
22		+ PO_RR_2			
23		?TIMEOUT TAC		(I)	
24		+PTC2_SYNC			
25		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309010 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/GRS/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of a GRS message, does not send the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_1			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PTC2_SYNC			
14		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
15		L2? P_PDUs CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
16		+PTC2_SYNC			
17		?TIMEOUT TAC		( I )	
18		+PTC2_SYNC			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309011 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/CGB/ <b>Purpose</b> : Ensure that the SUT in state N9, having sent the ACM message, on receipt of a CGB message with the Circuit group supervision message type set to "hardware failure oriented", sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N09_1_ACM			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R4(0,CREF,31))	(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_N09_2_ACM			
18		+PTC2_SYNC			
19		L2!P_PDUr START TAC	TrR(P_CGB_S(CIC_VAL))		
20		L2? P_PDUr CANCEL TAC	TrI(P_CGBA_R(CIC_VAL))		
21		+PTC2_SYNC			
22		L2!P_PDUr START TAC	TrR(P_GRS_S(CIC_VAL))		
23		L2? P_PDUr CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
24		?TIMEOUT TAC			
25		?TIMEOUT TAC		(I)	
26		+PTC2_SYNC			
27		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309012 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/CGB/ <b>Purpose</b> : Ensure that the SUT in state N7, having sent the ACM message, on receipt of a CGB message with the Circuit group supervision message type set to "hardware failure oriented", sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N07_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUR CANCEL TWAIT	Mr(DI_R4(0,CREF,31))	(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_N07_2			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_CGB_S(CIC_VAL))		
20		L2? P_PDUR CANCEL TAC	TrI(P_CGBA_R(CIC_VAL))		
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
23		L2? P_PDUR CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
24		?TIMEOUT TAC			
25		?TIMEOUT TAC		(I)	
26		+PTC2_SYNC			
27		+ PO_RR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309013 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/CGB/ <b>Purpose</b> : Ensure that the SUT in state N10, on receipt of a CGB message with the Circuit group supervision message type set to "hardware failure oriented", sends the DISCONNECT message with the cause value set to "normal, unspecified (31)" <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N10_1_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(DI_R4(0,CREF,31))	(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 START TAC	TrR(P_CGB_S(CIC_VAL))		
20		L2? P_PDUR CANCEL TAC	TrI(P_CGBA_R(CIC_VAL))		
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
23		L2? P_PDUR CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
24		?TIMEOUT TAC			
25		?TIMEOUT TAC		(I)	
26		+PTC2_SYNC			
27		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309014 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/CGB/ <b>Purpose</b> : Ensure that the SUT in state N25, on receipt of a CGB message with the Circuit group supervision message type set to "hardware failure oriented", sends the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N25_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N25_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R4(0,CREF,31))	(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_N25_2			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_CGB_S(CIC_VAL))		
20		L2? P_PDUsr CANCEL TAC	TrI(P_CGBA_R(CIC_VAL))		
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR(P_GRS_S(CIC_VAL))		
23		L2? P_PDUsr CANCEL TAC	TrI(P_GRA_R(CIC_VAL))		
24		?TIMEOUT TAC			
25		?TIMEOUT TAC		(I)	
26		+PTC2_SYNC			
27		+ PO_RR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC309015 <b>Group</b> : ISUP_DSS1/RSC_GRS_CGB/CGB/ <b>Purpose</b> : Ensure that the SUT in Idle state, on receipt of a CGB message with the Circuit group supervision message type set to "hardware failure oriented", does not send the DISCONNECT message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.9, ETS 300 403-1 [1] subclause 5.2.5, Q.764 [4] subclause 2.9.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TNOAC			
10		?TIMEOUT TNOAC		( P )	
11		+PTC1_SYNC_1			
		PTC2_IN			
12		ACTIVATE(OtherwiseFail_2)			
13		+PTC2_SYNC			
14		L2!P_PDUs START TAC	TrR(P_CGB_S(CIC_VAL))		
15		L2? P_PDUR CANCEL TAC	TrI(P_CGBA_R(CIC_VAL))		
16		+PTC2_SYNC			
17		?TIMEOUT TAC		( I )	
18		+PTC2_SYNC			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC312001 <b>Group</b> : ISUP_DSS1/REL_BE/ <b>Purpose</b> : Ensure that the SUT in state N6, having sent the SETUP message, at expire of timer T303 without response to the SETUP message sends a REL message with the cause parameter set to "no user responding (18)" and a DISCONNECT message with the cause information element set to "recovery on timer expiry (102)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.11 Table 91, ETS 300 403-1 [1], subclauses 5.2, Q.764 [4] subclause 2.4.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R_BASE)		(1)
11		START T303MIN, START T303MAX			
12		?TIMEOUT T303MIN			
13		L1?PDUr CANCEL T303MAX	Mr(DI_R4(0,CREF,102))	(P)	
14		+PTC1_SYNC_1			
15		+PO_SR_1(1)			
16		?TIMEOUT T303MAX		(F)	no response
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	no response
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PR_N06_2			
23		+PTC2_SYNC			
24		START TWAIT			
25		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R3 (PXP_CIC_S,18))	(P)	
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
28		?TIMEOUT TWAIT		(I)	
29		+PTC1_SYNC_1			
30		+PO_SR_2			
<b>Detailed Comments</b> : (1) Repeated SETUP message					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC312002 <b>Group</b> : ISUP_DSS1/REL_BE/ <b>Purpose</b> : Ensure that the SUT in state N6, having sent the SETUP message via the broadcast data link, at expire of timer T303 without response to the SETUP message, sends a REL message with the cause parameter set to "no user responding (18)" and does not send any message on the ISDN side. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.11 Table 91, ETS 300 403-1 [1], subclauses 5.2, Q.764 [4] subclause 2.4.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R_BASE)		(1)
11		START T303MIN, START T303MAX			
12		?TIMEOUT T303MIN			
13		?TIMEOUT T303MAX		(P)	no response
14		+PTC1_SYNC_1			
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		?TIMEOUT TWAIT		(I)	no response
17		+PTC1_SYNC_1			
		PTC2_IN			
18		ACTIVATE(OtherwiseFail_2)			
19		+PR_N06_2			
20		+PTC2_SYNC			
21		START TWAIT			
22		L2?P_PDUr CANCEL TWAIT	TrI (P_REL_R3 (PXP_CIC_S,18))	(P)	
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
25		?TIMEOUT TWAIT		(I)	
26		+PTC1_SYNC_1			
27		+PO_SR_2			
<b>Detailed Comments</b> : (1) Repeated SETUP message					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC312003 <b>Group</b> : ISUP_DSS1/REL_BE/ <b>Purpose</b> : Ensure that the SUT in state N9, having received the CALL PROCEEDING message, at expire of timer T310 without response to the CALL PROCEEDING message (no ALERTING, CONNECT, or DISCONNECT message) sends a REL message with the cause parameter set to "no user responding (18)" and a DISCONNECT message with the cause information element set to "recovery on timer expiry (102)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.11 Table 91, ETS 300 403-1 [1], subclauses 5.2, Q.764 [4] subclause 2.4.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC_T310			
5		?DONE(PTC1, PTC2)			
6		MTC_SYNC_T310			
7		START T301MAX			
8		CPA1?CP_M CANCEL T310MAX, START TAC	RDY		
9		CPA2?CP_M CANCEL TAC	RDY		
10		CPA1!CP_M	RDY		
11		CPA2!CP_M	RDY		
12		?TIMEOUT TAC		(F)	
13		CPA1!CP_M	STOP_PTC		
14		CPA2!CP_M	STOP_PTC		
15		CPA2?CP_M CANCEL T310MAX, START TAC	RDY		
16		CPA1?CP_M CANCEL TAC	RDY		
17		CPA1!CP_M	RDY		
18		CPA2!CP_M	RDY		
19		?TIMEOUT TAC		(F)	
20		CPA1!CP_M	STOP_PTC		
21		CPA2!CP_M	STOP_PTC		
22		?TIMEOUT T310MAX		(F)	
23		CPA1!CP_M	STOP_PTC		
24		CPA2!CP_M	STOP_PTC		
25		PTC1_OUT			
26		ACTIVATE(OtherwiseFail_1(1))			
27		+PR_N09_1_ACM			
28		+PTC1_SYNC_1			
29		START T310MIN, START T310MAX			
30		?TIMEOUT T310MIN			
31		L1?PDUR CANCEL T310MAX	Mr(DI_R4(0,CREF,102))	(P)	
32		+PTC1_SYNC_1			
33		+PO_SR_1(1)			
34		?TIMEOUT T310MAX		(F)	no response
35		+PTC1_SYNC_1			
36		+PO_SR_1(1)			
37		PTC2_IN			
38		ACTIVATE(OtherwiseFail_2)			
39		+PR_N09_2_ACM			
40		+PTC2_SYNC			
41		START T310MAX			
42		L2?P_PDUR CANCEL T310MAX	TrI (P_REL_R3 (PXP_CIC_S,18))	(P)	
43		+PTC2_SYNC			
44		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
42		?TIMEOUT T310MAX		( I )	
43		+PTC1_SYNC_1			
44		+PO_SR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC312004 <b>Group</b> : ISUP_DSS1/REL_BE/ <b>Purpose</b> : Ensure that the SUT in state N9 in broadcast data link, having received the CALL PROCEEDING message, at expire of timer T310 without response to the CALL PROCEEDING message (no ALERTING, CONNECT, or DISCONNECT message) sends a REL message with the cause parameter set to "no user responding (18)" and a RELEASE message with the cause information element set to "recovery on timer expiry (102)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.11 Table 91, ETS 300 403-1 [1], subclauses 5.2, Q.764 [4] subclause 2.4.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N09_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC_T310			
5		?DONE(PTC1, PTC2)			
6		MTC_SYNC_T310			
7		START T301MAX			
8		CPA1?CP_M CANCEL T310MAX, START TAC	RDY		
9		CPA2?CP_M CANCEL TAC	RDY		
10		CPA1!CP_M	RDY		
11		CPA2!CP_M	RDY		
12		?TIMEOUT TAC		(F)	
13		CPA1!CP_M	STOP_PTC		
14		CPA2!CP_M	STOP_PTC		
15		CPA2?CP_M CANCEL T310MAX, START TAC	RDY		
16		CPA1?CP_M CANCEL TAC	RDY		
17		CPA1!CP_M	RDY		
18		CPA2!CP_M	RDY		
19		?TIMEOUT TAC		(F)	
20		CPA1!CP_M	STOP_PTC		
21		CPA2!CP_M	STOP_PTC		
22		?TIMEOUT T310MAX		(F)	
23		CPA1!CP_M	STOP_PTC		
24		CPA2!CP_M	STOP_PTC		
25		PTC1_OUT			
26		ACTIVATE(OtherwiseFail_1(1))			
27		+PR_N00_1			
28		CPA1!CP_M	RDY		
29		+N09_1_BCST_ACM			
30		+PTC1_SYNC_1			
31		START T310MIN, START T310MAX			
32		?TIMEOUT T310MIN			
33		L1?PDUr CANCEL T310MAX	Mr(RL_R3(0,CREF,102))	(P)	
34		+PTC1_SYNC_1			
35		L1!PDUs	Ms(RC_S1(1,CREF))		
36		?TIMEOUT T310MAX		(F)	no response
37		+PTC1_SYNC_1			
38		+PO_RR_1(1)			
39		PTC2_IN			
40		ACTIVATE(OtherwiseFail_2)			
41		+PR_N09_2_ACM			
42		+PTC2_SYNC			
43		START T310MAX			
44		L2?P_PDUr CANCEL T310MAX	TrI (P_REL_R3 (PXP_CIC_S,18))	(P)	

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
42		+PTC2_SYNC	TrR( P_RLC_S( PXP_CIC_S ) )	( I )	
43		L2!P_PDUs			
44		?TIMEOUT T310MAX			
45		+PTC1_SYNC_1			
46		+PO_SR_2	SBr( SU_R1 )		
		N09_1_BCST_ACM			
47		START TWAIT			
48		L1?SETUP_BROADCASTr ( CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r ) CANCEL TWAIT			
49		CPA1!CP_M	RDY	( I )	CP without any Progress Indicator no response postamble NO
50		L1!PDUs	Ms( CP_S1( 1, CREF ) )		
51		?TIMEOUT TWAIT			
52		+PO_SR_1( 1 )			
Detailed Comments :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC312005 <b>Group</b> : ISUP_DSS1/REL_BE/ <b>Purpose</b> : Ensure that the SUT in state N7, having received the ALERTING message, at expire of timer T301 without response to the ALERTING message (no CONNECT or DISCONNECT message) sends a REL message with the cause parameter set to "user alerting, no answer (19)" and a DISCONNECT message with the cause information element set to "recovery on timer expiry (102)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.11 Table 91, ETS 300 403-1 [1], subclauses 5.2, Q.764 [4] subclause 2.4.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC_T301			
5		?DONE(PTC1, PTC2)			
6		MTC_SYNC_T301			
7		START T301MAX			
8		CPA1?CP_M CANCEL T301MAX, START TAC	RDY		
9		CPA2?CP_M CANCEL TAC	RDY		
10		CPA1!CP_M	RDY		
11		CPA2!CP_M	RDY		
12		?TIMEOUT TAC		(F)	
13		CPA1!CP_M	STOP_PTC		
14		CPA2!CP_M	STOP_PTC		
15		CPA2?CP_M CANCEL T301MAX, START TAC	RDY		
16		CPA1?CP_M CANCEL TAC	RDY		
17		CPA1!CP_M	RDY		
18		CPA2!CP_M	RDY		
19		?TIMEOUT TAC		(F)	
20		CPA1!CP_M	STOP_PTC		
21		CPA2!CP_M	STOP_PTC		
22		?TIMEOUT T301MAX		(F)	
23		CPA1!CP_M	STOP_PTC		
24		CPA2!CP_M	STOP_PTC		
25		PTC1_OUT			
26		ACTIVATE(OtherwiseFail_1(1))			
27		+PR_N07_1			
28		+PTC1_SYNC_1			
29		START T301MIN, START T301MAX			
30		?TIMEOUT T301MIN			
31		L1?PDUR CANCEL T301MAX	Mr(DI_R4(0,CREF,102))	(P)	
32		+PTC1_SYNC_1			
33		+PO_SR_1(1)			
34		?TIMEOUT T301MAX		(F)	no response
35		+PTC1_SYNC_1			
36		+PO_RR_1(1)			
37		PTC2_IN			
38		ACTIVATE(OtherwiseFail_2)			
39		+PR_N07_2			
40		+PTC2_SYNC			
41		START T301MAX			
42		L2?P_PDUr CANCEL T301MAX	TrI (P_REL_R3 (PXP_CIC_S,19))	(P)	
43		+PTC2_SYNC			
44		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
42		?TIMEOUT T301MAX		( I )	CHANGE /14/ TJS
43		+PTC2_SYNC			
44		+PO_SR_2			
Detailed Comments :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC312006 <b>Group</b> : ISUP_DSS1/REL_BE/ <b>Purpose</b> : Ensure that the SUT in state N7, having received the ALERTING message, at expire of timer T301 without response to the ALERTING message (no CONNECT or DISCONNECT message) sends a REL message with the cause parameter set to "user alerting, no answer (19)" and a RELEASE message with the cause information element set to "recovery on timer expiry (102)". <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.11 Table 91, ETS 300 403-1 [1], subclauses 5.2, Q.764 [4] subclause 2.4.3					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N07_MTC			
3		+MTC_SYNC			
4		+MTC_SYNC_T301			
5		?DONE(PTC1, PTC2)			
6		MTC_SYNC_T301			
7		START T301MAX			
8		CPA1?CP_M CANCEL T301MAX, START TAC	RDY		
9		CPA2?CP_M CANCEL TAC	RDY		
10		CPA1!CP_M	RDY		
11		CPA2!CP_M	RDY		
12		?TIMEOUT TAC		(F)	
13		CPA1!CP_M	STOP_PTC		
14		CPA2!CP_M	STOP_PTC		
15		CPA2?CP_M CANCEL T301MAX, START TAC	RDY		
16		CPA1?CP_M CANCEL TAC	RDY		
17		CPA1!CP_M	RDY		
18		CPA2!CP_M	RDY		
19		?TIMEOUT TAC		(F)	
20		CPA1!CP_M	STOP_PTC		
21		CPA2!CP_M	STOP_PTC		
22		?TIMEOUT T301MAX		(F)	
23		CPA1!CP_M	STOP_PTC		
24		CPA2!CP_M	STOP_PTC		
25		PTC1_OUT			
26		ACTIVATE(OtherwiseFail_1(1))			
27		+N07_1_BCAST			
28		+PTC1_SYNC_1			
29		START T301MIN, START T301MAX			
30		?TIMEOUT T301MIN			
31		L1?PDUR CANCEL T301MAX	Mr(RL_R3(0,CREF,102))	(P)	
32		+PTC1_SYNC_1			
33		L1!PDUs	Ms(RC_S1(1,CREF))		
34		?TIMEOUT T310MIN		(F)	no response
35		+PTC1_SYNC_1			
36		+PO_RR_1(1)			
37		PTC2_IN			
38		ACTIVATE(OtherwiseFail_2)			
39		+PR_N07_2			
40		+PTC2_SYNC			
41		START T301MAX			
42		L2?P_PDUR CANCEL T301MAX	TrI (P_REL_R3 (PXP_CIC_S,19))	(P)	
43		+PTC2_SYNC			
44		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
42		?TIMEOUT T301MAX		( I )	
43		+PTCl_SYNC_1			
44		+PO_SR_2			
		N07_1_BCAST			
45		+PR_N00_1			
46		CPA1!CP_M START TWAIT	RDY		
47		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r)	SBr (SU_R1)		
		CANCEL TWAIT			
48		L1!PDUs	Ms (ALT_S1(1,CREF))		
49		?TIMEOUT TWAIT		( I )	no response
50		+PO_SR_1(1)			postamble N0
Detailed Comments :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313101 <b>Group</b> : ISUP_DSS1/RLC/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM where the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN", sends out a SETUP message and on receipt of the RLC message sends a DISCONNECT and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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		+MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
12		+PTC1_SYNC_1			
13		START TWAIT			
14		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
15		+PTC1_SYNC_1			
16		+PO_SR_1(1)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR(P_IAM_S6('1'B,'1'B))		
25		+PTC2_SYNC			
26		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
27		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
30		?TIMEOUT TAC		(I)	
31		+PTC1_SYNC_1			
32		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313102 <b>Group</b> : ISUP_DSS1/RLC/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM where the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN", sends out a SETUP message, receives a SETUP ACKNOWLEDGE message and on receipt of a REL message, sends a DISCONNECT and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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		+MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
12		L1!PDUs	Ms(SUA_S1(1,CREF))		
13		+PTC1_SYNC_1			
14		START TWAIT			
15		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
16		+PTC1_SYNC_1			
17		+PO_SR_1(1)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
20		+PO_SR_1(1)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2)			
24		+PTC2_SYNC			
25		L2!P_PDUs	TrR(P_IAM_S6('1'B,'1'B))		
26		+PTC2_SYNC			
27		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
28		L2?P_PDUr CANCEL TAC	TrI (P_REL_R (PXP_CIC_S))	(P)	
29		+PTC2_SYNC			
30		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
31		?TIMEOUT TAC		(I)	
32		+PTC1_SYNC_1			
33		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313103 <b>Group</b> : ISUP_DSS1/RLC/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, and on receipt of a SAM message followed by a RLC message sends a INFORMATION message followed by a DISCONNECT and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
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		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
12		L1!PDUs START TWAIT	Ms(SUA_S1(1,CREF))		
13		L1?PDUr CANCEL TWAIT	Mr(IN_R(0,CREF))		
14		+PTC1_SYNC_1			
15		START TWAIT			
16		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+ PO_SR_1(1)			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+ PO_SR_1(1)			
25		?TIMEOUT TWAIT		(I)	
26		+PTC1_SYNC_1			
		PTC2_IN			
27		ACTIVATE(OtherwiseFail_2)			
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR (P_IAM_S1)		
30		L2!P_PDUs	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL2_S, PXP_SNbV_OVERL2_S))		
31		+PTC2_SYNC			
32		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
33		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
34		+PTC2_SYNC			
35		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
36		?TIMEOUT TAC		(I)	
37		+PTC2_SYNC			
38		+PO_SR_2			
<b>Detailed Comments</b> :					



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313104 <b>Group</b> : ISUP_DSS1/RLC/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a RLC message sends a DISCONNECT and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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		+MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
12		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
13		+PTC1_SYNC_1			
14		START TWAIT			
15		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
16		+PTC1_SYNC_1			
17		+PO_SR_1(1)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
20		+PO_SR_1(1)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2)			
24		+PTC2_SYNC			
25		L2!P_PDUs START TAC	TrR (P_IAM_S)		
26		L2?P_PDUr CANCEL TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B) )		
27		+PTC2_SYNC			
28		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
29		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
30		+PTC2_SYNC			
31		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_RR_2			
35		?TIMEOUT TAC		(I)	
36		+PTC2_SYNC			
37		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313105 <b>Group</b> : ISUP_DSS1/RLC/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a progress indicator where the progress description value is set to PI_VALUE, remains in state N9, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG and on receipt of a RLC message sends a DISCONNECT and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT, START TWAIT	Sr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TWAIT	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
14		+PTC1_SYNC_1			
15		+PO_SR_1(1)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
25		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
26		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
27		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
30		?TIMEOUT TAC		(I)	
31		+PTC2_SYNC			
32		+PO_RR_2			
33		?TIMEOUT TAC		(I)	
34		+PTC2_SYNC			
35		+PO_RR_2			
36		?TIMEOUT TAC		(I)	
37		+PTC2_SYNC			
38		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313106 <b>Group</b> : ISUP_DSS1/RLC/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by an ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a RLC sends a DISCONNECT and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT, START TWAIT	Sr(SU_R1)		
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
13		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
14		+PTC1_SYNC_1			
15		+PO_SR_1(1)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R(PXP_CIC_S))		
25		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
26		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
29		?TIMEOUT TAC		(I)	
30		+PTC2_SYNC			
31		+PO_RR_2			
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313107 <b>Group</b> : ISUP_DSS1/RLC/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to alerting and on receipt of a RLC message, sends a DISCONNECT and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT, START TWAIT	Sr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
13		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
14		+PTC1_SYNC_1			
15		+PO_SR_1(1)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B) )		
25		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
26		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
27		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
30		?TIMEOUT TAC		(I)	
31		+PTC2_SYNC			
32		+PO_RR_2			
33		?TIMEOUT TAC		(I)	
34		+PTC2_SYNC			
35		+PO_RR_2			
36		?TIMEOUT TAC		(I)	
37		+PTC2_SYNC			
38		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313108 <b>Group</b> : ISUP_DSS1/RLC/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a progress indicator where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to progress, and on receipt of a ALERTING Message goes to state N7, sends out a CPG message where the Event indicator is set to alerting and on receipt of a RLC message sends a DISCONNECT and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT, START TWAIT	Sr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
14		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
15		+PTC1_SYNC_1			
16		+PO_SR_1(1)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
27		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
28		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
29		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
30		+PTC2_SYNC			
31		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_RR_2			
35		?TIMEOUT TAC		(I)	
36		+PTC2_SYNC			
37		+PO_RR_2			
38		?TIMEOUT TAC		(I)	
39		+PTC2_SYNC			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
40		+PO_SR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313109 <b>Group</b> : ISUP_DSS1/RLC/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to progress, and on receipt of a RLC message sends a DISCONNECT and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT, START TWAIT	Sr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs START TWAIT	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD_NOT8))		
14		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
15		+PTC1_SYNC_1			
16		+PO_SR_1(1)			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR(P_IAM_S6('1'B,'1'B))		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
27		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
28		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
29		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
30		+PTC2_SYNC			
31		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_RR_2			
35		?TIMEOUT TAC		(I)	
36		+PTC2_SYNC			
37		+PO_RR_2			
38		?TIMEOUT TAC		(I)	
39		+PTC2_SYNC			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
40		+PO_SR_2			
<b>Detailed Comments :</b>					



## Test Case Dynamic Behaviour

**Test Case Name** : TC313110

**Group** : ISUP\_DSS1/RLC/T\_Reference\_Point/

**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" receives a CONNECT message, sends out an ANM message and on receipt of a RLC message sends a DISCONNECT and a REL message.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** : Q.764 [4] subclause 2.9.5.1  
ETS 300 403-1 [1] subclause 5.2.5.3

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT, START TWAIT	Sr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TWAIT	Ms(CN_S(1,CREF))		
13		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
14		+PTC1_SYNC_1			
15		+PO_SR_1(1)			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR(P_IAM_S6('1'B,'1'B))		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
25		L2?P_PDUr CANCEL TAC	TrI (P_ANM_R(PXP_CIC_S))		
26		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
27		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
30		?TIMEOUT TAC		(I)	
31		+PTC2_SYNC			
32		+PO_RR_2			
33		?TIMEOUT TAC		(I)	
34		+PTC2_SYNC			
35		+PO_RR_2			
36		?TIMEOUT TAC		(I)	
37		+PTC2_SYNC			
38		+PO_SR_2			

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC313111  
**Group** : ISUP\_DSS1/RLC/T\_Reference\_Point/  
**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CONNECT message, sends out an CON message and on receipt of a RLC message sends a DISCONNECT and a REL message  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.764 [4] subclause 2.9.5.1  
ETS 300 403-1 [1] subclause 5.2.5.3

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	Sr(SU_R1)		
11		L1!PDUs START TWAIT	Ms(CN_S(1,CREF))		
12		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
13		+PTC1_SYNC_1			
14		+PO_SR_1(1)			
15		?TIMEOUT TWAIT		(I)	
16		+PTC1_SYNC_1			
17		+PO_SR_1(1)			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
		PTC2_IN			
20		ACTIVATE(OtherwiseFail_2)			
21		+PTC2_SYNC			
22		L2!P_PDUs START TAC	TrR(P_IAM_S)		
23		L2?P_PDUr CANCEL TAC	TrI (P_CON_R(PXP_CIC_S))		
24		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
25		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
26		+PTC2_SYNC			
27		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
28		?TIMEOUT TAC		(I)	
29		+PTC2_SYNC			
30		+PO_RR_2			
31		?TIMEOUT TAC		(I)	
32		+PTC2_SYNC			
33		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313112 <b>Group</b> : ISUP_DSS1/RLC/T_Reference_Point/ <b>Purpose</b> : Ensure that the SUT in state N6, having sent automatically the ACM message, on receipt of the RLC message, sends a DISCONNECT and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.699 [3] subclause 3.1.1.8, ETS 300 403-1 [1] subclause 5.2.5.3, Q.764 [4] subclause 2.2					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN)			
2		+PR_N06_MTC_ACM_AUTO			
3		+ MTC_SYNC			
4		+ MTC_SYNC			
5		?DONE(PTC1, PTC2)			
		PTC1_OUT			
6		ACTIVATE(OtherwiseFail_1(1))			
7		+PR_N06_1_ACM_AUTO			
8		+PTC1_SYNC			
9		START TWAIT			
10		L1?PDUr CANCEL TWAIT	Mr(DI_R1(0,CREF))	(P)	
11		+PTC1_SYNC			
12		+PO_SR_1(1)			
13		?TIMEOUT TWAIT		(I)	
14		+PTC1_SYNC			
15		+ PO_RR_1(1)			
		PTC2_IN			
16		ACTIVATE(OtherwiseFail_2)			
17		+PR_N06_2_ACM_AUTO			
18		+PTC2_SYNC			
19		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
20		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
21		+PTC2_SYNC			
22		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
23		?TIMEOUT TAC		(I)	
24		+PTC2_SYNC			
25		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC313201  
**Group** : ISUP\_DSS1/RLC/Coincident\_ST\_Reference\_Point/  
**Purpose** : Ensure that the SUT after receiving the IAM where the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN", sends out a SETUP message and on receipt of the RLC message, sends a RELEASE and a REL message  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.764 [4] subclause 2.9.5.1  
ETS 300 403-1 [1] subclause 5.2.5.3

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		+MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
12		+PTC1_SYNC_1			
13		START TWAIT			
14		L1?PDUr CANCEL TWAIT	Mr(RL_R1(0,CREF))	(P)	
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs	TrR(P_IAM_S6('1'B,'1'B))		
25		+PTC2_SYNC			
26		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
27		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
30		?TIMEOUT TAC		(I)	
31		+PTC1_SYNC_1			
32		+PO_SR_2			

**Detailed Comments** :

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313202 <b>Group</b> : ISUP_DSS1/RLC/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM where the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN", sends out a SETUP message, receives a SETUP ACKNOWLEDGE message and on receipt of a REL message, sends a RELEASE and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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		+MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
12		L1!PDUs	Ms(SUA_S1(1,CREF))		
13		+PTC1_SYNC_1			
14		START TWAIT			
15		L1?PDUr CANCEL TWAIT	Mr(RL_R1(0,CREF))	(P)	
16		L1!PDUs	Ms(RC_S1(1,CREF))		
17		+PTC1_SYNC_1			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
20		+PO_SR_1(1)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2)			
24		+PTC2_SYNC			
25		L2!P_PDUs	TrR(P_IAM_S6('1'B,'1'B))		
26		+PTC2_SYNC			
27		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
28		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
29		+PTC2_SYNC			
30		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
31		?TIMEOUT TAC		(I)	
32		+PTC1_SYNC_1			
33		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313203 <b>Group</b> : ISUP_DSS1/RLC/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, and on receipt of a SAM message followed by a RLC message, sends a INFORMATION message followed by a RELEASE and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
12		L1!PDUs START TWAIT	Ms(SUA_S1(1,CREF))		
13		L1!PDUr CANCEL TWAIT	Mr(IN_R(0,CREF))		
14		+PTC1_SYNC_1			
15		START TWAIT			
16		L1?PDUr CANCEL TWAIT	Mr(RL_R1(0,CREF))	(P)	
17		L1!PDUs	Ms(RC_S1(1,CREF))		
18		+PTC1_SYNC_1			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
21		+ PO_SR_1(1)			
22		?TIMEOUT TWAIT		(I)	
23		+PTC1_SYNC_1			
24		+ PO_SR_1(1)			
25		?TIMEOUT TWAIT		(I)	
26		+PTC1_SYNC_1			
		PTC2_IN			
27		ACTIVATE(OtherwiseFail_2)			
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR (P_IAM_S1)		
30		L2!P_PDUs	TrR (P_SAM_S(PXP_CIC_S, PXP_SNbL_OVERL2_S, PXP_SNbV_OVERL2_S))		
31		+PTC2_SYNC			
32		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
33		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
34		+PTC2_SYNC			
35		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
36		?TIMEOUT TAC		(I)	
37		+PTC2_SYNC			
38		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313204 <b>Group</b> : ISUP_DSS1/RLC/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a RLC message sends a RELEASE and a REL message <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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		+MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT			
7		ACTIVATE(OtherwiseFail_1(1))			
8		+PR_N00_1			
9		+PTC1_SYNC_1			
10		START TWAIT			
11		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
12		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
13		+PTC1_SYNC_1			
14		START TWAIT			
15		L1?PDUr CANCEL TWAIT	Mr(RL_R1(0,CREF))	(P)	
16		L1!PDUs	Ms(RC_S1(1,CREF))		
17		+PTC1_SYNC_1			
18		?TIMEOUT TWAIT		(I)	
19		+PTC1_SYNC_1			
20		+PO_SR_1(1)			
21		?TIMEOUT TWAIT		(I)	
22		+PTC1_SYNC_1			
		PTC2_IN			
23		ACTIVATE(OtherwiseFail_2)			
24		+PTC2_SYNC			
25		L2!P_PDUs START TAC	TrR (P_IAM_S)		
26		L2?P_PDUr CANCEL TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B) )		
27		+PTC2_SYNC			
28		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
29		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
30		+PTC2_SYNC			
31		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_RR_2			
35		?TIMEOUT TAC		(I)	
36		+PTC2_SYNC			
37		+PO_SR_2			
<b>Detailed Comments</b> :					

## Test Case Dynamic Behaviour

**Test Case Name** : TC313205  
**Group** : ISUP\_DSS1/RLC/Coincident\_ST\_Reference\_Point/  
**Purpose** : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a progress indicator where the progress description value is set to PI\_VALUE, remains in state N9, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG and on receipt of a RLC message sends a RELEASE and a REL message.  
**Configuration** : CONFIG1  
**Default** : OtherwiseFail  
**Comments** : Q.764 [4] subclause 2.9.5.1  
ETS 300 403-1 [1] subclause 5.2.5.3

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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TWAIT	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1?PDUr CANCEL TWAIT	Mr(RL_R1(0,CREF))	(P)	
14		L1!PDUs	Ms(RC_S1(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
25		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
26		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
27		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
30		?TIMEOUT TAC		(I)	
31		+PTC2_SYNC			
32		+PO_RR_2			
33		?TIMEOUT TAC		(I)	
34		+PTC2_SYNC			
35		+PO_RR_2			
36		?TIMEOUT TAC		(I)	
37		+PTC2_SYNC			
38		+PO_SR_2			

**Detailed Comments** :



Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313206 <b>Group</b> : ISUP_DSS1/RLC/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a RLC sends a RELEASE and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(SUA_S1(1,CREF))		
12		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
13		L1?PDUr CANCEL TWAIT	Mr(RL_R1(0,CREF))	(P)	
14		L1!PDUs	Ms(RC_S1(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC	TrI(P_ACM_R(PXP_CIC_S))		
25		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
26		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
27		+PTC2_SYNC			
28		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
29		?TIMEOUT TAC		(I)	
30		+PTC2_SYNC			
31		+PO_RR_2			
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313207 <b>Group</b> : ISUP_DSS1/RLC/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to alerting and on receipt of a RLC message, sends a RELEASE and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
13		L1?PDUr CANCEL TWAIT	Mr(RL_R1(0,CREF))	(P)	
14		L1!PDUs	Ms(RC_S1(1,CREF))		
15		+PTC1_SYNC_1			
16		?TIMEOUT TWAIT		(I)	
17		+PTC1_SYNC_1			
18		+PO_SR_1(1)			
19		?TIMEOUT TWAIT		(I)	
20		+PTC1_SYNC_1			
		PTC2_IN			
21		ACTIVATE(OtherwiseFail_2)			
22		+PTC2_SYNC			
23		L2!P_PDUs START TAC	TrR (P_IAM_S)		
24		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B) )		
25		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
26		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
27		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
28		+PTC2_SYNC			
29		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
30		?TIMEOUT TAC		(I)	
31		+PTC2_SYNC			
32		+PO_RR_2			
33		?TIMEOUT TAC		(I)	
34		+PTC2_SYNC			
35		+PO_RR_2			
36		?TIMEOUT TAC		(I)	
37		+PTC2_SYNC			
38		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313208 <b>Group</b> : ISUP_DSS1/RLC/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a progress indicator where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to progress, and on receipt of a ALERTING Message goes to state N7, sends out a CPG message where the Event indicator is set to alerting and on receipt of a RLC message sends a RELEASE and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
13		L1!PDUs START TWAIT	Ms(ALT_S1(1,CREF))		
14		L1?PDUr CANCEL TWAIT	Mr(RL_R1(0,CREF))	(P)	
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR (P_IAM_S)		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
27		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
28		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
29		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
30		+PTC2_SYNC			
31		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_RR_2			
35		?TIMEOUT TAC		(I)	
36		+PTC2_SYNC			
37		+PO_RR_2			
38		?TIMEOUT TAC		(I)	
39		+PTC2_SYNC			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
40		+PO_SR_2			
<b>Detailed Comments :</b>					

Test Case Dynamic Behaviour					
<b>Test Case Name</b> : TC313209 <b>Group</b> : ISUP_DSS1/RLC/Coincident_ST_Reference_Point/ <b>Purpose</b> : Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the Event indicator is set to alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the Event indicator is set to progress, and on receipt of a RLC message sends a RELEASE and a REL message. <b>Configuration</b> : CONFIG1 <b>Default</b> : OtherwiseFail <b>Comments</b> : Q.764 [4] subclause 2.9.5.1 ETS 300 403-1 [1] subclause 5.2.5.3					
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(1))			
7		+PR_N00_1			
8		+PTC1_SYNC_1			
9		START TWAIT			
10		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT	SBr(SU_R1)		
11		L1!PDUs	Ms(CP_S2(1,CREF,'0000'B,1))		
12		L1!PDUs	Ms(ALT_S1(1,CREF))		
13		L1!PDUs START TWAIT	Ms(PG_S1(1,CREF,PX_PI_LOC,PX_PI_PD))		
14		L1?PDUr CANCEL TWAIT	Mr(RL_R1(0,CREF))	(P)	
15		L1!PDUs	Ms(RC_S1(1,CREF))		
16		+PTC1_SYNC_1			
17		?TIMEOUT TWAIT		(I)	
18		+PTC1_SYNC_1			
19		+PO_SR_1(1)			
20		?TIMEOUT TWAIT		(I)	
21		+PTC1_SYNC_1			
		PTC2_IN			
22		ACTIVATE(OtherwiseFail_2)			
23		+PTC2_SYNC			
24		L2!P_PDUs START TAC	TrR(P_IAM_S6('1'B,'1'B))		
25		L2?P_PDUr CANCEL TAC, START TAC	TrI(P_ACM_R9(PXP_CIC_S,'00'B))		
26		L2?P_PDUr CANCEL TAC, START TAC	TrI (P_CPG_R1(PXP_CIC_S,1))		
27		L2?P_PDUr CANCEL TAC	TrI (P_CPG_R1(PXP_CIC_S,2))		
28		L2!P_PDUs START TAC	TrR(P_RLC_S(PXP_CIC_S))		
29		L2?P_PDUr CANCEL TAC	TrI(P_REL_R(PXP_CIC_S))	(P)	
30		+PTC2_SYNC			
31		L2!P_PDUs	TrR(P_RLC_S(PXP_CIC_S))		
32		?TIMEOUT TAC		(I)	
33		+PTC2_SYNC			
34		+PO_RR_2			
35		?TIMEOUT TAC		(I)	
36		+PTC2_SYNC			
37		+PO_RR_2			
38		?TIMEOUT TAC		(I)	
39		+PTC2_SYNC			

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Test Case Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
40		+PO_SR_2			
<b>Detailed Comments :</b>					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N00_1 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the ISDN Null call state N00. <b>Default</b> : OtherwiseFail <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1	L1	[NOT PX_L2_INIT]			
2		[PX_L2_INIT]			
3		+INIT_VARIABLES			(1)
4		L1!DL_REL_RQ START TAC			(2)
5		L1?DL_REL_CO CANCEL TAC		(P)	(3)
6		L1!DL_EST_RQ START TAC			(4)
7		L1?DL_EST_CO CANCEL TAC		(P)	(5)
8		+WAIT_RESTART			(6)
9		L1?DL_REL_IN START TNOAC			(7)
10		L1?DL_EST_IN CANCEL TAC , CANCEL TNOAC		(P)	(8)
11		+WAIT_RESTART			(6)
12		?TIMEOUT TNOAC			
13		L1!DL_EST_RQ			(4)
14		GOTO L1			
15		L1?OTHERWISE		I	
16		L1?DL_EST_IN CANCEL TAC , START TNOAC			(8)
17		L1?DL_EST_CO CANCEL TNOAC		(P)	(9)
18		+WAIT_RESTART			
19		?TIMEOUT TNOAC		I	no response
20		L1?OTHERWISE		I	(10)
21		?TIMEOUT TAC		I	no response
22		L1?OTHERWISE		I	(10)
23		?TIMEOUT TAC		I	no response
24		L1?OTHERWISE		I	(10)
25	LR	INIT_VARIABLES			
26		[PC_BASIC] (CREF:='0000001'B, GLOB_CREF:='0000000'B, B_CHN:=INT_TO_BIT(PX_CH_NUM,2))			Basic access
27		[NOT PC_BASIC]			
28		(CREF:='0000000000000001'B, GLOB_CREF:='0000000000000000'B, B_CHN:=INT_TO_BIT(PX_CH_NUM,7))			Primary rate access
29		WAIT_RESTART			
30		[PX_WAIT_RESTART] START T_RESTART			
31		L1?RESTARTr CANCEL T_RESTART	RSr(RST_R2(0,GLOB_CREF,6))		Single interface
32		L1!PDUs	Ms(RSA_S2(1,GLOB_CREF,6))		
33		GOTO LR			
34		L1?RESTARTr [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) CANCEL T_RESTART	RSr(RST_R1(0,GLOB_CREF,0))		Indicated channels
35		L1!PDUs	Ms(RSA_S1(1,GLOB_CREF,B_CHN,B_CHN_RS,CHI_LENGTH,0))		
36		GOTO LR			
37		L1?RESTARTr [PC_BASIC] (B_CHN:= DL_DAT_IN_RESTART.mun.chi.chi_e3_ cs) CANCEL T_RESTART	RSr(RST_R1(0,GLOB_CREF,0))		Indicated channels
38		L1!PDUs	Ms(RSA_S1(1,GLOB_CREF,B_CHN,B_CHN_RS,CHI_LENGTH,0))		
39		GOTO LR			

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Test Step Dynamic Behaviour					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
40		?TIMEOUT T_RESTART			
41		[NOT PX_WAIT_RESTART]			
<b>Detailed Comments :</b> 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					
<b>Test Step Name :</b> PR_N02_1 <b>Group :</b> ISDN_Step/ <b>Objective :</b> Preamble to the Overlap Sending call state N02. <b>Default :</b> OtherwiseFail_1(0) <b>Comments :</b>					
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_S3(0,CREF,B_CHN,PX_LCDP N_OVERL_N21,PX_CDPN_OVERL_N21 _ND, PX_CDPN_OCTET3))		
5		L1?PDUr CANCEL TAC	Mr(SUA_R1(1,CREF))		
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
<b>Detailed Comments :</b>					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N02_1_1 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the Overlap Sending call state N02. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> : STEP with a sending SETUP containing two High Layer Capabilities					
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_S13(0,CREF,B_CHN))		
5		L1?PDUr CANCEL TAC	Mr(SUA_R1(1,CREF))		
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N02_1_2(cpa_bcap_l1, cap_bcap_v1: OCTETSTRING; cpa_bcap_l2, cap_bcap_v2: OCTETSTRING) <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the Overlap Sending call state N02. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> :					
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_S8(0,CREF,B_CHN,cpa_bcap_l1,cap_bcap_v1,cpa_bcap_l2,cap_bcap_v2))		
5		L1?PDUr CANCEL TAC	Mr(SUA_R1(1,CREF))		
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N03_1 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the call state N03. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> :					
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 CANCEL TAC	Mr(CP_R1(1,CREF))		
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N03_1_1 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the call state N03. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> : SETUP containing two High Layer Capabilities					
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_S7(0,CREF,B_CHN))		
5		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N03_1_2(cpa_bcap_l1, cap_bcap_v1, cpa_bcap_l2, cap_bcap_v2: OCTETSTRING) <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the call state N03. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> :					
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_S5(0,CREF,B_CHN,cpa_bcap_l1, cap_bcap_v1, cpa_bcap_l2, cap_bcap_v2))		
5		L1?PDUr CANCEL TAC	Mr(CP_R1(1,CREF))		
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N04_1 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the call state N04. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> :					
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 CANCEL TAC, START TWAIT	Mr(CP_R1(1,CREF))		
6		L1?PDUr CANCEL TWAIT	Mr(ALT_R(1,CREF))		
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
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N04_1_1(cpa_su_bcap_l1,cpa_su_bcap_v1, cpa_su_bcap_l2, cpa_su_bcap_v2, cpa_alt_bcap_l, cpa_alt_bcap_v: OCTETSTRING) <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the call state N04. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> :					
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_S5(0,CREF,B_CHN,cpa_su_bcap_l1,cpa_su_bcap_v1,cpa_su_bcap_l2,cpa_su_bcap_v2))		
5		L1?PDUr CANCEL TAC, START TWAIT	Mr(CP_R1(1,CREF))		
6		L1?PDUr CANCEL TWAIT	Mr(ALT_R5(1, CREF))		
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
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N04_1_2(cpa_su_bcap_l1, cpa_su_bcap_v1, cpa_su_bcap_l2, cpa_su_bcap_v2: OCTETSTRING) <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the call state N04. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> :					
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_S5(0,CREF,B_CHN,cpa_su_bcap_l1,cpa_su_bcap_v1,cpa_su_bcap_l2,cpa_su_bcap_v2))		
5		L1?PDUr CANCEL TAC, START TWAIT	Mr(CP_R1(1,CREF))		
6		L1?PDUr CANCEL TWAIT	Mr(ALT_R(1, CREF))		
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
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N04_1_3 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the call state N04. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> : Send a SETUP with two Bearer Capabilities					
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_S7(0,CREF,B_CHN))		
5		L1?PDUr CANCEL TAC, START TWAIT	Mr(CP_R1(1,CREF))		
6		L1?PDUr CANCEL TWAIT	Mr(ALT_R(1,CREF))		
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
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_1					
<b>Group</b> : ISDN_Step/					
<b>Objective</b> : Preamble to the Overlap Sending call state N06.					
<b>Default</b> : OtherwiseFail_1(1)					
<b>Comments</b> :					
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_BASE)			
4		?TIMEOUT TWAIT			
5		+PO_SR_1(1)			
<b>Detailed Comments</b> : (1) Set Up with don't care values					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_1_ACM_AUTO					
<b>Group</b> : ISDN_Step/					
<b>Objective</b> : Preamble to the Overlap Sending call state N06.					
<b>Default</b> : OtherwiseFail_1(1)					
<b>Comments</b> :					
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_BASE)			
4		?TIMEOUT TWAIT			
5		+PO_SR_1(1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N07_1					
<b>Group</b> : ISDN_Step/					
<b>Objective</b> : Preamble to the Overlap Sending call state N07.					
<b>Default</b> : OtherwiseFail_1(1)					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1	RDY  Ms(ALT_S1(1,CREF))	(I)	no response     postamble N0
2		CPA1!CP_M START TWAIT			
3		+SETUP_R(SU_R1)			
4		L1!PDUs			
5		?TIMEOUT TWAIT			
6		+PTC1_SYNC_1			
7		+PO_SR_1(1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N07_1_1(cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER)					
<b>Group</b> : ISDN_Step/					
<b>Objective</b> : Preamble to the Overlap Sending call state N07.					
<b>Default</b> : OtherwiseFail_1(1)					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1	RDY  Ms(ALT_S2(1,CREF,cpa_pi_loc,c pa_pi_pd))	(I)	no response  postamble N0
2		CPA1!CP_M START TWAIT			
3		+SETUP_R(SU_R1)			
4		L1!PDUs			
5		?TIMEOUT TWAIT			
6		+PTC1_SYNC_1			
7		+PO_SR_1(1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_1_ACM					
<b>Group</b> : ISDN_Step/					
<b>Objective</b> : Preamble to the Overlap Sending call state N09 having sent the ACM.					
<b>Default</b> : OtherwiseFail_1(1)					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1	RDY  Ms(CP_S2(1,CREF,'0000'B,2))	(I)	CP with PI:(#2) no response postamble N0
2		CPA1!CP_M			
3		START TWAIT			
4		+SETUP_R(SU_R1)			
5		L1!PDUs			
6		?TIMEOUT TWAIT			
7		+PO_SR_1(1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_1_1_ACM( <i>cpa_pi_loc</i> :BITSTRING; <i>cpa_pi_pd</i> : INTEGER)					
<b>Group</b> : ISDN_Step/					
<b>Objective</b> : Preamble to the Overlap Sending call state N09 having sent the ACM.					
<b>Default</b> : OtherwiseFail_1(1)					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1	RDY  Ms(CP_S2(1,CREF, <i>cpa_pi_loc</i> , <i>cpa_pi_pd</i> ))	(I)	CP with PI:parameter no response postamble N0
2		CPA1!CP_M			
3		START TWAIT			
4		+SETUP_R(SU_R1)			
5		L1!PDUs			
6		?TIMEOUT TWAIT			
7		+PO_SR_1(1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_1_NO_ACM					
<b>Group</b> : ISDN_Step/					
<b>Objective</b> : Preamble to the Overlap Sending call state N09 having not sent the ACM.					
<b>Default</b> : OtherwiseFail_1(1)					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_1	RDY  Ms(CP_S1(1,CREF))	(I)	CP without any Progress Indicator no response postamble N0
2		CPA1!CP_M			
3		START TWAIT			
4		+SETUP_R(SU_R1)			
5		L1!PDUs			
6		?TIMEOUT TWAIT			
7		+PO_SR_1(1)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N10_1 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the call state N010. <b>Default</b> : OtherwiseFail_1(1) <b>Comments</b> :					
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 CANCEL TAC, START TAC	Mr(CP_R1(1,CREF))		
6		L1?PDUr CANCEL TAC, 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(1)			postamble N0
10		?TIMEOUT TAC		(I)	no response
11		+PO_SR_1(1)			postamble N0
12		?TIMEOUT TAC		(I)	no response
13		+PO_SR_1(1)			postamble N0
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N10_1_1 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the Active call state N10. <b>Default</b> : OtherwiseFail_1(1) <b>Comments</b> :					
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(CP_S2(1,CREF,'0000'B,1))		
5		L1!PDUs	Ms(CN_S(1,CREF))		
6		?TIMEOUT TWAIT		(I)	no response
7		+PTC1_SYNC_1			
8		+PO_SR_1(1)			postamble N0
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N25_1 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the Overlap Sending call state N25. <b>Default</b> : OtherwiseFail_1(1) <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N06_1			
2		L1!PDUs	Ms(SUA_S1(1,CREF))		
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_BC_FALLBACK(cpa_bcap_l1, cap_bcap_v1, cpa_bcap_l2, cap_bcap_v2:OCTETSTRING) <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the Overlap Sending call state N02. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> :					
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_S8(0, CREF, B_CHN, cpa_bcap_l1, cap_bcap_v1, cpa_bcap_l2, cap_bcap_v2))		
5		L1?PDUr CANCEL TAC	Mr(SUA_R1(1, CREF))		
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_BC_FALLBACK_3(cpa_bcap_l1, cap_bcap_v1, cpa_bcap_l2, cap_bcap_v2:OCTETSTRING) <b>Group</b> : ISDN_Step/ <b>Objective</b> : Preamble to the call state N03. <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> :					
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_S5(0, CREF, B_CHN, cpa_bcap_l1, cap_bcap_v1, cpa_bcap_l2, cap_bcap_v2))		
5		L1?PDUr CANCEL TAC	Mr(CP_R1(1, CREF))		
6		?TIMEOUT TAC		(I)	no response
7		+PO_SR_1(0)			postamble N0
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PO_RR_1 (FL:INTEGER) <b>Group</b> : ISDN_Step/ <b>Objective</b> : <b>Default</b> : OtherwiseFail_1(FL) <b>Comments</b> :					
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))		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PO_SR_1(FL: INTEGER) <b>Group</b> : ISDN_Step/ <b>Objective</b> : To bring the IUT back to the Null call state N00. Send the RELEASE message. <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		L1!PDUs START TWAIT	Ms(RL_S1(FL,CREF,16))		(1)
2		L1?PDUr CANCEL TWAIT	Mr(RC_R1((FL+1)MOD 2,CREF))		(2)
3		?TIMEOUT TWAIT		(I)	no response
4		L1?OTHERWISE		(I)	(3)
<b>Detailed Comments</b> : (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					
<b>Test Step Name</b> : PTC1_SYNC_0 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Synchronise interface 1 (ISDN) with MTC (and indirectly with interface 2 (ISUP)) <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> : 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		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PTC1_SYNC_1 <b>Group</b> : ISDN_Step/ <b>Objective</b> : Synchronise interface 1 (ISDN) with MTC (and indirectly with interface 2 (ISUP)) <b>Default</b> : OtherwiseFail_1(1) <b>Comments</b> : 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		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : ENC_BC(cpa_bcap_1, cpa_bcap_v, cpa_tmr: OCTETSTRING) <b>Group</b> : ISDN_Step/ <b>Objective</b> : Ensure that the SUT in the idle state on receipt of a message containing one Bearer Capability(BC) information transfer capability and the information transfer rate, sends an IAM message with the transmission Medium Requirement(TMR) parameter set to ISUP_TMR <b>Default</b> : OtherwiseFail <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT(cpa_bcap_1, cpa_bcap_v), PTC2:PTC2_IN(cpa_tmr))			
2		+PR_N00_MTC			
3		+PTC_Ready			
4		CPA1!CP_M	S_MSG		
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT(cpa_bcap_1, cpa_bcap_v: OCTETSTRING)			
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_S4(0, CREF, B_CHN, cpa_bcap_1, cpa_bcap_v))		
12		CPA1!CP_M	S_MSG		
13		L1?PDUs CANCEL TAC	Mr(CP_R1(1, CREF))		
14		+PTC1_SYNC_0			
15		+ PO_RR_1(0)			
16		?TIMEOUT TAC			
17		+PTC1_SYNC_0			
18		+ PO_RR_1(0)			
		PTC2_IN(cpa_tmr: OCTETSTRING)			
19		ACTIVATE(OtherwiseFail_2)			
20		CPA2!CP_M START TWAIT	RDY		
21		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R2(cpa_tmr))	(P)	
22		+PTC2_SYNC			
23		+ PO_SR_2			
24		?TIMEOUT TWAIT		(I)	
25		+PTC2_SYNC			
26		+ PO_SR_2			
<b>Detailed Comments</b> : cpa_bcap_1 and cpa_bcap_v are respectively the lenght and value of the Bearer Capability					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : ENC_BC1(cpa_bcap_l, cpa_bcap_v:OCTETSTRING) <b>Group</b> : ISDN_Step/ <b>Objective</b> : Ensure that the SUT in the Idle state on receipt of a SETUP message with the firstBearer Capability information transfer capability set to BC1 and the second Bearer Capability information transfer capability set to "unrestricted digital information with tones/announcements" sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to "64 kbits/s unrestricted preferred". <b>Default</b> : OtherwiseFail <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT(cpa_bcap_l, cpa_bcap_v), 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(cpa_bcap_l, cpa_bcap_v:OCTETSTRING)			
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_S5(0, CREF, B_CHN, cpa_bcap_l, cpa_bcap_v, PX_BCAPL_UDITA_ANYR, PX_BCAPV_UDITA_ANYR))		
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_R2('06'O))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		?TIMEOUT TWAIT		(I)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
<b>Detailed Comments</b> : cpa_bcap_lx and cpa_bcap_vx are respectively the lenght and value of the Bearer Capability number x					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : ENC_HLC(cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_hlci: INTEGER) <b>Group</b> : ISDN_Step/ <b>Objective</b> : STEP for TC101013_X <b>Default</b> : OtherwiseFail <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CREATE(PTC1:PTC1_OUT(cpa_bcap_l, cpa_bcap_v, cpa_hlci), PTC2:PTC2_IN(cpa_hlci))			
2		+PR_N00_MTC			
3		+PTC_Ready			
4		CPA1!CP_M	S_MSG		
5		+ MTC_SYNC			
6		?DONE(PTC1, PTC2)			
		PTC1_OUT(cpa_bcap_l, cpa_bcap_v: OCTETSTRING; cpa_hlci: INTEGER)			
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_S9(0, CREF, B_CHN, cpa_bcap_l, cpa_bcap_v, cpa_hlci)) Mr(CP_R1(1, CREF))		
12		L1?PDUR CANCEL TAC			
13		+PTC1_SYNC_0			
14		+ PO_RR_1(0)			
15		?TIMEOUT TAC			
16		+PTC1_SYNC_0			
17		+ PO_RR_1(0)			
		PTC2_IN(cpa_hlci: INTEGER)			
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_R13(cpa_hlci))	(P)	
21		+PTC2_SYNC			
22		+ PO_SR_2			
23		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R16(cpa_hlci))	(P)	
24		+PTC2_SYNC			
25		+ PO_SR_2			
26		?TIMEOUT TWAIT		(I)	
27		+PTC2_SYNC			
28		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : SETUP_R(SU_VAL: SETUP_PDU) <b>Group</b> : ISDN_Step/ <b>Objective</b> : Test step to receive SETUP messages in I or UI frames. <b>Default</b> : OtherwiseFail_1(1) <b>Comments</b> :					
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)	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PTC1_SYNC <b>Group</b> : ISDN_Step/ <b>Objective</b> : Synchronise interface 1 (ISDN) with MTC (and indirectly with interface 2 (ISUP)) <b>Default</b> : OtherwiseFail_1(0) <b>Comments</b> : 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		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N02_2 <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N02. <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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			
<b>Detailed Comments</b> :					

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

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N03_2_1(cpa_isupi, cpa_isdnai, cpa_obci: BITSTRING)					
<b>Group</b> : ISUP_Step/					
<b>Objective</b> : Bring IUT to the DSS1 call state N03.					
<b>Default</b> : OtherwiseFail_2					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M START TWAIT	RDY	( I )	
2		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R)		
3		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL, '00'B, cpa_i supi, cpa_isdnai, cpa_obci))		
4		?TIMEOUT TWAIT			
5		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N04_2					
<b>Group</b> : ISUP_Step/					
<b>Objective</b> : Bring IUT to the DSS1 call state N04.					
<b>Default</b> : OtherwiseFail_2					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M START TWAIT	RDY	( I )	
2		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R)		
3		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL, '01'B, '1'B, '1'B, '0'B))		
4		?TIMEOUT TWAIT			
5		+ PO_SR_2			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N04_2_1(cpa_isupi, cpa_isdnai, cpa_obci: BITSTRING) <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N04. <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M START TWAIT	RDY		
2		L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT	IrI (P_IAM_R)		
3		L2!P_PDUs	TrR (P_ACM_S2(CIC_VAL,'01'B,cpa_i supi,cpa_isdnai,cpa_obci))		
4		?TIMEOUT TWAIT		( I )	
5		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_2 <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N06. <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_2_1(cpa_tmr, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmpr: OCTETSTRING) <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N06. <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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_S11(cpa_tmr,cpa_usi _l,cpa_usi_v,cpa_usip_l,cpa_u sip_v, cpa_tmpr))		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_2_2(cpa_tmr, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmpr: OCTETSTRING) <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N06. <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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_S11(cpa_tmr, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmpr))		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_2_3 <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N06, with an IAM containing two High Layer Capabilities <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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_S10)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N07_2 <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N07. <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs START TWAIT	TrR (P_IAM_S)		
4		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R (PXP_CIC_S))		
5		?TIMEOUT TWAIT		( I )	
6		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N07_2_1(cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER)					
<b>Group</b> : ISUP_Step/					
<b>Objective</b> : Bring IUT to the DSS1 call state N07.					
<b>Default</b> : OtherwiseFail_2					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY	( I )	
2		CPA2?CP_M	S_MSG		
3		L2!P_PDU <sub>s</sub> START TWAIT	TrR (P_IAM_S)		
4		L2?P_PDU <sub>r</sub> CANCEL TWAIT	TrI (P_ACM_R2 (PXP_CIC_S,'??'B,'??'B,'?'B,' ?'B,cpa_pi_loc,cpa_pi_pd))		
5		?TIMEOUT TWAIT			
6		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N07_2_2(cpa_usi_l,cpa_usi_v,cpa_usip_l,cpa_usip_v, cpa_tmrp: OCTETSTRING)					
<b>Group</b> : ISUP_Step/					
<b>Objective</b> : Bring IUT to the DSS1 call state N07.					
<b>Default</b> : OtherwiseFail_2					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY	( I )	
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs START TWAIT	TrR(P_IAM_S11('06'O,cpa_usi_l ,cpa_usi_v,cpa_usip_l,cpa_usi p_v, cpa_tmrp))		
4		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R (PXP_CIC_S))		
5		?TIMEOUT TWAIT			
6		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N07_2_4					
<b>Group</b> : ISUP_Step/					
<b>Objective</b> : Bring IUT to the DSS1 call state N07, after having received an IAM with two HLC					
<b>Default</b> : OtherwiseFail_2					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY	( I )	
2		CPA2?CP_M	S_MSG		
3		L2!P_PDU <sub>s</sub> START TWAIT	TrR (P_IAM_S10)		
4		L2?P_PDU <sub>r</sub> CANCEL TWAIT	TrI (P_ACM_R (PXP_CIC_S))		
5		?TIMEOUT TWAIT			
6		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_2_ACM <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N09, having sent the ACM <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[NOT(PC_ENBLOC)]			
2		CPA2!CP_M	RDY		
3		CPA2?CP_M	S_MSG		
4		L2!P_PDUs START TAC	TrR (P_IAM_S)		
5		L2?P_PDUR CANCEL TAC	TrI (P_ACM_R (PXP_CIC_S))		
6		?TIMEOUT TAC		( I )	
7		+ PO_SR_2			
8		[PC_ENBLOC]			
9		CPA2!CP_M	RDY		
10		CPA2?CP_M	S_MSG		
11		L2!P_PDUs START TAC	TrR (P_IAM_S)		
12		L2?P_PDUR CANCEL TAC	TrI (P_ACM_R (PXP_CIC_S))		
13		?TIMEOUT TAC		( I )	
14		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_2_1_ACM (cpa_pi_loc: BITSTRING; cpa_pi_pd: INTEGER) <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N09, having sent the ACM <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[NOT(PC_ENBLOC)]			
2		CPA2!CP_M	RDY		
3		CPA2?CP_M	S_MSG		
4		L2!P_PDUs START TAC	TrR (P_IAM_S)		
5		L2?P_PDUR CANCEL TAC	TrI (P_ACM_R2 (PXP_CIC_S, '??'B, '??'B, '??'B, '??'B, cpa_pi_loc, cpa_pi_pd))		
6		?TIMEOUT TAC		( I )	
7		+ PO_SR_2			
8		[PC_ENBLOC]			
9		CPA2!CP_M	RDY		
10		CPA2?CP_M	S_MSG		
11		L2!P_PDUs START TAC	TrR (P_IAM_S)		
12		L2?P_PDUR CANCEL TAC	TrI (P_ACM_R2 (PXP_CIC_S, '??'B, '??'B, '??'B, '??'B, cpa_pi_loc, cpa_pi_pd))		
13		?TIMEOUT TAC		( I )	
14		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_2_2_ACM( <i>cpa_usi_l</i> , <i>cpa_usi_v</i> , <i>cpa_usip_l</i> , <i>cpa_usip_v</i> , <i>cpa_tmrp</i> :OCTETSTRING) <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N09, having sent the ACM <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[NOT(PC_ENBLOC)]			
2		CPA2!CP_M	RDY		
3		CPA2?CP_M	S_MSG		
4		L2!P_PDUs START TAC	TrR( <i>P_IAM_S11</i> ('06'O, <i>cpa_usi_l</i> , <i>cpa_usi_v</i> , <i>cpa_usip_l</i> , <i>cpa_usip_v</i> , <i>cpa_tmrp</i> ))		
5		L2?P_PDUsr CANCEL TAC	TrI ( <i>P_ACM_R</i> ( <i>PXP_CIC_S</i> ))	( I )	
6		?TIMEOUT TAC			
7		+PTC2_SYNC			
8		+PO_SR_2			
9		[PC_ENBLOC]			
10		CPA2!CP_M	RDY		
11		CPA2?CP_M	S_MSG		
12		L2!P_PDUs START TAC	TrR( <i>P_IAM_S11</i> ('02'O, <i>cpa_usi_l</i> , <i>cpa_usi_v</i> , <i>cpa_usip_l</i> , <i>cpa_usip_v</i> , <i>cpa_tmrp</i> ))		
13		L2?P_PDUsr CANCEL TAC	TrI ( <i>P_ACM_R</i> ( <i>PXP_CIC_S</i> ))	( I )	
14		?TIMEOUT TAC			
15		+PTC2_SYNC			
16		+PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_2_4_ACM <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N09, having sent the ACM after having received an IAM with two HLC <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[NOT(PC_ENBLOC)]			
2		CPA2!CP_M	RDY		
3		CPA2?CP_M	S_MSG		
4		L2!P_PDUs START TAC	TrR ( <i>P_IAM_S10</i> )		
5		L2?P_PDUsr CANCEL TAC	TrI ( <i>P_ACM_R</i> ( <i>PXP_CIC_S</i> ))	( I )	
6		?TIMEOUT TAC			
7		+ PO_SR_2			
8		[PC_ENBLOC]			
9		CPA2!CP_M	RDY		
10		CPA2?CP_M	S_MSG		
11		L2!P_PDUs START TAC	TrR ( <i>P_IAM_S10</i> )		
12		L2?P_PDUsr CANCEL TAC	TrI ( <i>P_ACM_R</i> ( <i>PXP_CIC_S</i> ))	( I )	
13		?TIMEOUT TAC			
14		+ PO_SR_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_2_NO_ACM <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N09, having not sent the ACM <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_2_1_NO_ACM(cpa_tmr, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmrp: OCTETSTRING) <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N09, having not sent the ACM <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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_S11(cpa_tmr, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmrp))		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_2_2_NO_ACM <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N09, having received an IAM with two HLC and having not sent the ACM <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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_S10)		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N10_2 <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N10. <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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_S1(CIC_VAL))		
7		?TIMEOUT TWAIT		(I)	
<b>Detailed Comments</b> :					

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

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N25_2 <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N25. <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N06_2			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N25_2_1(cpa_tmr, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmpr: OCTETSTRING) <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N25. <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N06_2_1(cpa_tmr, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmpr)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N25_2_2(cpa_tmr, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmpr: OCTETSTRING) <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N25. <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N06_2_1(cpa_tmr, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmpr)			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N25_2_3 <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N25, with an IAM containing two High Layer Capabilities <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N06_2_3			
<b>Detailed Comments</b> :					



Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PO_SR_2 <b>Group</b> : ISUP_Step/ <b>Objective</b> : To release the call. Send the RELEASE message. <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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		L2?OTHERWISE CANCEL TWAIT		( I )	
4		?TIMEOUT TWAIT		( I )	
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PO_RR_2 <b>Group</b> : ISUP_Step/ <b>Objective</b> : To release the call. Receive the RELEASE message. <b>Default</b> : OtherwiseFail_2 <b>Comments</b> :					
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))		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PTC2_SYNC <b>Group</b> : ISUP_Step/ <b>Objective</b> : Synchronise interface 2 (ISUP) with MTC (and indirectly with interface 1 (ISDN)) <b>Default</b> : OtherwiseFail_2 <b>Comments</b> : 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		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_2_ACM_AUTO <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N06. <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs START TWAIT	TrR (P_IAM_S12)		(1)
4		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R12 (PXP_CIC_S))		(2)
5		?TIMEOUT TWAIT		(I)	
6		+PTC2_SYNC			
7		+PO_SR_2			
<b>Detailed Comments</b> : (1) IAM with all the digits but without end of pulsing signal 'ST' (2) ACM with CPS ind: "no indication", ISUP ind: "ISUP used all the way", ISDN access ind: "ISDN"					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_2_ACM_AUTO_1(cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmprp: OCTETSTRING) <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N06. <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs START TWAIT	TrR(P_IAM_S11('06'O, cpa_usi_l, cpa_usi_v, cpa_usip_l, cpa_usip_v, cpa_tmprp))		(1)
4		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R12 (PXP_CIC_S))		(2)
5		?TIMEOUT TWAIT		(I)	
6		+PTC2_SYNC			
7		+PO_SR_2			
<b>Detailed Comments</b> : (1) IAM with all the digits but without end of pulsing signal 'ST' (2) ACM with CPS ind: "no indication", ISUP ind: "ISUP used all the way", ISDN access ind: "ISDN"					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_2_ACM_AUTO_2 <b>Group</b> : ISUP_Step/ <b>Objective</b> : Bring IUT to the DSS1 call state N06. Sends an ACM automatique after having receive an IAM with two HLC <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		CPA2!CP_M	RDY		
2		CPA2?CP_M	S_MSG		
3		L2!P_PDUs START TWAIT	TrR (P_IAM_S13)		(1)
4		L2?P_PDUr CANCEL TWAIT	TrI (P_ACM_R12(PXP_CIC_S))		(2)
5		?TIMEOUT TWAIT		(I)	
6		+PTC2_SYNC			
7		+PO_SR_2			
<b>Detailed Comments</b> : (1) IAM with the complete digits, without 'ST', and with 2 HLC (2) ACM with CPS ind: "no indication", ISUP ind: "ISUP used all the way", ISDN access ind: "ISDN"					

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

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N02_MTC <b>Group</b> : MTC_Step/ <b>Objective</b> : To start the testcase guard timer T_GUARD <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_MTC			
2		+PTC_Ready			
3		CPA1!CP_M	S_MSG		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N03_MTC					
<b>Group</b> : MTC_Step/					
<b>Objective</b> : To start the testcase guard timer T_GUARD					
<b>Default</b> :					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N02_MTC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N04_MTC					
<b>Group</b> : MTC_Step/					
<b>Objective</b> : To start the testcase guard timer T_GUARD					
<b>Default</b> :					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N02_MTC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_MTC					
<b>Group</b> : MTC_Step/					
<b>Objective</b> :					
<b>Default</b> :					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_MTC	S_MSG		
2		+PTC_Ready			
3		CPA2!CP_M			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N07_MTC					
<b>Group</b> : MTC_Step/					
<b>Objective</b> : To start the testcase guard timer T_GUARD					
<b>Default</b> :					
<b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_MTC	S_MSG		
2		+PTC_Ready			
3		CPA2!CP_M			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N09_MTC <b>Group</b> : MTC_Step/ <b>Objective</b> : To start the testcase guard timer T_GUARD <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_MTC			
2		+PTC_Ready			
3		CPA2!CP_M	S_MSG		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N10_MTC <b>Group</b> : MTC_Step/ <b>Objective</b> : To start the testcase guard timer T_GUARD <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N02_MTC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N10_1_MTC <b>Group</b> : MTC_Step/ <b>Objective</b> : To start the testcase guard timer T_GUARD <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N06_MTC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N25_MTC <b>Group</b> : MTC_Step/ <b>Objective</b> : To start the testcase guard timer T_GUARD <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N06_MTC			
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : MTC_SYNC <b>Group</b> : MTC_Step/ <b>Objective</b> : MTC synchronises both sides ISDN and ISUP <b>Default</b> : <b>Comments</b> : 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 TAC			
2		CPA1?CP_M CANCEL TAC, START TAC	RDY		
3		CPA2?CP_M CANCEL TAC	RDY		
4		CPA1!CP_M	RDY		
5		CPA2!CP_M	RDY		
6		?TIMEOUT TAC		( F )	
7		CPA1!CP_M	STOP_PTC		
8		CPA2!CP_M	STOP_PTC		
9		CPA2?CP_M CANCEL TAC, START TAC	RDY		
10		CPA1?CP_M CANCEL TAC	RDY		
11		CPA1!CP_M	RDY		
12		CPA2!CP_M	RDY		
13		?TIMEOUT TAC		( F )	
14		CPA1!CP_M	STOP_PTC		
15		CPA2!CP_M	STOP_PTC		
16		?TIMEOUT TAC		( F )	
17		CPA1!CP_M	STOP_PTC		
18		CPA2!CP_M	STOP_PTC		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PR_N06_MTC_ACM_AUTO <b>Group</b> : MTC_Step/ <b>Objective</b> : To start the testcase guard timer T_GUARD <b>Default</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+PR_N00_MTC			
2		+PTC_Ready			
3		CPA2!CP_M	S_MSG		
<b>Detailed Comments</b> :					

Test Step Dynamic Behaviour					
<b>Test Step Name</b> : PTC_Ready <b>Group</b> : PTC_Step/ <b>Objective</b> : <b>Default</b> : <b>Comments</b> :					
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	
<b>Detailed Comments</b> :					

Default Dynamic Behaviour					
<b>Default Name</b> : OtherwiseFail <b>Group</b> : <b>Objective</b> : Default behaviour for the MTC <b>Comments</b> :					
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
<b>Detailed Comments</b> : (1) All procedures at PTC have finished their activity. (2) This coordination message indicates to PTC to terminate all actions.					



Default Dynamic Behaviour					
<b>Default Name</b> : OtherwiseFail_1 (FL:INTEGER)					
<b>Group</b> :					
<b>Objective</b> : Default subtree for all test cases.					
<b>Comments</b> :					
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		+IGNORE_MESSAGES(FL)			(2)
5		RETURN			(3)
6		L1?SETUPr (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r)	Sr(SU_R1)	(F)	
7		L1!PDUs	Ms(RC_S1(1,CREF))		
8		L1?SETUP_BROADCASTr (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r)	SBr(SU_R1)	(F)	
9		L1!PDUs	Ms(RC_S1(1,CREF))		
10		L1?OTHERWISE		(F)	(4)
11		+RELEASE_CALL(FL)			(1)
12		?TIMEOUT		(F)	
13		+RELEASE_CALL(FL)			(1)
14		CPA1?CP_M	STOP_PTC		
15		+RELEASE_CALL(FL)			(1)
		IGNORE_MESSAGES(FL: INTEGER)			
16		L1?PDUr	Mr(PG_R(1,CREF))		ignore
17		L1?PDUr	Mr(CA_R1(0,CREF))		ignore
18		L1?PDUr	Mr(IN_R((FL+1)MOD 2,CREF))		ignore
19		L1?PDUr	Mr(NO_R1((FL+1)MOD 2,CREF))		ignore
20		L1?PDUr	Mr(SQ_R1((FL+1)MOD 2,CREF))		ignore
21		L1?PDUr	Mr(ST_R1(0,CREF))		ignore
22		L1?PDUr	Mr(GFP_R1((FL+1)MOD 2,CREF))		ignore
		RELEASE_CALL(FL: INTEGER)			
23		L1!PDUs START TAC	Ms(RL_S1(FL,CREF,16))		(5)
24		L1?PDUr CANCEL TAC	Mr(RC_R1((FL+1)MOD 2,CREF))	R	(6)
25		?TIMEOUT TAC		R	no response
26		+IGNORE_MESSAGES(FL)			(2)
27	GOTO L1				
28	L1?OTHERWISE		R	(4)	
<b>Detailed Comments</b> : (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					
<b>Default Name</b> : OtherwiseFail_2 <b>Group</b> : <b>Objective</b> : <b>Comments</b> :					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		L2?P_PDUr	TrI (P_ACM_R12 (PXP_CIC_S))		(1) KOE [PXP_AUTO_AC M] removed CHANGE /18/ TJS
2		RETURN			
3		L2? P_PDUr	TrI(P_REL_R(CIC_VAL))	(F)	
4		L2! P_PDUs	TrR(P_RLC_S(CIC_VAL))		
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	
24		L2?OTHERWISE		F	
<b>Detailed Comments</b> : (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.					