# I

# Test Suite Overview

## Test Suite Structure

**Suite Name** : ISDN_ISUP_SS5
**Standards Ref** : EN 300 899−1 [ITU Q.699 modified]
**PICS Ref** :
**PIXIT Ref** : EN 300 899−4 Annex A
**Test Method(s)** : Multi−party test method (EN 300 899−4, subclause 4)
**Comments** : Services: CLIP, CLIR, COLP, COLR, SUB, CW, HOLD, TP
First version. 06/2000, isups_y6.mp

| Test Group Reference | Selection Ref | Test Group Objective | Page Nr |
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| CIRCUIT_CONTROLING/ | | | |
| DSS1_ISUP/ | | | |
| DSS1_ISUP/CLIP/ | CLIR_Not_Subscribed | | |
| DSS1_ISUP/CLIP/Special_Arrangement/ | CLIP_special_arrangement | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501105/ | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501106/ | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501107/ | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501108/ | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/ | CLIP_NOT_special_arrangement | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501207/ | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501208/ | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501209/ | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501210/ | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501211/ | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501212/ | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501213/ | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501214/ | | | |
| DSS1_ISUP/CLIR/ | CLIR_Subscribed | | |
| DSS1_ISUP/CLIR/Special_Arrangement/ | CLIR_special_arrangement | | |
| DSS1_ISUP/CLIR/Special_Arrangement/TC502102/ | CLIR_Temporary_restricted | | |
| DSS1_ISUP/CLIR/Special_Arrangement/TC502104/ | CLIR_Temporary_allowed | | |
| DSS1_ISUP/CLIR/No_Special_Arrangement/ | CLIR_NOT_special_arrangement | | |
| DSS1_ISUP/CLIR/No_Special_Arrangement/TC502202/ | CLIR_Temporary_restricted | | |
| DSS1_ISUP/CLIR/No_Special_Arrangement/TC502204/ | CLIR_Temporary_allowed | | |
| DSS1_ISUP/COLP/ | | | |
| DSS1_ISUP/COLP/Subscribed/ | COLP_Subscribed | | |
| DSS1_ISUP/COLP/Subscribed/TC503101/ | | | |
| DSS1_ISUP/COLP/Subscribed/TC503102/ | | | |
| DSS1_ISUP/COLP/Subscribed/TC503103/ | | | |
| DSS1_ISUP/COLP/Subscribed/TC503104/ | | | |
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| Test Group Reference | Selection Ref | Test Group Objective | Page Nr |
| DSS1_ISUP/COLP/Subscribed/TC503107/ | | | |
| DSS1_ISUP/COLP/Subscribed/TC503108/ | | | |
| DSS1_ISUP/COLP/Not_Subscribed/ | COLP_NOT_Subscribed | | |
| DSS1_ISUP/SUB/ | | | |
| DSS1_ISUP/CW/ | | | |
| DSS1_ISUP/HOLD/ | | | |
| DSS1_ISUP/HOLD/From_Network/ | | | |
| DSS1_ISUP/HOLD/S_T/ | HOLD_ST | | |
| DSS1_ISUP/HOLD/T/ | T_REFPT | | |
| DSS1_ISUP/TP/ | | | |
| DSS1_ISUP/TP/From_Network/ | | | |
| DSS1_ISUP/TP/S_T/ | TP_ST | | |
| DSS1_ISUP/TP/T/ | T_REFPT | | |
| ISUP_DSS1/ | | | |
| ISUP_DSS1/CLIP/ | | | |
| ISUP_DSS1/CLIP/Subscribed/ | CLIP_Subscribed | | |
| ISUP_DSS1/CLIP/Subscribed/TC601101/ | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601102/ | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601103/ | CLIP_NOT_two_calling_party | | |
| ISUP_DSS1/CLIP/Subscribed/TC601104/ | CLIP_NOT_two_calling_party | | |
| ISUP_DSS1/CLIP/Subscribed/TC601105/ | CLIP_two_calling_party | | |
| ISUP_DSS1/CLIP/Subscribed/TC601106/ | CLIP_two_calling_party | | |
| ISUP_DSS1/CLIP/Not_Subscribed/ | CLIP_NOT_Subscribed | | |
| ISUP_DSS1/COLP/ | COLR_Not_Subscribed | | |
| ISUP_DSS1/COLP/Special_Arrangement/ | COLP_special_arrangement | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602109/ | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602110/ | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602111/ | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602112/ | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602113/ | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602114/ | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602115/ | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602116/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | COLP_NOT_special_arrangement | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602213/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602214/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602215/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602216/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602217/ | | | |

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| Test Group Reference | Selection Ref | Test Group Objective | Page Nr |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602218/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602219/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602220/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602221/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602222/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602223/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602224/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602225/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602226/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602227/ | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602228/ | | | |
| ISUP_DSS1/COLR/ | COLR_Subscribed | | |
| ISUP_DSS1/COLR/Special_Arrangement/ | COLR_special_arrangement | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603103/ | COLR_Temporary_restricted | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603104/ | COLR_Temporary_restricted | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603107/ | COLR_Temporary_allowed | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603108/ | COLR_Temporary_allowed | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/ | COLR_NOT_special_arrangement | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603203/ | COLR_Temporary_restricted | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603204/ | COLR_Temporary_restricted | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603207/ | COLR_Temporary_allowed | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603208/ | COLR_Temporary_allowed | | |
| ISUP_DSS1/SUB/ | SUB_Subscribed | | |
| ISUP_DSS1/CW/ | | | |
| ISUP_DSS1/CW/S_T/ | CW_ST | | |
| ISUP_DSS1/CW/T/ | T_REFPT | | |
| ISUP_DSS1/HOLD/ | | | |
| ISUP_DSS1/HOLD/Fom_Network/ | | | |
| ISUP_DSS1/HOLD/S_T/ | HOLD_ST | | |
| ISUP_DSS1/HOLD/T/ | T_REFPT | | |
| ISUP_DSS1/TP/ | | | |
| ISUP_DSS1/TP/From_Network/ | | | |
| ISUP_DSS1/TP/S_T/ | TP_ST | | |
| ISUP_DSS1/TP/T/ | T_REFPT | | |
| **Detailed Comments :** | | | |

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| Test Group Reference | Test Case Id | Selection Ref | Description | Page Nr |
|---|---|---|---|---|
| CIRCUIT_CONTROLING/ | CRCT_UP | | | |
| CIRCUIT_CONTROLING/ | CRCT_RESET | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/ | TC501101 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/ | TC501102 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/ | TC501103 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/ | TC501104 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501105/ | TC501105_01 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501105/ | TC501105_02 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501106/ | TC501106_01 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501106/ | TC501106_02 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501107/ | TC501107_01 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501107/ | TC501107_02 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501108/ | TC501108_01 | | | |
| DSS1_ISUP/CLIP/Special_Arrangement/TC501108/ | TC501108_02 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/ | TC501201 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/ | TC501202 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/ | TC501203 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/ | TC501204 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/ | TC501205 | CLIP_Failure_screening | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/ | TC501206 | CLIP_Failure_screening | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501207/ | TC501207_01 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501207/ | TC501207_02 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501208/ | TC501208_01 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501208/ | TC501208_02 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501209/ | TC501209_01 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501209/ | TC501209_02 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501210/ | TC501210_01 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501210/ | TC501210_02 | | | |

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| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501211/ | TC501211_02 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501212/ | TC501212_01 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501212/ | TC501212_02 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501213/ | TC501213_01 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501213/ | TC501213_02 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501214/ | TC501214_01 | | | |
| DSS1_ISUP/CLIP/No_Special_Arrangement/TC501214/ | TC501214_02 | | | |
| DSS1_ISUP/CLIR/Special_Arrangement/ | TC502101 | CLIR_permanent_mode | | |
| DSS1_ISUP/CLIR/Special_Arrangement/TC502102/ | TC502102_01 | | | |
| DSS1_ISUP/CLIR/Special_Arrangement/TC502102/ | TC502102_02 | | | |
| DSS1_ISUP/CLIR/Special_Arrangement/ | TC502103 | CLIR_Temporary_restricted | | |
| DSS1_ISUP/CLIR/Special_Arrangement/TC502104/ | TC502104_01 | | | |
| DSS1_ISUP/CLIR/Special_Arrangement/TC502104/ | TC502104_02 | | | |
| DSS1_ISUP/CLIR/Special_Arrangement/ | TC502105 | CLIR_Temporary_allowed | | |
| DSS1_ISUP/CLIR/No_Special_Arrangement/ | TC502201 | CLIR_permanent_mode | | |
| DSS1_ISUP/CLIR/No_Special_Arrangement/TC502202/ | TC502202_01 | | | |
| DSS1_ISUP/CLIR/No_Special_Arrangement/TC502202/ | TC502202_02 | | | |
| DSS1_ISUP/CLIR/No_Special_Arrangement/ | TC502203 | CLIR_Temporary_restricted | | |
| DSS1_ISUP/CLIR/No_Special_Arrangement/TC502204/ | TC502204_01 | | | |
| DSS1_ISUP/CLIR/No_Special_Arrangement/TC502204/ | TC502204_02 | | | |
| DSS1_ISUP/CLIR/No_Special_Arrangement/ | TC502205 | CLIR_Temporary_allowed | | |
| DSS1_ISUP/COLP/Subscribed/TC503101/ | TC503101_01 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503101/ | TC503101_02 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503101/ | TC503101_03 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503101/ | TC503101_04 | | | |
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| DSS1_ISUP/COLP/Subscribed/TC503102/ | TC503102_03 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503102/ | TC503102_04 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503103/ | TC503103_01 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503103/ | TC503103_02 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503103/ | TC503103_03 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503103/ | TC503103_04 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503104/ | TC503104_01 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503104/ | TC503104_02 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503104/ | TC503104_03 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503104/ | TC503104_04 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503105/ | TC503105_01 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503105/ | TC503105_02 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503106/ | TC503106_01 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503106/ | TC503106_02 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503107/ | TC503107_01 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503107/ | TC503107_02 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503108/ | TC503108_01 | | | |
| DSS1_ISUP/COLP/Subscribed/TC503108/ | TC503108_02 | | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503109 | COLR_Subscribed | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503110 | COLR_Subscribed | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503111 | COLR_Subscribed | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503112 | COLR_Subscribed | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503113 | | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503114 | | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503115 | | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503116 | | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503117 | | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503118 | | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503119 | | | |
| DSS1_ISUP/COLP/Subscribed/ | TC503120 | | | |
| DSS1_ISUP/COLP/Not_Subscribed/ | TC503201 | | | |
| DSS1_ISUP/COLP/Not_Subscribed/ | TC503202 | | | |
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| DSS1_ISUP/CW/ | TC506002 | | | |
| DSS1_ISUP/CW/ | TC506003 | | | |
| DSS1_ISUP/CW/ | TC506004 | | | |
| DSS1_ISUP/HOLD/From_Network/ | TC507101 | | | |
| DSS1_ISUP/HOLD/From_Network/ | TC507102 | | | |
| DSS1_ISUP/HOLD/S_T/ | TC507201 | HOLD_N4 | | |
| DSS1_ISUP/HOLD/S_T/ | TC507202 | | | |
| DSS1_ISUP/HOLD/S_T/ | TC507203 | HOLD_N4 | | |
| DSS1_ISUP/HOLD/S_T/ | TC507204 | | | |
| DSS1_ISUP/HOLD/T/ | TC507301 | | | |
| DSS1_ISUP/HOLD/T/ | TC507302 | | | |
| DSS1_ISUP/TP/From_Network/ | TC508101 | | | |
| DSS1_ISUP/TP/From_Network/ | TC508102 | | | |
| DSS1_ISUP/TP/From_Network/ | TC508103 | | | |
| DSS1_ISUP/TP/From_Network/ | TC508104 | | | |
| DSS1_ISUP/TP/S_T/ | TC508201 | | | |
| DSS1_ISUP/TP/S_T/ | TC508202 | | | |
| DSS1_ISUP/TP/T/ | TC508301 | | | |
| DSS1_ISUP/TP/T/ | TC508302 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601101/ | TC601101_01 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601101/ | TC601101_02 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601101/ | TC601101_03 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601101/ | TC601101_04 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601102/ | TC601102_01 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601102/ | TC601102_02 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601102/ | TC601102_03 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601102/ | TC601102_04 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601103/ | TC601103_01 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601103/ | TC601103_02 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601104/ | TC601104_01 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601104/ | TC601104_02 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601105/ | TC601105_01 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601105/ | TC601105_02 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601106/ | TC601106_01 | | | |
| ISUP_DSS1/CLIP/Subscribed/TC601106/ | TC601106_02 | | | |
| ISUP_DSS1/CLIP/Subscribed/ | TC601107 | | | |
| ISUP_DSS1/CLIP/Subscribed/ | TC601108 | | | |

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| ISUP_DSS1/CLIP/Subscribed/ | TC601110 | | | |
| ISUP_DSS1/CLIP/Subscribed/ | TC601111 | | | |
| ISUP_DSS1/CLIP/Subscribed/ | TC601112 | | | |
| ISUP_DSS1/CLIP/Subscribed/ | TC601113 | | | |
| ISUP_DSS1/CLIP/Subscribed/ | TC601114 | | | |
| ISUP_DSS1/CLIP/Not_Subscribed/ | TC601201 | | | |
| ISUP_DSS1/CLIP/Not_Subscribed/ | TC601202 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/ | TC602101 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/ | TC602102 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/ | TC602103 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/ | TC602104 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/ | TC602105 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/ | TC602106 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/ | TC602107 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/ | TC602108 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602109/ | TC602109_01 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602109/ | TC602109_02 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602110/ | TC602110_01 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602110/ | TC602110_02 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602111/ | TC602111_01 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602111/ | TC602111_02 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602112/ | TC602112_01 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602112/ | TC602112_02 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602113/ | TC602113_01 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602113/ | TC602113_02 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602114/ | TC602114_01 | | | |
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| ISUP_DSS1/COLP/Special_Arrangement/TC602115/ | TC602115_02 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602116/ | TC602116_01 | | | |
| ISUP_DSS1/COLP/Special_Arrangement/TC602116/ | TC602116_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602201 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602202 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602203 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602204 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602205 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602206 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602207 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602208 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602209 | COLP_Failure_screening | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602210 | COLP_Failure_screening | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602211 | COLP_Failure_screening | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/ | TC602212 | COLP_Failure_screening | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602213/ | TC602213_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602213/ | TC602213_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602214/ | TC602214_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602214/ | TC602214_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602215/ | TC602215_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602215/ | TC602215_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602216/ | TC602216_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602216/ | TC602216_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602217/ | TC602217_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602217/ | TC602217_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602218/ | TC602218_01 | | | |

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| ISUP_DSS1/COLP/No_Special_Arrangement/TC602218/ | TC602218_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602219/ | TC602219_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602219/ | TC602219_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602220/ | TC602220_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602220/ | TC602220_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602221/ | TC602221_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602221/ | TC602221_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602222/ | TC602222_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602222/ | TC602222_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602223/ | TC602223_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602223/ | TC602223_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602224/ | TC602224_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602224/ | TC602224_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602225/ | TC602225_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602225/ | TC602225_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602226/ | TC602226_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602226/ | TC602226_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602227/ | TC602227_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602227/ | TC602227_02 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602228/ | TC602228_01 | | | |
| ISUP_DSS1/COLP/No_Special_Arrangement/TC602228/ | TC602228_02 | | | |
| ISUP_DSS1/COLR/Special_Arrangement/ | TC603101 | COLR_permanent_mode | | |
| ISUP_DSS1/COLR/Special_Arrangement/ | TC603102 | COLR_permanent_mode | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603103/ | TC603103_01 | | | |

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| Test Group Reference | Test Case Id | Selection Ref | Description | Page Nr |
| ISUP_DSS1/COLR/Special_Arrangement/TC603103/ | TC603103_02 | | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603104/ | TC603104_01 | | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603104/ | TC603104_02 | | | |
| ISUP_DSS1/COLR/Special_Arrangement/ | TC603105 | COLR_Temporary_restricted | | |
| ISUP_DSS1/COLR/Special_Arrangement/ | TC603106 | COLR_Temporary_restricted | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603107/ | TC603107_01 | | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603107/ | TC603107_02 | | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603108/ | TC603108_01 | | | |
| ISUP_DSS1/COLR/Special_Arrangement/TC603108/ | TC603108_02 | | | |
| ISUP_DSS1/COLR/Special_Arrangement/ | TC603109 | COLR_Temporary_allowed | | |
| ISUP_DSS1/COLR/Special_Arrangement/ | TC603110 | COLR_Temporary_allowed | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/ | TC603201 | COLR_permanent_mode | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/ | TC603202 | COLR_permanent_mode | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603203/ | TC603203_01 | | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603203/ | TC603203_02 | | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603204/ | TC603204_01 | | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603204/ | TC603204_02 | | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/ | TC603205 | COLR_Temporary_restricted | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/ | TC603206 | COLR_Temporary_restricted | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603207/ | TC603207_01 | | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603207/ | TC603207_02 | | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603208/ | TC603208_01 | | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/TC603208/ | TC603208_02 | | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/ | TC603209 | COLR_Temporary_allowed | | |
| ISUP_DSS1/COLR/No_Special_Arrangement/ | TC603210 | COLR_Temporary_allowed | | |
| ISUP_DSS1/SUB/ | TC604001 | | | |
| ISUP_DSS1/CW/S_T/ | TC606101 | | | |
| ISUP_DSS1/CW/S_T/ | TC606102 | | | |
| ISUP_DSS1/CW/S_T/ | TC606103 | | | |
| ISUP_DSS1/CW/T/ | TC606201 | | | |

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| ISUP_DSS1/CW/T/ | TC606203 | | | |
| ISUP_DSS1/CW/T/ | TC606204 | | | |
| ISUP_DSS1/CW/T/ | TC606205 | | | |
| ISUP_DSS1/HOLD/Fom_Network/ | TC607101 | | | |
| ISUP_DSS1/HOLD/Fom_Network/ | TC607102 | | | |
| ISUP_DSS1/HOLD/Fom_Network/ | TC607103 | | | |
| ISUP_DSS1/HOLD/Fom_Network/ | TC607104 | | | |
| ISUP_DSS1/HOLD/S_T/ | TC607201 | | | |
| ISUP_DSS1/HOLD/S_T/ | TC607202 | | | |
| ISUP_DSS1/HOLD/T/ | TC607301 | | | |
| ISUP_DSS1/HOLD/T/ | TC607302 | | | |
| ISUP_DSS1/TP/From_Network/ | TC608101 | | | |
| ISUP_DSS1/TP/From_Network/ | TC608102 | | | |
| ISUP_DSS1/TP/From_Network/ | TC608103 | | | |
| ISUP_DSS1/TP/From_Network/ | TC608104 | | | |
| ISUP_DSS1/TP/S_T/ | TC608201 | | | |
| ISUP_DSS1/TP/S_T/ | TC608202 | | | |
| ISUP_DSS1/TP/T/ | TC608301 | | | |
| ISUP_DSS1/TP/T/ | TC608302 | | | |

**Detailed Comments :**

Test Step Index

| Test Step Group Reference | Test Step Id | Description | Page Nr |
|---|---|---|---|
| ISDN_Step/ | PR_N00_1 | | |
| ISDN_Step/ | PR_N03_1 | | |
| ISDN_Step/ | PR_N04_1 | | |
| ISDN_Step/ | PR_N06_1 | | |
| ISDN_Step/ | PR_N07_1 | | |
| ISDN_Step/ | PR_N09_1 | | |
| ISDN_Step/ | PR_N10_1 | | |
| ISDN_Step/ | PR_N10_1_1 | | |
| ISDN_Step/ | PR_N10OI_CW | | |
| ISDN_Step/ | PR_N25_1 | | |
| ISDN_Step/ | PO_RR_1 | | |
| ISDN_Step/ | PO_SR_1 | | |
| ISDN_Step/ | PO_SR_1_THREE | | |
| ISDN_Step/ | PO_SR_1_TWO_CW | | |
| ISDN_Step/ | PTC1_SYNC_0 | | |
| ISDN_Step/ | PTC1_SYNC_1 | | |
| ISDN_Step/ | PTC1_SYNC_1_THREE | | |
| ISDN_Step/ | SETUP_R | | |
| ISUP_Step/ | PR_N02_2 | | |
| ISUP_Step/ | PR_N02_2_COLP | | |
| ISUP_Step/ | PR_N03_2 | | |
| ISUP_Step/ | PR_N03_2_COLP | | |
| ISUP_Step/ | PR_N04_2 | | |
| ISUP_Step/ | PR_N04_2_COLP | | |
| ISUP_Step/ | PR_N06_2_COLP | | |
| ISUP_Step/ | PR_N06_2 | | |
| ISUP_Step/ | PR_N07_2 | | |
| ISUP_Step/ | PR_N07_2_COLP | | |
| ISUP_Step/ | PR_N09_2 | | |
| ISUP_Step/ | PR_N10_2 | | |
| ISUP_Step/ | PR_N10_2_1 | | |
| ISUP_Step/ | PR_N25_2 | | |
| ISUP_Step/ | PO_SR_2 | | |
| ISUP_Step/ | PO_RR_2 | | |
| ISUP_Step/ | PTC2_SYNC | | |
| MTC_Step/ | PR_N00_MTC | | |
| MTC_Step/ | PR_OUT_MTC | | |
| MTC_Step/ | PR_IN_MTC | | |
| MTC_Step/ | MTC_SYNC | | |
| PTC_Step/ | PTC_Ready | | |

**Detailed Comments :**

| Default Index | | | |
|---|---|---|---|
| Default Group Reference | Default Id | Description | Page Nr |
| | OtherwiseFail<br>OtherwiseFail_1<br>OtherwiseFail_1_THREE<br>OtherwiseFail_2 | | |
| **Detailed Comments :** | | | |

# 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 |
| CID_I | BITSTRING('00010000'B) | | Call identity 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 compatibilty 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 compatibilty 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 |

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| Simple Type Definitions | | | |
|---|---|---|---|
| Type Name | Type Definition | Type Encoding | Comments |
| RNGN_I | BITSTRING('01110100'B) | | Redirecting number identifier type |
| RONN_I | BITSTRING('01110110'B) | | Redirection number identifier type |
| SCI | BITSTRING('10100001'B) | | Sending complete information |
| TNS_I | BITSTRING('01111000'B) | | Transit network selection identifier type |
| UUI_I | BITSTRING('01111110'B) | | User−user identifier type |
| **Detailed Comments :** | | | |

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

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

## Structured Type Definition

**Type Name** : access_transport1
**Encoding Variation** :
**Comments** : 3.3 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| ident1 | BITSTRING[8] | | object transported identifier |
| length1 | OCTETSTRING[1] | | object transported length |
| value | OCTETSTRING | | object transported value |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : access_transport2
**Encoding Variation** :
**Comments** : ATP containing a progress indicator

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| pi_i (Identifier) | PI_I | | |
| pi_l (Length) | OCTETSTRING[1] | | |
| pi_e3_pre (1.ext,Coding standard,spare) | BITSTRING[4] | | |
| pi_e3_loc (Coding standard, location) | BITSTRING[4] | | |
| pi_e4_eb (Extension bit) | BITSTRING[1] | | |
| pi_e4_pd (Progress description) | BITSTRING[7] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : access_transport3
**Encoding Variation** :
**Comments** : ATP containing an High Layer Compatibility(HLC)

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| hlc_i (Identifier) | HLC_I | | |
| hlc_l (Length) | OCTETSTRING[1] | | |
| hlc_con (Contents) | OCTETSTRING[0..3] | | |

**Detailed Comments** :

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

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

## Structured Type Definition

**Type Name** : access_transport6
**Encoding Variation** :
**Comments** : ATP containing a High Layer Compatibility(HLC) and a Progress Indicator(PI)

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| hlc_i (Identifier) | HLC_I | | |
| hlc_l (Length) | OCTETSTRING[1] | | |
| hlc_con (Contents) | OCTETSTRING[0..3] | | |
| pi_i (Identifier) | PI_I | | |
| pi_l (Length) | OCTETSTRING[1] | | |
| pi_e3_pre (1.ext,Coding standard,spare) | BITSTRING[4] | | |
| pi_e3_loc (Coding standard, location) | BITSTRING[4] | | |
| pi_e4_eb (Extension bit) | BITSTRING[1] | | |
| pi_e4_pd (Progress description) | BITSTRING[7] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : access_transport7
**Encoding Variation** :
**Comments** : ATP containing a Bearer Capability(BC) and a Progress Indicator(PI)

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| bcap_i | BITSTRING[8] | | BC identifier |
| bcap_l | OCTETSTRING[1] | | BC length |
| bcap_v | OCTETSTRING[0..10] | | BC value |
| pi_i (Identifier) | PI_I | | |
| pi_l (Length) | OCTETSTRING[1] | | |
| pi_e3_pre (1.ext,Coding standard,spare) | BITSTRING[4] | | |
| pi_e3_loc (Coding standard, location) | BITSTRING[4] | | |
| pi_e4_eb (Extension bit) | BITSTRING[1] | | |
| pi_e4_pd (Progress description) | BITSTRING[7] | | |

**Detailed Comments** :

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

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

Structured Type Definition

**Type Name** : access_transport10
**Encoding Variation** :
**Comments** : ATP containing a High Layer Capability(HLC) and a Bearer Capability(BC)

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| hlc_i | HLC_I | | Identifier |
| hlc_l | OCTETSTRING[1] | | Length |
| hlc_ext0 | BITSTRING[1] | | Extension bit |
| hlc_c_sd | BITSTRING[2] | | Coding Standard |
| hlc_Int | BITSTRING[3] | | Interpretation |
| hlc_Pmpp | BITSTRING[2] | | Presentation method of protocol profile |
| hlc_ext1 | BITSTRING[1] | | Extension bit |
| hlc_iden | BITSTRING[7] | | High layer characteristics identification |
| bcap_i | BITSTRING[8] | | BC identifier |
| bcap_l | OCTETSTRING[1] | | BC length |
| bcap_v | OCTETSTRING[0..10] | | BC value |

**Detailed Comments** :

Structured Type Definition

**Type Name** : access_transport11
**Encoding Variation** :
**Comments** : ATP containing a Bearer Capability(BC) and a High Layer Capability(HLC)

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| bcap_i | BITSTRING[8] | | BC identifier |
| bcap_l | OCTETSTRING[1] | | BC length |
| bcap_v | OCTETSTRING[0..10] | | BC value |
| hlc_i | HLC_I | | Identifier |
| hlc_l | OCTETSTRING[1] | | Length |
| hlc_ext0 | BITSTRING[1] | | Extension bit |
| hlc_c_sd | BITSTRING[2] | | Coding Standard |
| hlc_Int | BITSTRING[3] | | Interpretation |
| hlc_Pmpp | BITSTRING[2] | | Presentation method of protocol profile |
| hlc_ext1 | BITSTRING[1] | | Extension bit |
| hlc_iden | BITSTRING[7] | | High layer characteristics identification |

**Detailed Comments** :

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

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

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

## Structured Type Definition

**Type Name** : call_history_information
**Encoding Variation** :
**Comments** : 3.7 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| CHInf_field | OCTETSTRING[2] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : call_reference
**Encoding Variation** :
**Comments** : 3.8 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| CRef_contents | OCTETSTRING[5] | | 1. |

**Detailed Comments** :
1. The contents of this message are not subdivided bacause this parameter is for national use only.

## Structured Type Definition

**Type Name** : called_party_number_R
**Encoding Variation** :
**Comments** : 3.9 / Q.763

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

**Detailed Comments** :

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

| Structured Type Definition | | | |
|---|---|---|---|
| **Type Name** : calling_party_number | | | |
| **Encoding Variation** : | | | |
| **Comments** : 3.10 / Q.763 | | | |
| Element Name | Type Definition | Field Encoding | Comments |
| parameter_type | 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 |
| **Detailed Comments** : | | | |

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

## Structured Type Definition

**Type Name** : cause_indicators
**Encoding Variation** :
**Comments** : 3.12 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | 1. |
| length | OCTETSTRING[1] | | |
| ExtI_1 | BITSTRING[1] | | Extension indicator, always 1 |
| CodS | BITSTRING[2] | | Coding standard |
| spare | BITSTRING[1] | | |
| Loc | BITSTRING[4] | | Location |
| ExtI_2 | BITSTRING[1] | | Extension indicator, always 1 |
| CauseV | BITSTRING[7] | | Cause value |
| Diag | OCTETSTRING | | Diagnostic(s) 2. |

**Detailed Comments** : 1. Only if the parameter is in the optional part of a message.
2. If there is more than one Diagnostic all of them are in this single OCTETSTRING.

## Structured Type Definition

**Type Name** : ccnr_possible_indicator
**Encoding Variation** :
**Comments** : 3.4.2.1.3 / Q.733.3

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| spare | BITSTRING[7] | | |
| ccnr_possible | BITSTRING[1] | | 1 |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : ccss_call_indicator
**Encoding Variation** :
**Comments** : 6.2.1.3 / EN 300 356−20

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| spare | BITSTRING[7] | | |
| ccns_call | BITSTRING[1] | | 1 |

**Detailed Comments** :

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

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

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

## Structured Type Definition

**Type Name** : connection_request
**Encoding Variation** :
**Comments** : 3.17 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| ConRq_contents | OCTETSTRING[7] | | 1. |

**Detailed Comments** :
1. The contents of this parameter are not subdivided because it is not used for basic call.

## Structured Type Definition

**Type Name** : echo_control_information
**Encoding Variation** :
**Comments** : 3.19 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| IEchoRqI | BITSTRING[2] | | Incoming half echo control device request indicator |
| OEchoRqI | BITSTRING[2] | | Outgoing half echo control device request indicator |
| IEchoRsI | BITSTRING[2] | | Incoming half echo control device response indicator |
| OEchoRsI | BITSTRING[2] | | Outgoing half echo control device response indicator |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : event_information
**Encoding Variation** :
**Comments** : 3.21 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| EvPRI | BITSTRING[1] | | Event presentation retriction indicator |
| EventI | BITSTRING[7] | | Event indicator |

**Detailed Comments** :

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

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

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

## Structured Type Definition

**Type Name** : generic_number
**Encoding Variation** :
**Comments** : 3.26 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| NQI | BITSTRING[8] | | Number qualifier indicator |
| OdEvI | BITSTRING[1] | | Odd/even indicator |
| NatAdrI | BITSTRING[7] | | Nature of address indicator |
| NbIInd | BITSTRING[1] | | Number incomplete indicator |
| NbPI | BITSTRING[3] | | Numbering plan indicator |
| AdPreRInd | BITSTRING[2] | | Address presentation restricted indicator |
| ScrInd | BITSTRING[2] | | Screening indicator |
| AdSg_Filler | AdSg_type | | Address signals |

**Detailed Comments** :
1. The contents of this parameter are not subdivided because it is not used for basic call.

## Structured Type Definition

**Type Name** : generic_reference
**Encoding Variation** :
**Comments** : 3.27 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| GenRef_contents | OCTETSTRING | | 1. |

**Detailed Comments** :
1. The contents of this parameter are not subdivided because it is not used for basic call.

## Structured Type Definition

**Type Name** : location_number
**Encoding Variation** :
**Comments** : 3.30 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| OdEvI | BITSTRING[1] | | Odd/Even indicator |
| NatAdrI | BITSTRING[7] | | Nature of address indicator |
| INtwNbI | BITSTRING[1] | | Internal network number indicator |
| NbPI | BITSTRING[3] | | Numbering plan indicator |
| APRI | BITSTRING[2] | | Address presentation restricted indicator |
| ScrI | BITSTRING[2] | | Screening indicator |
| AdSg | HEXSTRING | | Address signal |
| Filler | HEXSTRING[0..1] | | Filler |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : MLPP_precedence
**Encoding Variation** :
**Comments** : 3.34 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| MLPPpre_contents | OCTETSTRING[6] | | 1. |

**Detailed Comments** :
1. The contents of this parameter are not subdivided because it is not used for basic call.

## Structured Type Definition

**Type Name** : nature_of_connection_indicators
**Encoding Variation** :
**Comments** : 3.35 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| spare | BITSTRING[3] | | |
| ECDI | BITSTRING[1] | | Echo control device indicator |
| CntChI | BITSTRING[2] | | Continuity check indicator |
| SatI | BITSTRING[2] | | Satellite indicator |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : network_specific_facility
**Encoding Variation** :
**Comments** : 3.36 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| NtwFac_contents | OCTETSTRING | | 1. |

**Detailed Comments** :
1. The contents of this parameter are not subdivided because it is for national use only.

## Structured Type Definition

**Type Name** : optional_backward_call_indicators
**Encoding Variation** :
**Comments** : 3.37 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| spare | BITSTRING[4] | | Reserved for national use |
| MLPPUsrI | BITSTRING[1] | | MLPP user indicator |
| SgmI | BITSTRING[1] | | Simple segmentation indicator |
| CDmo | BITSTRING[1] | | Call diversion may occur indicator |
| InBndInfI | BITSTRING[1] | | In−band information indicator |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : optional_forward_call_indicators
**Encoding Variation** :
**Comments** : 3.38 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| COLRqI | BITSTRING[1] | | Connected line identity request indicator |
| spare | BITSTRING[4] | | |
| SgmI | BITSTRING[1] | | Simple segmentation indicator |
| CUGCI | BITSTRING[2] | | Closed user group call indicator |

**Detailed Comments** :

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

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

## Structured Type Definition

**Type Name** : parameter_compatibility_information
**Encoding Variation** :
**Comments** : 3.41 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| UParid_1 | BITSTRING[8] | | Upgraded parameter name |
| ExtI_1 | BITSTRING[1] | | Extension indicator |
| PassNPI_1 | BITSTRING[2] | | Pass on not possible indicator |
| DParI_1 | BITSTRING[1] | | Discard parameter indicator |
| DMsgI_1 | BITSTRING[1] | | Discard message indicator |
| SendNfI_1 | BITSTRING[1] | | Send notification indicator |
| RlsCI_1 | BITSTRING[1] | | Release call indicator |
| TransI_1 | BITSTRING[1] | | Transit at intermediate exchange indicator |
| UParid_2 | BITSTRING[8] | | |
| ExtI_2 | BITSTRING[1] | | |
| InstrI_2 | BITSTRING[7] | | all instruction indicators for parameter 2 |
| UParid_3 | BITSTRING[8] | | |
| ExtI_3 | BITSTRING[1] | | |
| InstrI_3 | BITSTRING[7] | | all instruction indicators for parameter 3 |
| UParid_4 | BITSTRING[8] | | |
| ExtI_4 | BITSTRING[1] | | |
| InstrI_4 | BITSTRING[7] | | all instruction indicators for parameter 4 |
| UParid_5 | BITSTRING[8] | | |
| ExtI_5 | BITSTRING[1] | | |
| InstrI_5 | BITSTRING[7] | | all instruction indicators for parameter 5 |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : propagation_delay_counter
**Encoding Variation** :
**Comments** : 3.42 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| PDC_field | OCTETSTRING[2] | | Propagation delay value |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : transit_network_selection
**Encoding Variation** :
**Comments** : 3.53 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| TNtwSel_contents | OCTETSTRING | | 1. |

**Detailed Comments** :
1. The contents of this parameter are not subdivided because it is for national use only.

## Structured Type Definition

**Type Name** : redirecting_number
**Encoding Variation** :
**Comments** : 3.44 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| OdEvI | BITSTRING[1] | | Odd/even indicator |
| NatAdrI | BITSTRING[7] | | Nature of address indicator |
| spare_1 | BITSTRING[1] | | |
| NbPI | BITSTRING[3] | | Numbering plan indicator |
| APRI | BITSTRING[2] | | Address presentation restricted indicator |
| spare_2 | BITSTRING[2] | | |
| AdSg | HEXSTRING | | Address signal |
| Filler | HEXSTRING[0..1] | | |

**Detailed Comments** :
1. The contents of this parameter are not subdivided because it is not used for basic call.

## Structured Type Definition

**Type Name** : redirection_information
**Encoding Variation** :
**Comments** : 3.45 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| OriRnReas | BITSTRING[4] | | Original redirection reason |
| spare_1 | BITSTRING[1] | | |
| RgIc | BITSTRING[3] | | Redirecting indicator |
| RgReas | BITSTRING[4] | | Redirecting reason |
| spare_2 | BITSTRING[1] | | |
| RnCnt | BITSTRING[3] | | Redirection counter |

**Detailed Comments** :
1. The contents of this parameter are not subdivided because it is not used for basic call.

## Structured Type Definition

**Type Name** : redirection_number
**Encoding Variation** :
**Comments** : 3.46 / Q.763

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

**Detailed Comments** :

## Structured Type Definition

**Type Name** : redirection_number_restriction
**Encoding Variation** :
**Comments** : 3.47 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| RnNbRes_contents | OCTETSTRING[1] | | 1. |

**Detailed Comments** :
1. The contents of this parameter are not subdivided because it is not used for basic call.

## Structured Type Definition

**Type Name** : remote_operations
**Encoding Variation** :
**Comments** : 3.48 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| RemOp_contents | OCTETSTRING | | 1. |

**Detailed Comments** :
1. The contents of this parameter are not subdividedbecause it is for national use only.

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

| Structured Type Definition | | | |
|---|---|---|---|
| **Type Name** : suspend_resume_indicators | | | |
| **Encoding Variation** : | | | |
| **Comments** : 3.45 / Q.763 | | | |
| Element Name | Type Definition | Field Encoding | Comments |
| spare_7 | BITSTRING[7] | | |
| SRInd | BITSTRING[1] | | Suspend Resume indicator |
| **Detailed Comments** : 1. The contents of this parameter are not subdivided because it is not used for basic call. | | | |

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

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

## Structured Type Definition

**Type Name** : signalling_point_code
**Encoding Variation** :
**Comments** : 3.50 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| SPC_contents | OCTETSTRING[2] | | 1. |

**Detailed Comments** :
1. The contents of this parameter are not subdivided because it is for national use only.

## Structured Type Definition

**Type Name** : transmission_medium_used
**Encoding Variation** :
**Comments** : 3.56 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| TMU_field | OCTETSTRING[1] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : transmission_medium_requirement_prime
**Encoding Variation** :
**Comments** : 3.55 / Q.763

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| TMRp_field | OCTETSTRING[1] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : unknown_parameter
**Encoding Variation** :
**Comments** :

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| parameter_type | BITSTRING[8] | | |
| length | OCTETSTRING[1] | | |
| unkn_par_contents | OCTETSTRING[1] | | |

**Detailed Comments** :

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

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

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

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

| Structured Type Definition | | | |
|---|---|---|---|
| **Type Name** : user_to_user_information<br>**Encoding Variation** :<br>**Comments** : 3.61 / Q.763 | | | |
| Element Name | Type Definition | Field Encoding | Comments |
| parameter_type<br>length<br>UUInf_contents | BITSTRING[8]<br>OCTETSTRING[1]<br>OCTETSTRING | | |
| **Detailed Comments** : | | | |

| Structured Type Definition | | | |
|---|---|---|---|
| **Type Name** : national_parameter<br>**Encoding Variation** :<br>**Comments** : | | | |
| Element Name | Type Definition | Field Encoding | Comments |
| parameter_type<br>length<br>nat_par_contents | BITSTRING[8]<br>OCTETSTRING[1]<br>OCTETSTRING | | |
| **Detailed Comments** : | | | |

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

## Structured Type Definition

**Type Name** : CAU (Cause)
**Encoding Variation** :
**Comments** : Info Element CAUse
ETS 300 403−1 subclause 4.5.12

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| cau_i (Identifier) | CAU_I | | |
| cau_l (Length) | BITSTRING[8] | | |
| cau_e3_eb (Extension bit) | BITSTRING[1] | | |
| cau_e3_cs (Coding standard) | BITSTRING[3] | | |
| cau_e3_loc (Location) | BITSTRING[4] | | |
| cau_e4_rec (Recommendation) | OCTETSTRING[0..1] | | |
| cau_e5_eb (Extension bit) | BITSTRING[1] | | |
| cau_e5_cv (Cause value) | BITSTRING[7] | | |
| cau_di (Diagnostics) | OCTETSTRING[0..28] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : CDPN (Called party number)
**Encoding Variation** :
**Comments** : Information Element CalleD Party Number
ETS 300 403−1 subclause 4.5.8

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| cdpn_i (Identifier) | CDPN_I | | |
| cdpn_l (Length) | OCTETSTRING[1] | | |
| cdpn_e3_npi (Type of number, Numbering plan identification) | OCTETSTRING[1] | | |
| cdpn_e4_nd (Number digits) | OCTETSTRING[1..20] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : CDPS (Called party subaddress)
**Encoding Variation** :
**Comments** : Information Element CalleD Party Subaddress
ETS 300 403−1 subclause 4.5.9

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| cdps_i (Identifier) | CDPS_I | | |
| cdps_l (Length) | OCTETSTRING[1] | | |
| cdps_e3_tos (Type of subaddress, Odd/even indicator) | OCTETSTRING[1] | | |
| cdps_e4_si (Subaddress information) | OCTETSTRING[1..20] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : CGPN (Calling party number)
**Encoding Variation** :
**Comments** : Information Element CallinG Party Number
ETS 300 403−1 subclause 4.5.10

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| cgpn_i (Identifier) | CGPN_I | | |
| cgpn_l (Length) | OCTETSTRING[1] | | |
| cgpn_e3_ext | BITSTRING [1] | | Type of number |
| cgpn_e3_ton | BITSTRING [3] | | Type of number |
| cgpn_e3_npi | BITSTRING [4] | | Numbering plan id. |
| cgpn_e4_ext | BITSTRING [1] | | Presentation indicator |
| cgpn_e4_pi | BITSTRING [2] | | Presentation indicator |
| cgpn_e4_sp | BITSTRING [3] | | Presentation indicator |
| cgpn_e4_si | BITSTRING [2] | | Screening indicator |
| cgpn_e5_nd | OCTETSTRING [0 .. 20] | | Number digits |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : CGPS (Calling party subaddress)
**Encoding Variation** :
**Comments** : Information Element CallinG Party Subaddress
ETS 300 403−1 subclause 4.5.11

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| cgps_i (Identifier) | CGPS_I | | Identifier |
| cgps_l (Length) | OCTETSTRING[1] | | Length |
| cgps_e3_tos (Type of subaddress) | BITSTRING[4] | | |
| cgps_e3_oei (Odd/even indicator) | BITSTRING[1] | | |
| cgps_e3_sp (Spare) | BITSTRING[3] | | |
| cgps_e4_si (Subaddress information) | OCTETSTRING[1 TO 20] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : CHI (Channel identification)
**Encoding Variation** :
**Comments** : Information Element CHannel Identification
ETS 300 403−1 subclause 4.5.13

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| chi_i (Identifier) | CHI_I | | |
| chi_l (Length) | BITSTRING[8] | | |
| chi_e3_eb (Extension bit) | BITSTRING[1] | | |
| chi_e3_int (Interface identifier present, interface type, preferred/exclusive) | BITSTRING[5] | | |
| chi_e3_cs (Channel selection) | BITSTRING[2] | | |
| chi_e4_csct (Coding standard, number bit, channel type) | BITSTRING[8] | | (1) |
| chi_e5_eb (Extension bit) | BITSTRING[1] | | (1) |
| chi_e5_cn (Channel number) | BITSTRING[7] | | (1) |

**Detailed Comments** : (1) The octets 4 and 5 are only used in primary rate access configurations.

## Structured Type Definition

**Type Name** : CHI_RS (Channel identification)
**Encoding Variation** :
**Comments** : Information Element CHannel Identification
ETS 300 403−1 subclause 4.5.13
This special Channel identification information element type is used to handle restart procedures.

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| chi_i (Identifier) | CHI_I | | |
| chi_l (Length) | BITSTRING[8] | | |
| chi_e3_eb (Extension bit) | BITSTRING[1] | | |
| chi_e3_int ((Interface identifier present, interface type, preferred/exclusive) | BITSTRING[5] | | |
| chi_e3_cs (Channel selection) | BITSTRING[2] | | |
| chi_e4_csct (Coding standard, number bit, channel type) | BITSTRING[8] | | (1) |
| chi_e5_eb (Extension bit) | BITSTRING[1] | | (1) |
| chi_e5_cn (Channel number) | BITSTRING[7] | | (1) |
| chi_e6_eb (Extension bit) | BITSTRING[1] | | (1) (2) |
| chi_e6_cn (Channel number) | BITSTRING[7] | | (1) (2) |
| chi_cn (Channel number) | OCTETSTRING[1..30] | | (1) (2) |

**Detailed Comments** : (1) The octets following octet 3 only used in primary rate access configurations.
(2) Additional coding variants can be used to test the restart procedures.

## Structured Type Definition

**Type Name** : CID (Call identity)
**Encoding Variation** :
**Comments** : Information Element Call IDentity
ETS 300 403−1 subclause 4.5.6

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| cid_i (Identifier) | CID_I | | |
| cid_l (Length) | BITSTRING[8] | | |
| cid_ci (Call identity) | OCTETSTRING[0..8] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : CODN (Connected number)
**Encoding Variation** :
**Comments** : Information Element COnnecteD Number
ETS 300 097−1 subclause 7.1

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| codn_i (Identifier) | CODN_I | | |
| codn_l (Length) | OCTETSTRING[1] | | |
| codn_e3_ext (extension) | BITSTRING[1] | | |
| codn_e3_ton (Type of number) | BITSTRING[3] | | |
| codn_e3_npi (Numbering plan identifier) | BITSTRING[4] | | |
| codn_e3a_ext (extension) | BITSTRING[1] | | |
| codn_e3a_pi (Presentation indicator) | BITSTRING[2] | | |
| codn_e3a_sp (spare) | BITSTRING[3] | | |
| codn_e3a_si (Screening indicator) | BITSTRING[2] | | |
| codn_e4_nd (Number digits) | OCTETSTRING[0..20] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : CODS (Connected subaddress)
**Encoding Variation** :
**Comments** : Information Element COnnecteD Subaddress
ETS 300 097−1 subclause 7.2

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| cods_i (Identifier) | CODS_I | | |
| cods_l (Length) | OCTETSTRING[1] | | |
| cods_e3_tos (Type of subaddress) | BITSTRING[4] | | |
| cods_e3_oei (Odd/even indicator) | BITSTRING[1] | | |
| cods_e3_sp (Spare) | BITSTRING[3] | | |
| cods_e4_si (Subaddress information) | OCTETSTRING[1..20] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : CR (Call reference)
**Encoding Variation** :
**Comments** : Call Reference
ETS 300 403−1 subclause 4.3

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| cr_l1 (Length, bits 8 − 5) | BITSTRING[4] | | |
| cr_l2 (Length, bits 4 − 1) | CR_LENGTH_TYPE | | |
| cr_f (FLag) | FLAG_TYPE | | |
| cr_r (Call reference value) | CALL_REF_TYPE | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : DATI (Date/time)
**Encoding Variation** :
**Comments** : Info Element DAte/TIme
ETS 300 403−1 subclause 4.5.15

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| dati_i (Identifier) | DATI_I | | |
| dati_l (Length) | BITSTRING[8] | | |
| dati_dt (Date/time value) | OCTETSTRING[0..5] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : DSP (Display)
**Encoding Variation** :
**Comments** : Information Element DiSPlay
ETS 300 403−1 subclause 4.5.16

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| dsp_i (Identifier) | DSP_I | | |
| dsp_l (Length) | BITSTRING[8] | | |
| dsp_di (Display information) | OCTETSTRING[0..80] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : EFAC (Extended facility)
**Encoding Variation** :
**Comments** : Extended FACility
ETS 300 196−1 subclause 11.2.2.4

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| efac_i (Identifier) | EFAC_I | | |
| efac_l (Length) | OCTETSTRING[2 TO 250] | | |
| efac_e3_pp (Protocol profile) | BITSTRING[8] | | |
| efac_comp (Components) | OCTETSTRING[0..250] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : FAC (Facility)
**Encoding Variation** :
**Comments** : FACility
ETS 300 196−1 subclause 11.2.2.1

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| fac_i (Identifier) | FAC_I | | |
| fac_l (Length) | BITSTRING[8] | | |
| fac_e3_pp (Protocol profile) | BITSTRING[8] | | |
| fac_comp (Components) | Component | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : HLC (High layer compatibility)
**Encoding Variation** :
**Comments** : Info Element High Layer Compatibility
ETS 300 403−1 subclause 4.5.17

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| hlc_i (Identifier) | HLC_I | | |
| hlc_l (Length) | OCTETSTRING[1] | | |
| hlc_con (Contents) | OCTETSTRING[0..3] | | |

**Detailed Comments** :

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

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

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

## Structured Type Definition

**Type Name** : NSF (Network−specific facilities)
**Encoding Variation** :
**Comments** : Information Element Network−Specific Facilties
ETS 300 403−1 subclause 4.5.21

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| nsf_i (Identifier) | NSF_I | | |
| nsf_l (Length) | BITSTRING[8] | | |
| nsf_e3_lni (Length of network identification) | BITSTRING[8] | | |
| nsf_e4_toni (Type of network identification) | BITSTRING[4] | | |
| nsf_e4_nip (Network identification plan) | BITSTRING[4] | | |
| nsf_ni (Network identification) | OCTETSTRING[0..125] | | |
| nsf_nsfs (Network−specific facility specification) | OCTETSTRING[0..125] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : PI (Progress indicator)
**Encoding Variation** :
**Comments** : Information Element Progress Indicator
ETS 300 403−1 subclause 4.5.23

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| pi_i (Identifier) | PI_I | | |
| pi_l (Length) | BITSTRING[8] | | |
| pi_e3_pre (1.ext,Coding standard,spare) | BITSTRING[4] | | |
| pi_e3_loc (Coding standard, location) | BITSTRING[4] | | |
| pi_e4_eb (Extension bit) | BITSTRING[1] | | |
| pi_e4_pd (Progress description) | BITSTRING[7] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : RI (Restart indicator)
**Encoding Variation** :
**Comments** : Information Element Restart Indicator
ETS 300 403−1 subclause 4.5.25

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| ri_i (Identifier) | RI_I | | |
| ri_l (Length) | BITSTRING[8] | | |
| ri_sp (Spare) | BITSTRING[5] | | |
| ri_cl (Class) | BITSTRING[3] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : RNGN (Redirecting number)
**Encoding Variation** :
**Comments** : Info Element RedirectiNG Number
ETS 300 207 subclause 7.2.2

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| rngn_i (Identifier) | RNGN_I | | |
| rngn_l (Length) | OCTETSTRING[1] | | |
| rngn_e3_ext (Extension) | BITSTRING [1] | | |
| rngn_e3_ton (Type of number) | BITSTRING[3] | | |
| rngn_e3_npi (Numbering plan identifier) | BITSTRING[4] | | |
| rngn_e4_ext (Extension) | BITSTRING[1] | | |
| rngn_e4_pi (Presentation indicator) | BITSTRING[2] | | |
| rngn_e4_sp (Spare) | BITSTRING[5] | | |
| rngn_e5_sp (Spare) | BITSTRING[4] | | |
| rngn_e5_rfd (Reason for diversion) | BITSTRING[4] | | |
| rngn_e6_nd (Number digits) | OCTETSTRING[0 TO 20] | | |

**Detailed Comments** :

## Structured Type Definition

**Type Name** : RONN (Redirection number)
**Encoding Variation** :
**Comments** : Info Element RedirectiON Number
ETS 300 207−1 subclause 7.2.3

| Element Name | Type Definition | Field Encoding | Comments |
|---|---|---|---|
| ronn_i (Identifier) | RONN_I | | |
| ronn_l (Length) | BITSTRING[8] | | |
| ronn_e3_ex (extension) | BITSTRING[1] | | |
| ronn_e3_ton (Type of number) | BITSTRING[3] | | |
| ronn_e3_npi (Numbering plan identifier) | BITSTRING[4] | | |
| ronn_e4_ex (extension) | BITSTRING[1] | | |
| ronn_e4_pi (Presentation indicator) | BITSTRING[2] | | |
| ronn_e4_sp (Spare) | BITSTRING[5] | | |
| ronn_e5_nd (Number digits) | OCTETSTRING[0 TO 20] | | |

**Detailed Comments** :

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

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

| Structured Type Definition | | | |
|---|---|---|---|
| **Type Name** : CST (Call state) | | | |
| **Encoding Variation** : | | | |
| **Comments** : Information Element Call STate<br>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 stamdard) | BITSTRING[2] | | |
| cst_csv (Call state value) | BITSTRING[6] | | |
| **Detailed Comments** : | | | |

ASN.1 Type Definition

**Type Name** : OID
**Encoding Variation** :
**Comments** : Used by constraints cCBSOID & cCBS_T_OID and others to specify error and operation values.

Type Definition

```
OBJECT IDENTIFIER
```

**Detailed Comments** :

ASN.1 Type Definition

**Type Name** : RejectComponent
**Encoding Variation** :
**Comments** : Reject Component is not specific to any particular operation. The invokeID may be used to identify a specific operation.

Type Definition

```
SEQUENCE {
   invokedID CHOICE { invokeID InvokeIDType , null NULL } ,
   problem CHOICE { generalProblem [   0 ] IMPLICIT GeneralProblem , invokeProblem [   1 ]
IMPLICIT InvokeProblem , returnResultProblem [   2 ] IMPLICIT ReturnResultProblem ,
returnErrorProblem [   3 ] IMPLICIT ReturnErrorProblem }
   }
```

**Detailed Comments** : &COMMON_N12

ASN.1 Type Definition

**Type Name** : GeneralProblem
**Encoding Variation** :
**Comments** : from EN 300 196−1 D.1

Type Definition

```
ROSE_Problems (unrecognizedComponent   | mistypedComponent   | badlyStructuredComponent  )
```

**Detailed Comments** : &COMMON_N12
Type restricted to these three.

ASN.1 Type Definition

**Type Name** : InvokeProblem
**Encoding Variation** :
**Comments** : from EN 300 196−1 D.1

Type Definition

```
ROSE_Problems (duplicateInvocation   | unrecognizedOperation   | mistypedArgument   |
resourceLimitation   | initiatorReleasing   | unrecognizedLinkedID   |
linkedResponseUnexpected   | unexpectedChildOperation  )
```

**Detailed Comments** : &COMMON_N12
Type restricted to these 8.

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

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

## ASN.1 Type Definition

**Type Name** : ROSE_Problems

**Encoding Variation** :

**Comments** : from EN 300 196−1 D.1

Type Definition

```
INTEGER {
unrecognizedComponent (0) ,
unrecognizedInvocation (0) ,
duplicateInvocation (0) ,
mistypedComponent (1) ,
-- GeneralProblem
  errorResponseUnexpected (1) ,
-- ReturnResultProblem, ReturnErrorProblem
  resultResponseUnexpected (1) ,
-- InvokeProblem
  unrecognizedOperation (1) ,
-- GeneralProblem
  badlyStructuredComponent (2) ,
-- ReturnErrorProblem
  unrecognizedError (2) ,
-- ReturnResultProblem
  mistypedArgument (2) ,
-- InvokeProblem
  mistypedResult (2) ,
-- GeneralProblem
  resourceLimitation (3) ,
-- ReturnErrorProblem
  unexpectedError (3) ,
-- InvokeProblem
  mistypedParameter (4) ,
-- ReturnResultProblem
  initiatorReleasing (4) ,
-- InvokeProblem
  unrecognizedLinkedID (5) ,
-- ReturnErrorProblem
  linkedResponseUnexpected (6) ,
-- ReturnErrorProblem
  -- InvokeProblem
  -- InvokeProblem
  -- InvokeProblem
  unexpectedChildOperation (7)
  -- InvokeProblem

}
```

**Detailed Comments** : &COMMON_N12
Errors of the same integer value are distinguished by their different parent types (General, Invoke, ReturnResult, ReturnError).

## ASN.1 Type Definition

**Type Name** : Operation

**Encoding Variation** :

**Comments** : from EN 300 196−1 (table E.1) & CCITT X.219 (figure 4).

Type Definition

```
CHOICE { localValue INTEGER , globalValue OID }
```

**Detailed Comments** : &COMMON_N12

## ASN.1 Type Definition

**Type Name** : InvokeIDType
**Encoding Variation** :
**Comments** :

Type Definition

```
INTEGER (−32768   .. 32767  )
```

**Detailed Comments** : &COMMON_N12
Values: Sending Components:  If it is an invoke component then use Test Case Variable (with default) to set value. If another invoke component is sent the TCV should be incremented beforehand. If it is a return result, error or reject component in response to a received invoke component then use TCV also, making sure the value is set to the value of the received component beforehand.
Receiving Components: If it is an invoke comp then use ’?’. If it is a return result, error or reject component in response to a sent invoke component then use TCV value (as used in sent invoke component).

## ASN.1 Type Definition

**Type Name** : General_Components
**Encoding Variation** :
**Comments** : Non specified components must match this type definition.

Type Definition

```
CHOICE {
   general_InvokeComp [   1 ] IMPLICIT General_InvokeComponent ,
   general_ReturnResultComp [   2 ] IMPLICIT General_ReturnResultComponent ,
   general_ReturnErrorComp [   3 ] IMPLICIT General_ReturnErrorComponent ,
   general_RejectComp [   4 ] IMPLICIT RejectComponent
   }
-- This is the General InvokeComponent --
  General_InvokeComponent ::= SEQUENCE { invokeID InvokeIDType , linked_ID [   0 ] IMPLICIT
InvokeIDType OPTIONAL , operation_value Operation , argument ANY OPTIONAL }
-- This is the General ReturnResultComponent --
  General_ReturnResultComponent ::= SEQUENCE { invokeID InvokeIDType , valueAndResult SEQUENCE
{ operation_value Operation , result ANY } OPTIONAL }
-- This is the General ReturnErrorComponent --
  General_ReturnErrorComponent ::= SEQUENCE { invokeID InvokeIDType , error ANY }
```

**Detailed Comments** : &COMMON_N12

## ASN.1 Type Definition

**Type Name** : Component
**Encoding Variation** :
**Comments** : The collection of all possible components

Type Definition

```
CHOICE {
   general_Components General_Components
   }
```

**Detailed Comments** : plural (compontentS) as each type represents invoke_Components, return result_Components, return error etc.

| Test Suite Operation Definition | |
|---|---|
| **Operation Name** : | ASSIGN_CHI(basic, primary: CHI; basic_flag: BOOLEAN) |
| **Result Type** : | CHI |
| **Comments** : | This operation is used to assign a correct Channel identification information element to PDUs dependant on the type of access that is tested. |
| Description | |
| CHI ASSIGN_CHI(basic,primary,basic_flag)<br><br>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.<br><br>Examples:<br>ASSIGN_CHI(CHI1b_R1, CHI1p_R1, TRUE) = CHI1b_R1<br>ASSIGN_CHI(CHI1b_R1, CHI1p_R1, FALSE) = CHI1p_R1 | |
| **Detailed Comments** : | |

| Test Suite Operation Definition | |
|---|---|
| **Operation Name** : | ASSIGN_CHI_RS(basic, primary : CHI_RS; basic_flag : BOOLEAN) |
| **Result Type** : | CHI_RS |
| **Comments** : | This operation is used to assign a correct Channel identification information element to PDUs dependant on the type of access that is tested. This operation is very similar to ASSIGN_CHI. The only difference is that the type CHI_RS is used instead of CHI. |
| Description | |
| CHI_RS ASSIGN_CHI(basic,primary,basic_flag)<br><br>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.<br><br>Examples:<br>ASSIGN_CHI(CHI_RSb_R1, CHI_RSp_R1, TRUE) = CHI_RSb_R1<br>ASSIGN_CHI(CHI_RSb_R1, CHI_RSp_R1, FALSE) = CHI_RSp_R1 | |
| **Detailed Comments** : | |

| Test Suite Operation Definition | |
|---|---|
| **Operation Name** : | BIT_LOHI(PARAM: BITSTRING) |
| **Result Type** : | BITSTRING |
| **Comments** : | |
| Description | |
| This operation forces the compiler to send BITSTRING with length greater than8 from lowest to highest bit | |
| **Detailed Comments** : | |

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

| Test Suite Operation Definition | |
|---|---|
| **Operation Name** : | OCTET_TO_INT_1(param:OCTETSTRING) |
| **Result Type** : | INTEGER |
| **Comments** : | V. Bardaux, 15.2.2000, created to avoid +1 calculation in parameter list for P_GenNum_S |
| Description | |
| Convert an OCTETSTRING into an INTEGER and add 1 to the result | |
| **Detailed Comments** : | |

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

| Test Suite Parameter Declarations | | | |
|---|---|---|---|
| Parameter Name | Type | PICS/PIXIT Ref | Comments |
| PC_STREFPT | BOOLEAN | PICS, Table A.1/R.3.1 | TRUE if the SUT supports the ISDN coincidence S and T reference point |
| PC_TREFPT | BOOLEAN | PICS, Table A.1/R.3.2 | TRUE if the SUT supports the ISDN T reference point |
| PC_PT_PT | BOOLEAN | PICS, Table A.1/R.7.1 | TRUE if the SUT supports the ISDN Point to Point configuration. |
| PC_MPT | BOOLEAN | PICS, Table A.1/R7.2 | TRUE if the SUT supports the ISDN Point to Multipoint configuration. |
| PX_L2_INIT | BOOLEAN | PIXIT, Table | True if it is needed to init the layer 2 at the beginning of each test case. |
| PX_WAIT_RESTART | BOOLEAN | PIXIT | TRUE, if the IUT sends RESTART messages after re−establishment of the multiple frame operation |
| PX_CDPN_ND | OCTETSTRING | PIXIT | Number digits (IA5) for the Called party number information element to be sent to the IUT including the complete number digits of the access related to PTC2 (DSS1 −> ISUP) |
| PX_CDPN_OCTET3 | OCTETSTRING | PIXIT | Octet 3 (Type of number, Numbering plan identification) of the Called party number information elements to be sent to the IUT (DSS1 −> ISUP) |
| PX_BCAPV | OCTETSTRING | PIXIT | Contents (octet3 onwards) of the Bearer capabilty information element to be sent to the IUT |
| PX_HLCV1 | OCTETSTRING | PIXIT | Contents (octet3 onwards) of the High layer compatibility(#1) information element to be sent to the IUT, lower priority |
| PC_CLIP_Subscribed | BOOLEAN | PICS | True, if CLIP is subscribed |
| PC_CLIP_special_arrangement | BOOLEAN | PICS | True, if special arrangement for CLIP applies |
| PC_CLIP_two_calling_party | BOOLEAN | PICS | True, if two calling party delivery option applies |
| PX_CLIP_Failure_screening | BOOLEAN | PIXIT | True, if the failure of the screening can be provoked (CLIP SS) |
| PC_CLIR_Subscribed | BOOLEAN | PICS | True, if CLIR is subscribed |
| PC_CLIR_special_arrangement | BOOLEAN | PICS | True, if special arrangement for CLIR applies |
| PC_CLIR_permanent_mode | BOOLEAN | PICS | True, if CLIR permanent mode applies |
| PC_CLIR_Temporary_restricted | BOOLEAN | PICS | True, if CLIR temporary mode with default set to restricted applies |
| PC_CLIR_Temporary_allowed | BOOLEAN | PICS | True, if CLIR temporary mode with default set to allowed applies |
| PC_COLP_Subscribed | BOOLEAN | PICS | True, if COLP is subscribed |
| PC_COLP_special_arrangement | BOOLEAN | PICS | True, if special arrangement for COLP applies |
| PX_COLP_Failure_screening | BOOLEAN | PIXIT | True, if the failure of the screening can be provoked (COLP SS) |
| PC_COLR_Subscribed | BOOLEAN | PICS | True, if COLR is subscribed |
| PC_COLR_special_arrangement | BOOLEAN | PICS | True, if special arrangement for COLR applies |
| PC_COLR_permanent_mode | BOOLEAN | PICS | True, if COLR permanent mode applies |
| PC_COLR_Temporary_restricted | BOOLEAN | PICS | True, if COLR temporary mode with default set to restricted applies |
| PC_COLR_Temporary_allowed | BOOLEAN | PICS | True, if COLR temporary mode with default set to allowed applies |
| PC_SUB_Subscribed | BOOLEAN | PICS | True, if SUB is subscribed |
| PC_CW_Notification_delivered | BOOLEAN | PICS | True, if notification is delivered for CW (ISUP side) |
| PC_HOLD_Subscribed | BOOLEAN | PICS | True, if HOLD is subscribed |
| PC_HOLD_N4_Supported | BOOLEAN | PICS | True, if HOLD in state N4 is supported |
| PC_TP_Subscribed | BOOLEAN | PICS | True, if TP is subscribed |
| PX_NAT_NUMBER | OCTETSTRING | PIXIT | Digits of the complete national party number of the ISDN access (DSS1 −> ISUP) |

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| Test Suite Parameter Declarations | | | |
|---|---|---|---|
| Parameter Name | Type | PICS/PIXIT Ref | Comments |
| PX_INTERNAT_NUMBER | OCTETSTRING | PIXIT | Digits of a complete international party number of the ISDN access (DSS1 −> ISUP) |
| PX_INCOMP_NUMBER | OCTETSTRING | PIXIT | Digits of an incomplete party number of the ISDN access (DSS1 −> ISUP) |
| PX_SUBSCR_NUMBER | OCTETSTRING | PIXIT | Digits of a complete subscriber party number of the ISDN access (DSS1 −> ISUP) |
| PX_INV_NUMBER | OCTETSTRING | PIXIT | Invalid party number (DSS1 −> ISUP) |
| PX_NAT_NUMBER_R | OCTETSTRING | PIXIT | Digits of the national party number (ISUP −> DSS1) |
| PX_INTERNAT_NUMBER_R | OCTETSTRING | PIXIT | Digits of the international party number (ISUP −>DSS1) |
| PXP_CDPNL_NO_ST_S | OCTETSTRING | PIXIT Table | Length of the ISUP CDPN containing the complete address number and without the end of pulsing signal ’ST’ (OCTETSTRING[1]) |
| PXP_CDPNV_NO_ST_S | OCTETSTRING | PIXIT Table | Value of the ISUP CDPN containing the complete address number and without the end of pulsing signal ’ST’ (OCTETSTRING) |
| PXP_NI_R | BITSTRING | PIXIT Table | SS No. 7 Network indicator on the ISUP interface (BITSTRING[2]) |
| PXP_SP_IUT | INTEGER | PIXIT Table | SS No. 7 Signalling point code of the SUT on the ISUP interface (BITSTRING[14]) |
| PXP_SP_TISUP | INTEGER | PIXIT Table | SS No. 7 Signalling point code of the tester on the ISUP interface (bitstring[14]) |
| PXP_SLS | BITSTRING | PIXIT Table | SS No. 7 Signalling link selection on the ISUP interface (BITSTRING[4]) |
| PXP_CIC_S | BITSTRING | PIXIT Table | SS No. 7 Circuit Identification Code to be sent to the IUT (BITSTRING[12]) |
| PXP_NI_CALL_IND | BITSTRING | PIXIT | FCI National/International call indicator (BITSTRING[1]) |
| PXP_EE_METHOD | BITSTRING | PIXIT | FCI End−to−End method available (BITSTRING[2]) |
| PXP_EE_INFO_IND | BITSTRING | PIXIT | FCI End−to−End information indicator (BITSTRING[1]) |
| PXP_SCCP_IND | BITSTRING | PIXIT | FCI SCCP method indicator (BITSTRING[2]) |
| PXP_CGPG | BITSTRING | PIXIT | Calling party’s category field value (BITSTRING[8]) |
| PXP_TMR | OCTETSTRING | PIXIT Table | Content of the Transmission Medium Requirement(OCTETSTRING[1]) |
| PXP_DEFAULT_NUMBER | HEXSTRING | PIXIT | Address signals of the network provided default party number (ISUP −> DSS1) |
| PXP_NAT_NUMBER_R | HEXSTRING | PIXIT | Address signals of a complete national party number. (ISUP −> DSS1) |
| PXP_INTERNAT_NUMBER_R | HEXSTRING | PIXIT | Address signals of a complete international party number. (ISUP −>DSS1) |
| PXP_INCOMP_NUMBER_R | HEXSTRING | PIXIT | Address signals of a party number completed by the network (when an incomplete number was sent at the ISDN access). (ISUP −> DSS1) |
| PXP_SUBSCR_NUMBER_R | HEXSTRING | PIXIT | Address signals of a complete subscriber party number. (ISUP −> DSS1) |
| PXP_NAT_NUMBER_OE | BITSTRING | PIXIT | Odd/Even indicator of the national party number, BITSTRING[1] (ISUP −> DSS1) |
| PXP_NAT_NUMBER | HEXSTRING | PIXIT | Number digits of the national party number including the filler, if needed. (ISUP −> DSS1) |

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| Test Suite Parameter Declarations | | | |
|---|---|---|---|
| Parameter Name | Type | PICS/PIXIT Ref | Comments |
| PXP_INTERNAT_NUMBER_OE | BITSTRING | PIXIT | Odd/Even indicator of the international party number, BITSTRING[1] (ISUP –> DSS1) |
| PXP_INTERNAT_NUMBER | HEXSTRING | PIXIT | Number digits of the international party number including the filler, if needed. (ISUP –> DSS1) |
| PXP_T_GUARD | INTEGER | PIXIT Table | Guard timer for the test case (min 30 s) |
| PX_TAC | INTEGER | PIXIT | Value for timer that controls test events initiated by stimuli sent by the tester. (Value in seconds) |
| PX_TNOAC | INTEGER | PIXIT | Value for timer that controls the inactivity of the IUT. (Value in seconds) |
| PX_T_RESTART | INTEGER | PIXIT | Value for timer that is used to wait for RESTART messages. (Value in seconds) |
| PX_TWAIT | INTEGER | PIXIT | Value for timer that controls test events initiated at the IUT via a PTC or by the test operator. (Value in seconds) |
| **Detailed Comments :** | | | |

| Test Case Selection Expression Definitions | | |
|---|---|---|
| Expression Name | Selection Expression | Comments |
| T_REFPT | PC_TREFPT | TRUE if the ISDN support the T reference point |
| CLIP_special_arrangement | PC_CLIP_special_arrangement | True if special arrangement applies (for CLIP SS) |
| CLIP_NOT_special_arrangement | NOT PC_CLIP_special_arrangement | True if special arrangement does not applie (for CLIP SS) |
| CLIP_Failure_screening | PX_CLIP_Failure_screening | True if failure screening can be provoked (CLIP SS) |
| CLIP_Subscribed | PC_CLIP_Subscribed | True if CLIP suscribed |
| CLIP_NOT_Subscribed | NOT PC_CLIP_Subscribed | True if CLIP not suscribed |
| CLIP_two_calling_party | PC_CLIP_two_calling_party | True, if two calling party delivery option does not apply |
| CLIP_NOT_two_calling_party | NOT PC_CLIP_two_calling_party | True, if two calling party delivery option does not apply |
| CLIR_Subscribed | PC_CLIR_Subscribed | True if CLIR suscribed |
| CLIR_Not_Subscribed | NOT PC_CLIR_Subscribed | True if CLIR not suscribed |
| CLIR_special_arrangement | PC_CLIR_special_arrangement | True if special arrangement applies (for CLIR SS) |
| CLIR_NOT_special_arrangement | NOT PC_CLIR_special_arrangement | True if special arrangement does not applie (for CLIR SS) |
| CLIR_permanent_mode | PC_CLIR_permanent_mode | True if CLIR permanent mode applies |
| CLIR_Temporary_restricted | NOT PC_CLIR_permanent_mode AND PC_CLIR_Temporary_restricted | True, if CLIR temporary mode with default set to restricted applies |
| CLIR_Temporary_allowed | NOT PC_CLIR_permanent_mode AND PC_CLIR_Temporary_allowed | True, if CLIR temporary mode with default set to allowed applies |
| COLP_Subscribed | PC_COLP_Subscribed | True if COLP suscribed |
| COLP_NOT_Subscribed | NOT PC_COLP_Subscribed | True if COLP suscribed |
| COLR_Subscribed | PC_COLR_Subscribed | True if COLR suscribed |
| COLR_Not_Subscribed | NOT PC_COLR_Subscribed | True if COLR not suscribed |
| COLP_special_arrangement | PC_COLP_special_arrangement | True if special arrangement applies (for COLP SS) |
| COLP_NOT_special_arrangement | NOT PC_COLP_special_arrangement | True if special arrangement does not applie (for COLP SS) |
| COLP_Failure_screening | PX_COLP_Failure_screening | True if failure screening can be provoked (COLP SS) |
| COLR_special_arrangement | PC_COLR_special_arrangement | True if special arrangement applies (for COLR SS) |
| COLR_NOT_special_arrangement | NOT PC_COLR_special_arrangement | True if special arrangement does not applie (for COLR SS) |
| COLR_permanent_mode | PC_COLR_permanent_mode | True if COLR permanent mode applies |
| COLR_Temporary_restricted | NOT PC_COLR_permanent_mode AND PC_COLR_Temporary_restricted | True, if COLR temporary mode with default set to restricted applies |
| COLR_Temporary_allowed | NOT PC_COLR_permanent_mode AND PC_COLR_Temporary_allowed | True, if COLR temporary mode with default set to allowed applies |
| SUB_Subscribed | PC_SUB_Subscribed | True if COLR suscribed |
| CW_ST | PC_CW_Notification_delivered AND PC_STREFPT | True if notification is delivered for CW and S/T reference point supported |
| HOLD_ST | PC_HOLD_Subscribed AND PC_STREFPT | True if HOLD is subscribed and S/T reference point supported |
| HOLD_N4 | PC_HOLD_Subscribed AND PC_HOLD_N4_Supported | True if HOLD in state N4 is supported |
| TP_ST | PC_TP_Subscribed AND PC_STREFPT | True if TP and S/T reference point supported |
| **Detailed Comments :** | | |

| Test Suite Constant Declarations | | | |
|---|---|---|---|
| Constant Name | Type | Value | Comments |
| ID_BCAP | BITSTRING | ’00000100’B | Bearer capability |
| ID_CAU | BITSTRING | ’00001000’B | Cause |
| ID_CDPN | BITSTRING | ’01110000’B | Called party number |
| ID_CGPN | BITSTRING | ’01101100’B | Calling party number |
| ID_CHI | BITSTRING | ’00011000’B | Channel identification |
| ID_CID | BITSTRING | ’00010000’B | Call identity |
| ID_HLC | BITSTRING | ’01111101’B | High layer compatibilty |
| 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_HOLD | BITSTRING | ’00100100’B | |
| MT_HOLD_ACK | BITSTRING | ’00101000’B | |
| MT_HOLD_REJ | BITSTRING | ’00110000’B | |
| MT_INFORMATION | BITSTRING | ’01111011’B | |
| MT_NOTIFY | BITSTRING | ’01101110’B | |
| MT_PROGRESS | BITSTRING | ’00000011’B | |
| MT_RELEASE | BITSTRING | ’01001101’B | |
| MT_RELEASE_COM | BITSTRING | ’01011010’B | |
| MT_RESTART | BITSTRING | ’01000110’B | |
| MT_RESTART_ACK | BITSTRING | ’01001110’B | |
| MT_RESUME | BITSTRING | ’00100110’B | |
| MT_RESUME_ACK | BITSTRING | ’00101110’B | |
| MT_RETRIEVE | BITSTRING | ’00110001’B | |
| MT_RETRIEVE_ACK | BITSTRING | ’00110011’B | |
| MT_RETRIEVE_REJ | BITSTRING | ’00110111’B | |
| MT_SETUP | BITSTRING | ’00000101’B | |
| MT_SETUP_ACK | BITSTRING | ’00001101’B | |
| MT_STATUS | BITSTRING | ’01111101’B | |
| MT_STATUS_ENQ | BITSTRING | ’01110101’B | |
| MT_SUSPEND | BITSTRING | ’00100101’B | |
| MT_SUSPEND_ACK | BITSTRING | ’00101101’B | |
| MT_ACM | BITSTRING | ’00000110’B | |
| MT_ANM | BITSTRING | ’00001001’B | |
| MT_CON | BITSTRING | ’00000111’B | |
| MT_CPG | BITSTRING | ’00101100’B | |
| MT_IAM | BITSTRING | ’00000001’B | |
| MT_REL | BITSTRING | ’00001100’B | |
| MT_RES | BITSTRING | ’00001110’B | |
| MT_RLC | BITSTRING | ’00010000’B | |
| MT_RSC | BITSTRING | ’00010010’B | |
| MT_SUS | BITSTRING | ’00001101’B | |
| MT_BLA | BITSTRING | ’00010101’B | CHANGED/1/230998/ KP/10.2−99/ (ADDED) |
| MT_BLO | BITSTRING | ’00010011’B | CHANGED/1/230998/ KP/10.2−99/ (ADDED) |
| MT_UBA | BITSTRING | ’00010110’B | CHANGED/1/230998/ KP/10.2−99/ (ADDED) |

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| Test Suite Constant Declarations | | | |
|---|---|---|---|
| Constant Name | Type | Value | Comments |
| MT_UBL | BITSTRING | '00010100'B | CHANGED/1/230998/ KP/10.2−99/ (ADDED) |
| SCI_VALUE | BITSTRING | '10100001'B | Sending complete |
| PROTOCOL_DISCRIMINATOR_Q931 | BITSTRING | '00001000'B | (1) |
| PC_BASIC | BOOLEAN | TRUE | ISDN access is basic access |
| PX_CR_LENGTH | CR_LENGTH_TYPE | '0001'B | 7−bit call reference value |
| PX_CH_NUM | INTEGER | 1 | Channel number |
| **Detailed Comments :** | | | |

| Test Suite Variable Declarations | | | |
|---|---|---|---|
| Variable Name | Type | Value | Comments |
| CallID | INTEGER | 1 | Used to store the call identity |
| **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_S | CIC storage |
| CHI_LENGTH | BITSTRING | ’00000011’B | Length of Channel identification |
| CREF | CALL_REF_TYPE | | Call reference value |
| CREF2 | CALL_REF_TYPE | | 2nd call reference value |
| CREF3 | CALL_REF_TYPE | | 3rd call reference value |
| GLOB_CREF | CALL_REF_TYPE | | Global call reference value |
| CREF1_ACTIVE | BOOLEAN | TRUE | CREF1 active? |
| CREF2_ACTIVE | BOOLEAN | TRUE | CREF2 active? |
| CREF3_ACTIVE | BOOLEAN | FALSE | CREF3 active? |
| **Detailed Comments :** | | | |

| PCO Type Declarations | | |
|---|---|---|
| PCO Type | Role | Comments |
| SAP | LT | |
| ISUP_PCO | LT | |
| **Detailed Comments :** | | |

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

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

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

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

| Test Components Configuration Declaration | | | |
|---|---|---|---|
| **Configuration Name :** CONFIG1<br>**Comments :** | | | |
| Components Used | PCOs Used | CPs Used | Comments |
| MTCA<br>PTC1<br>PTC2 | <br>L1<br>L2 | CPA1,CPA2<br>CPA1<br>CPA2 | |
| **Detailed Comments :** | | | |

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

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

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

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

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

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

| ASP Type Definition | | |
|---|---|---|
| **ASP Name :** DL_DAT_IN (DL−DATA−INDICATION)<br>**PCO Type :** SAP<br>**Comments :** CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI)<br>This ASP is used to indicate the receipt of layer 3 PDUs using acknowledged operation (L2 −−−> L3). | | |
| Parameter Name | Parameter Type | Comments |
| mun (Message unit) | PDU | Network layer (peer−to−peer message) PDU. |
| **Detailed Comments :** | | |

| ASP Type Definition | | |
|---|---|---|
| **ASP Name :** DL_DAT_RQ (DL−DATA−REQUEST)<br>**PCO Type :** SAP<br>**Comments :** CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI)<br>This ASP is used to request the transmission of layer 3 PDUs using acknowledged operation (L3 −−−> L2). | | |
| Parameter Name | Parameter Type | Comments |
| mun (Message unit) | PDU | Network layer (peer−to−peer message) PDU. |
| **Detailed Comments :** | | |

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

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

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

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

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

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

## PDU Type Definition

**PDU Name** : ACM_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Address complete (TABLE 21 / Q.763) containng 7 differents ATP

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |
| BCI | backward_call_indicators | | m |
| opt_part_ptr | pointer | | m |
| OBCI | optional_backward_call_indicators | | o |
| CRef | call_reference | | o @ |
| Cause | cause_indicators | | o |
| UUInd | user_to_user_indicators | | o |
| UUInf | user_to_user_information | | o |
| ATP | access_transport | | o CHANGE /7/ |
| ATP_BCAP | access_transport1 | | o |
| ATP_PI | access_transport2 | | o |
| ATP_HLC | access_transport3 | | o |
| ATP_LLC | access_transport4 | | o |
| ATP_PIBC | access_transport8 | | o |
| ATP_BCPI | access_transport7 | | o |
| ATP_PIHLC | access_transport5 | | o |
| ATP_HLCPI | access_transport6 | | o |
| GenNot | generic_notification_indicator | | o 1. |
| TMU | transmission_medium_used | | o |
| EchoInf | echo_control_information | | o |
| ADInf | access_delivery_information | | o |
| RnNb | redirection_number | | o |
| ParCmp | parameter_compatibility_information | | o |
| CDInf | call_diversion_information | | o |
| NtwFac | network_specific_facility | | o @ |
| RemOp | remote_operations | | o @ |
| ServAct | service_activation | | o @ |
| RnNbRes | redirection_number_restriction | | o |
| CCNRPos | ccnr_possible_indicator | | o |
| NatPar | national_parameter | | o @ |
| EndOP | end_of_opt_param_ind | | o |

**Detailed Comments** : 1. This parameter could be included several times.
@ For national use only
Note: The order of the optional parameters (o) can be arbitrary.

PDU Type Definition

**PDU Name** : ANM_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Answer (TABLE 22 / Q.763) with ATP containing a High Layer Capability

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |
| opt_part_ptr | pointer | | m |
| BCI | backward_call_indicators | | o |
| OBCI | optional_backward_call_indicators | | o |
| CRef | call_reference | | o @ |
| UUInd | user_to_user_indicators | | o |
| UUInf | user_to_user_information | | o |
| ConNb | connected_number | | o |
| ATP | access_transport | | CHANGE /6/ |
| ATP_BCAP | access_transport1 | | o |
| ATP_PI | access_transport2 | | o |
| ATP_HLC | access_transport3 | | o |
| ATP_LLC | access_transport4 | | o |
| ATP_PIBC | access_transport8 | | o |
| ATP_BCPI | access_transport7 | | o |
| ATP_PIHLC | access_transport5 | | o |
| ATP_HLCPI | access_transport6 | | o |
| ADInf | access_delivery_information | | o |
| GenNot | generic_notification_indicator | | o 1. |
| ParCmp | parameter_compatibility_information | | o |
| CHInf | call_history_information | | o |
| GenNb | generic_number | | o 1. |
| TMU | transmission_medium_used | | o |
| NtwFac | network_specific_facility | | o @ |
| RemOp | remote_operations | | o @ |
| RnNb | redirection_number | | o |
| ServAct | service_activation | | o @ |
| EchoInf | echo_control_information | | o |
| RnNbRes | redirection_number_restriction | | o |
| NatPar | national_parameter | | o @ |
| EndOP | end_of_opt_param_ind | | o |

**Detailed Comments** : 1. This parameter could be repeated.
@ For national use only
Note: The order of the optional parameters (o) can be arbitrary.

PDU Type Definition

**PDU Name** : BLA_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CHANGE / 2.2 / 11.2−99 / KP

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |

**Detailed Comments** :

PDU Type Definition

**PDU Name** : BLO_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CHANGE / 2.2 / 11.2−99 / KP

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : CPG_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Call progress (TABLE 23 / Q.763) with ATP containing a bearer capability

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |
| EvInf | event_information | | m |
| opt_part_ptr | pointer | | m |
| Cause | cause_indicators | | o |
| CRef | call_reference | | o @ |
| BCI | backward_call_indicators | | o |
| OBCI | optional_backward_call_indicators | | o |
| ATP | access_transport | | CHANGE /4/ |
| ATP_BCAP | access_transport1 | | o |
| ATP_PI | access_transport2 | | o |
| ATP_HLC | access_transport3 | | o |
| ATP_LLC | access_transport4 | | o |
| ATP_PIBC | access_transport8 | | o |
| ATP_BCPI | access_transport7 | | o |
| ATP_PIHLC | access_transport5 | | o |
| ATP_HLCPI | access_transport6 | | o |
| UUInd | user_to_user_indicators | | o |
| RnNb | redirection_number | | o |
| UUInf | user_to_user_information | | o |
| GenNot | generic_notification_indicator | | o 1. |
| GenNot2 | generic_notification_indicator | | o 1. |
| NtwFac | network_specific_facility | | o @ |
| RemOp | remote_operations | | o @ |
| TMU | transmission_medium_used | | o |
| ADInf | access_delivery_information | | o |
| ParCmp | parameter_compatibility_information | | o |
| CDInf | call_diversion_information | | o |
| ServAct | service_activation | | o @ |
| RnNbRes | redirection_number_restriction | | o |
| CCNRPos | ccnr_possible_indicator | | o |
| NatPar | national_parameter | | o @ |
| Unknown | unknown_parameter | | o |
| EndOP | end_of_opt_param_ind | | o |

**Detailed Comments** : 1. This parameter could be repeatet.
@ For national use only
Note: The order of the optional parameters (o) can be arbitrary.

## PDU Type Definition

**PDU Name** : CON_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Connect (TABLE 27 / Q.763)

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |
| BCI | backward_call_indicators | | m |
| opt_part_ptr | pointer | | m |
| OBCI | optional_backward_call_indicators | | o |
| ConNb | connected_number | | o |
| CRef | call_reference | | o @ |
| UUInd | user_to_user_indicators | | o |
| UUInf | user_to_user_information | | o |
| ATP | access_transport | | o CHANGE /16/ TJS |
| ATP_BCAP | access_transport1 | | o |
| ATP_PI | access_transport2 | | o |
| ATP_HLC | access_transport3 | | o |
| ATP_LLC | access_transport4 | | o |
| ATP_PIBC | access_transport8 | | o |
| ATP_BCPI | access_transport7 | | o |
| ATP_PIHLC | access_transport5 | | o |
| ATP_HLCPI | access_transport6 | | o |
| NtwFac | network_specific_facility | | o @ |
| GenNot | generic_notification_indicator | | o 1. |
| RemOp | remote_operations | | o @ |
| TMU | transmission_medium_used | | o |
| EchoInf | echo_control_information | | o |
| ADInf | access_delivery_information | | o |
| CHInf | call_history_information | | o |
| ParCmp | parameter_compatibility_information | | |
| RnNb | redirection_number | | o |
| ServAct | service_activation | | o @ |
| GenNb | generic_number | | o 1. |
| RnNbRes | redirection_number_restriction | | o |
| NatPar | national_parameter | | o @ |
| EndOP | end_of_opt_param_ind | | o |

**Detailed Comments** : 1. This parameter could be in
Note: The order of the optional parameters (o) can be arbitrary.cluded several times.
@ For national use only

PDU Type Definition

**PDU Name** : IAM_PDU_R
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Initial address message (TABLE 32 / Q.763)

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |
| NatCon | nature_of_connection_indicators | | m |
| FCI | forward_call_indicators | | m |
| CgPC | calling_partys_category | | m |
| TMR | transmission_medium_requirement | | m |
| var_part_ptr | pointer | | m |
| opt_part_ptr | pointer | | m |
| CdPN | called_party_number_R | | v |
| TNtwSel | transit_network_selection | | o @ |
| CRef | call_reference | | o @ |
| CgPN | calling_party_number | | o |
| OFCI | optional_forward_call_indicators | | o |
| RgNb | redirecting_number | | o |
| RnInf | redirection_information | | o |
| CUGIC | closed_user_group_interlock_code | | o |
| ConRq | connection_request | | o |
| OriCdNb | original_called_number | | o |
| UUInf | user_to_user_information | | o |
| ATP | access_transport | | o |
| ATP_PI | access_transport2 | | o |
| ATP_HLC | access_transport3 | | o |
| ATP_LLC | access_transport4 | | o |
| ATP_2HLC | access_transport9 | | o |
| ATP_HLC_BC | access_transport10 | | o |
| ATP_BC_HLC | access_transport11 | | o |
| USI | user_service_information | | o |
| UUInd | user_to_user_indicators | | o |
| GenNb | generic_number | | o 1. |
| PDC | propagation_delay_counter | | o |
| USIp | user_service_information_prime | | o |
| NtwFac | network_specific_facility | | o @ |
| GenDig | generic_digits | | o @ 1. |
| OriISC | origination_ISC_point_code | | o |
| UTI | user_teleservice_information | | o |
| RemOp | remote_operations | | o @ |
| ParCmp | parameter_compatibility_information | | o |
| GenNot | generic_notification_indicator | | o 1. |
| ServAct | service_activation | | o @ |
| GenRef | generic_reference | | o |
| MLPPpre | MLPP_precedence | | o |
| TMRp | transmission_medium_requirement_prime | | o |
| LocNb | location_number | | o |
| CCSScall | ccss_call_indicator | | |
| NatPar | national_parameter | | |

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| PDU Type Definition | | | |
|---|---|---|---|
| Field Name | Field Type | Field Encoding | Comments |
| Unknown | unknown_parameter | | o |
| EndOP | end_of_opt_param_ind | | o |

**Detailed Comments :** 1. This parameter could be included several times.
@ For national use only
Note: The order of the optional parameters (o) can be arbitrary.

PDU Type Definition

**PDU Name** : IAM_PDU_S
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Initial address message (TABLE 32 / Q.763)

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |
| NatCon | nature_of_connection_indicators | | m |
| FCI | forward_call_indicators | | m |
| CgPC | calling_partys_category | | m |
| TMR | transmission_medium_requirement | | m |
| var_part_ptr | pointer | | m |
| opt_part_ptr | pointer | | m |
| CdPN | called_party_number_S | | v |
| TNtwSel | transit_network_selection | | o @ |
| CRef | call_reference | | o @ |
| CgPN | calling_party_number | | o |
| OFCI | optional_forward_call_indicators | | o |
| RgNb | redirecting_number | | o |
| RnInf | redirection_information | | o |
| CUGIC | closed_user_group_interlock_code | | o |
| ConRq | connection_request | | o |
| OriCdNb | original_called_number | | o |
| UUInf | user_to_user_information | | o |
| ATP | access_transport | | o |
| ATP_PI | access_transport2 | | o |
| ATP_HLC | access_transport3 | | o |
| ATP_LLC | access_transport4 | | o |
| ATP_2HLC | access_transport9 | | o |
| USI | user_service_information | | o |
| UUInd | user_to_user_indicators | | o |
| GenNb | generic_number | | o 1. |
| PDC | propagation_delay_counter | | o |
| USIp | user_service_information_prime | | o |
| NtwFac | network_specific_facility | | o @ |
| GenDig | generic_digits | | o @ 1. |
| OriISC | origination_ISC_point_code | | o |
| UTI | user_teleservice_information | | o |
| RemOp | remote_operations | | o @ |
| ParCmp | parameter_compatibility_information | | o |
| GenNot | generic_notification_indicator | | o 1. |
| ServAct | service_activation | | o @ |
| GenRef | generic_reference | | o |
| MLPPpre | MLPP_precedence | | o |
| TMRp | transmission_medium_requirement_prime | | o |
| LocNb | location_number | | o |
| CCSScall | ccss_call_indicator | | |
| Unknown | unknown_parameter | | o |
| EndOP | end_of_opt_param_ind | | o |

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| PDU Type Definition |
|---|
| **Detailed Comments** : 1. This parameter could be included several times.<br>@ For national use only<br>Note: The order of the optional parameters (o) can be arbitrary. |

| PDU Type Definition | | | |
|---|---|---|---|
| **PDU Name** : REL_PDU | | | |
| **PCO Type** : ISUP_PCO | | | |
| **Encoding Rule Name** : | | | |
| **Encoding Variation** : | | | |
| **Comments** : Release (TABLE 33 / Q.763) | | | |
| Field Name | Field Type | Field Encoding | Comments |
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |
| var_part_ptr | pointer | | m |
| opt_part_ptr | pointer | | m |
| Cause | cause_indicators | | v |
| RnInf | redirection_information | | o @ |
| RnNb | redirection_number | | o @ |
| ATP | access_transport | | o |
| ATP_PI | access_transport2 | | o |
| SPC | signalling_point_code | | o @ |
| UUInf | user_to_user_information | | o |
| ACL | automatic_congestion_level | | o |
| NtwFac | network_specific_facility | | o @ |
| ADInf | access_delivery_information | | o |
| ParCmp | parameter_compatibility_information | | o |
| RnNbRes | redirection_number_restriction | | o |
| UUInd | user_to_user_indicators | | o |
| NatPar | national_parameter | | o @ |
| Unknown | unknown_parameter | | o |
| EndOP | end_of_opt_param_ind | | o |
| **Detailed Comments** : @ For national use only<br>Note: The order of the optional parameters (o) can be arbitrary. | | | |

## PDU Type Definition

**PDU Name** : RLC_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Release complete (TABLE 34 / Q.763)

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |
| opt_part_ptr | pointer | | m |
| Cause | cause_indicators | | o |
| Unknown | unknown_parameter | | o |
| EndOP | end_of_opt_param_ind | | o |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : RSC_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : reset circuit (TABLE 39 / Q.763)

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : RES_SUS_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Resume 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 |
| SusResInd | suspend_resume_indicators | | m |
| opt_part_ptr | pointer | | m |
| CallRef | call_reference | | v |
| EndOP | end_of_opt_param_ind | | o |

**Detailed Comments** : @ For national use only
Note: The order of the optional parameters (o) can be arbitrary.

## PDU Type Definition

**PDU Name** : UBA_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Blocking (TABLE 39 / Q.763) CHANGE / 2 / 10.2.1999 / KP

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : UBL_PDU
**PCO Type** : ISUP_PCO
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Blocking (TABLE 39 / Q.763) CHANGE / 2 / 10.2.1999 / KP

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | routing_label | | m |
| CICode | circuit_identification_code | | m |
| MType | message_type | | m |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : ALERTING_PDU (ALERTING)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: global Direction: both
ETS 300 403−1 subclause 3.1.1

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| bcap (Bearer capability) | BCAP | | Direction: both, type: O, length: 4 − 12 octets |
| efac (Extended facility) | EFAC | | Direction: both, type: O, length: 2 − * octets |
| chi (Channel identification) | CHI | | Direction: u>n , type: O, length: 2 − 34 octets |
| fac (Facility) | FAC | | Direction: both, type: O, length: 2 − * octets |
| pi1 (Progress indicator) | PI | | Direction: both, type: O, length: 2 − 4 octets |
| pi2 (Progress indicator) | PI | | Direction: both, type: O, length: 2 − 4 octets |
| noid (Notification indicator) | NOID | | Direction: both, type: O, length: 2 − * octets |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |
| ronn (Redirection number) | RONN | | Direction: n>u , type: O, length: 2 − 24 octets |
| hlc (High layer compatibilty) | HLC | | Direction: both, type: O, length: 2 − 4 octets |
| uui (User−user) | UUI | | Direction: both, type: O, length: 2 − * octets |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : CALL_PROC_PDU (CALL PROCEEDING)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: both
ETS 300 403−1 subclause 3.1.2

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| bcap (Bearer capability) | BCAP | | Direction: both, type: O, length: 4 − 12 octets |
| efac (Extended facility) | EFAC | | Direction: both, type: O, length: 2 − * octets |
| chi (Channel identification) | CHI | | Direction: both, type: O, length: 2 − 34 octets (1) |
| fac (Facility) | FAC | | Direction: both, type: O, length: 2 − * octets |
| pi1 (Progress indicator) | PI | | Direction: both, type: O, length: 2 − 4 octets |
| pi2 (Progress indicator) | PI | | Direction: both, type: O, length: 2 − 4 octets |
| noid (Notification indicator) | NOID | | Direction: both, type: O, length: 2 − * octets |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |
| hlc (High layer compatibilty) | HLC | | Direction: both, type: O, length: 2 − 4 octets |

**Detailed Comments** : (1) Mandatory in the network−to−user direction.

## PDU Type Definition

**PDU Name** : CONNECT_PDU (CONNECT)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: global Direction: both
ETS 300 403−1 subclause 3.1.3

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

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : CONNECT_ACK_PDU (CONNECT ACKNOWLEDGE)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: global Direction: both
ETS 300 403−1 subclause 3.1.4

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| efac (Extended facility) | EFAC | | Direction: both, type: O, length: 2 − * octets |
| fac (Facility) | FAC | | Direction: both, type: O, length: 2 − * octets |
| noid (Notification indicator) | NOID | | Direction: both, type: O, length: 2 − * octets |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : DISCONNECT_PDU (DISCONNECT)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: global Direction: both
ETS 300 403−1 subclause 3.1.5

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| cau (Cause) | CAU | | Direction: both, type: M, length: 4 − 32 octets |
| efac (Extended facility) | EFAC | | Direction: both, type: O, length: 2 − * octets |
| fac (Facility) | FAC | | Direction: both, type: O, length: 2 − * octets |
| pi (Progress indicator) | PI | | Direction: n>u , type: O, length: 2 − 4 octets |
| noid (Notification indicator) | NOID | | Direction: both, type: O, length: 2 − * octets |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |
| uui (User−user) | UUI | | Direction: both, type: O, length: 2 − * octets |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : GFP_MSG_PDU
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: none Direction: user−to−network
ETS 300 196−1 subclause 11

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | GFP_MT_LIST | | Direction: both, type: M, length: 1 octet |
| ie_list (Information elements) | IE_LIST | | Direction: both, type: O, length: 1 − * octets |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : HOLD_PDU
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : HOLD u <−> n
EN 300 196 clause 11.1.1.2

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd | PD | | protocol discriminator M |
| cr | CR | | call reference M OCTETSTRING[1..3] |
| mt | MT | | message type M |
| fac | FAC | | facility O |
| dsp | DSP | | display (n −>u) O OCTETSTRING[2..34] |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : HOLD_ACK_PDU
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : HOLD_ACKnowledge u <−> n
EN 300 196 clause 11.1.1.3

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd | PD | | protocol discriminator M |
| cr | CR | | call reference M OCTETSTRING[1..3] |
| mt | MT | | message type M |
| fac | FAC | | facility in tabular form |
| dsp | DSP | | display (n −>u) O OCTETSTRING[2..34] |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : HOLD_REJ_PDU
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : HOLD REJECT u <−> n
EN 300 196 clause 11.1.1.4

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd | PD | | protocol discriminator M |
| cr | CR | | call reference M OCTETSTRING[1..3] |
| mt | MT | | message type M |
| cau | CAU | | cause O |
| fac | FAC | | facility O |
| dsp | DSP | | display (n −>u) O OCTETSTRING[2..34] |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : RETRIEVE_PDU
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : RETrieve u <−> n
EN 300 196 clause 11.1.1.5

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd | PD | | protocol discriminator M |
| cr | CR | | call reference M OCTETSTRING[1..3] |
| mt | MT | | message type M |
| chi | CHI | | channel identification C OCTETSTRING[2..5] |
| fac | FAC | | facility in tabular form |
| dsp | DSP | | display (n −>u) O OCTETSTRING[2..34] |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : RETRIEVE_ACK_PDU
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : RETrieve_ACKnowledge u <−> n
EN 300 196 clause 11.1.1.6

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd | PD | | protocol discriminator M |
| cr | CR | | call reference M OCTETSTRING[1..3] |
| mt | MT | | message type M |
| chi | CHI | | channel identification C OCTETSTRING[2..5] |
| fac | FAC | | facility in tabular form |
| dsp | DSP | | display (n −>u) O OCTETSTRING[2..34] |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : RETRIEVE_REJ_PDU
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : RETRIEVE REJECT u <−> n
EN 300 196 clause 11.1.1.7

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd | PD | | protocol discriminator M |
| cr | CR | | call reference M OCTETSTRING[1..3] |
| mt | MT | | message type M |
| cau | CAU | | cause O |
| fac | FAC | | facility O |
| dsp | DSP | | display (n −>u) O OCTETSTRING[2..34] |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : INFORMATION_PDU (INFORMATION)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: both
ETS 300 403−1 subclause 3.1.6

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| sci (Sending complete) | SCI | | Direction: both, type: 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 |

**Detailed Comments** : (1) The Sending complete information element may be located at any position in the message.

## PDU Type Definition

**PDU Name** : NOTIFY_PDU (NOTIFY)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: access Direction: both
ETS 300 403−1 subclause 3.1.7

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| noid (Notification indicator) | NOID | | Direction: both, type: M, length: 2 − * octets |
| noid2 (Notification indicator) | NOID | | Direction: both, type: M, length: 2 − * octets |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |
| ronn (Redirection number) | RONN | | Direction: n>u , type: O, length: 2 − 24 octets |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : PROGRESS_PDU (PROGRESS)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : PROGRESS message with two progress indicators
Significance: global Direction: both
ETS 300 403−1 subclause 3.1.8

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| bcap (Bearer capability) | BCAP | | Direction: n>u , type: O, length: 4 − 12 octets |
| cau (Cause) | CAU | | Direction: both, type: O, length: 4 − 32 octets |
| efac (Extended facility) | EFAC | | Direction: both, type: O, length: 2 − * octets |
| fac (Facility) | FAC | | Direction: both, type: O, length: 2 − * octets |
| pi1 (Progress indicator) | PI | | Direction: both, type: M, length: 4 octets |
| pi2 (Progress indicator) | PI | | Direction: both, type: M, length: 4 octets |
| noid (Notification indicator) | NOID | | Direction: both, type: O, length: 2 − * octets |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |
| ronn (Redirection number) | RONN | | Direction: n>u , type: O, length: 2 − 24 octets |
| hlc (High layer compatibilty) | HLC | | Direction: both, type: O, length: 2 − 4 octets |
| uui (User−user) | UUI | | Direction: both, type: O, length: 2 − * octets |

**Detailed Comments** :

PDU Type Definition

**PDU Name** : RELEASE_PDU (RELEASE)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: both
ETS 300 403−1 subclause 3.1.9

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| cau (Cause) | CAU | | Direction: both, type: O, length: 4 − 32 octets (1) |
| 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 |
| uui (User−user) | UUI | | Direction: both, type: O, length: 2 − * octets |

**Detailed Comments** : (1) Mandatory in the first call clearing message, including when the RELEASE message is sent as a result of an error handling condition.

PDU Type Definition

**PDU Name** : RELEASE_COM_PDU (RELEASE COMPLETE)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: both
ETS 300 403−1 subclause 3.1.10

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| cau (Cause) | CAU | | Direction: both, type: O, length: 4 − 32 octets (1) |
| 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 |
| uui (User−user) | UUI | | Direction: both, type: O, length: 2 − * octets |

**Detailed Comments** : (1) Mandatory in the first call clearing message, including when the RELEASE message is sent as a result of an error handling condition.

## PDU Type Definition

**PDU Name** : RESTART_PDU (RESTART)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: both
ETS 300 403−1 subclause 3.4.1

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| chi (Channel identification) | CHI | | Direction: both, type: O, length: 2 − 34 octets |
| chi_rs (Channel identification) | CHI_RS | | Direction: both, type: O, length: 2 − 34 octets (1) |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |
| ri (Restart indicator) | RI | | Direction: both, type: M, length: 3 octets |

**Detailed Comments** : (1) This special Channel identification information element type is used to handle the restart procedures.

## PDU Type Definition

**PDU Name** : RESTART_ACK_PDU (RESTART ACKNOWLEDGE)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: both
ETS 300 403−1 subclause 3.4.2

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| chi (Channel identification) | CHI | | Direction: both, type: O, length: 2 − 34 octets |
| chi_rs (Channel identification) | CHI_RS | | Direction: both, type: O, length: 2 − 34 octets (1) |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |
| ri (Restart indicator) | RI | | Direction: both, type: M, length: 3 octets |

**Detailed Comments** : (1) This special Channel identification information element type is used to handle the restart procedures.

## PDU Type Definition

**PDU Name** : RESUME_PDU (RESUME)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: user−to−network
ETS 300 403−1 subclause 3.1.11

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: u>n , type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: u>n , type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: u>n , type: M, length: 1 octet |
| efac (Extended facility) | EFAC | | Direction: u>n , type: O, length: 2 − * octets |
| cid (Call identity) | CID | | Direction: u>n , type: M, length: 2 − 10 octets |
| fac (Facility) | FAC | | Direction: u>n , type: O, length: 2 − * octets |
| noid (Notification indicator) | NOID | | Direction: u>n , type: O, length: 2 − * octets |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : RESUME_ACK_PDU (RESUME ACKNOWLEDGE)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: network−to−user
ETS 300 403−1 subclause 3.1.12

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: n>u , type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: n>u , type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: n>u , type: M, length: 1 octet |
| efac (Extended facility) | EFAC | | Direction: n>u , type: O, length: 2 − * octets |
| chi (Channel identification) | CHI | | Direction: n>u , type: M, length: 2 − 34 octets |
| fac (Facility) | FAC | | Direction: n>u , type: O, length: 2 − * octets |
| noid (Notification indicator) | NOID | | Direction: n>u , type: O, length: 2 − * octets |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : SETUP_PDU (SETUP)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: global Direction: both
ETS 300 403−1 subclause 3.1.14

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| sci (Sending complete) | SCI | | Direction: both, type: O, length: 1 octet (1) |
| bcap (Bearer capability) | BCAP | | Direction: both, type: M, length: 4 − 12 octets |
| bcap_2s (Bearer capability) | BCAP | | Direction: both, type: M, length: 4 − 12 octets (2) |
| efac (Extended facility) | EFAC | | Direction: both, type: O, length: 2 − * octets |
| chi (Channel identification) | CHI | | Direction: both, type: O, length: 2 − 34 octets |
| fac (Facility) | FAC | | Direction: both, type: O, length: 2 − * octets |
| pi (Progress indicator) | PI | | Direction: both, type: O, length: 2 − 4 octets |
| nsf (Network−specific facilities) | NSF | | Direction: both, type: O, length: 2 − * octets |
| noid (Notification indicator) | NOID | | Direction: both, type: O, length: 2 − * octets |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |
| dati (Date/time) | DATI | | Direction: n>u , type: O, length: 2 − 7 octets |
| kpf (Keypad facility) | KPF | | Direction: u>n , type: O, length: 2 − 34 octets |
| cgpn (Calling party number) | CGPN | | Direction: both, type: O, length: 2 − 24 octets |
| cgpn_2 (Calling party number) | CGPN | | Direction: both, type: O, length: 2 − 24 octets |
| cgps (Calling party subaddress) | CGPS | | Direction: both, type: O, length: 2 − 23 octets |
| cdpn (Called party number) | CDPN | | Direction: both, type: O, length: 2 − 23 octets |
| cdps (Called party subaddress) | CDPS | | Direction: both, type: O, length: 2 − 23 octets |
| rngn (Redirecting number) | RNGN | | Direction: n>u , type: O, length: 2 − 24 octets |
| rngn_2 (second Redirecting number ) | RNGN | | Direction: n>u , type: O, length: 2 − 24 octets |
| tns (Transfer network selection) | TNS | | Direction: u>n , type: O, length: 2 − * octets |
| llc (Low layer compatibilty) | LLC | | Direction: both, type: O, length: 2 − 16 octets |
| hlc (High layer compatibilty) | HLC | | Direction: both, type: O, length: 2 − 4 octets |
| hlc_2 (High layer compatibilty) | HLC | | Direction: both, type: O, length: 2 − 4 octets (2) |
| uui (User−user) | UUI | | Direction: both, type: O, length: 2 − * octets |
| sci_2 (Sending complete) | SCI | | Direction: both, type: O, length: 1 octet (1) |

**Detailed Comments** : (1) The Sending complete information element may be located at any position in the message.
(2) Bearer capability and High layer compatibility information elements may be repeated, if fallback to an alternative service is allowed. For the repeated Bearer capability information element two different types are used for sending and receiving.

## PDU Type Definition

**PDU Name** : SETUP_ACK_PDU (SETUP ACKNOWLEDGE)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : 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 |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : STATUS_ENQ_PDU (STATUS ENQUIRY)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: both
ETS 300 403−1 subclause 3.1.17

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : STATUS_PDU (STATUS)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: both
ETS 300 403−1 subclause 3.1.16, 3.4.3

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: both, type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: both, type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: both, type: M, length: 1 octet |
| cau (Cause) | CAU | | Direction: both, type: M, length: 4 − 32 octets |
| cst (Call state) | CST | | Direction: both, type: M, length: 3 octets |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : SUSPEND_PDU (SUSPEND)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: user−to−network
ETS 300 403−1 subclause 3.1.18

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: u>n , type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: u>n , type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: u>n , type: M, length: 1 octet |
| efac (Extended facility) | EFAC | | Direction: u>n , type: O, length: 2 − * octets |
| cid (Call identity) | CID | | Direction: u>n , type: O, length: 2 − 10 octets |
| fac (Facility) | FAC | | Direction: u>n , type: O, length: 2 − * octets |
| noid (Notification indicator) | NOID | | Direction: u>n , type: O, length: 2 − * |

**Detailed Comments** :

## PDU Type Definition

**PDU Name** : SUSPEND_ACK_PDU (SUSPEND ACKNOWLEDGE)
**PCO Type** : SAP
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Significance: local Direction: network−to−user
ETS 300 403−1 subclause 3.1.19

| Field Name | Field Type | Field Encoding | Comments |
|---|---|---|---|
| pd (Protocol discriminator) | PD | | Direction: n>u , type: M, length: 1 octet |
| cr (Call reference) | CR | | Direction: n>u , type: M, length: 1 − 3 octets |
| mt (Message type) | MT | | Direction: n>u , type: M, length: 1 octet |
| efac (Extended facility) | EFAC | | Direction: n>u , type: O, length: 2 − * octets |
| fac (Facility) | FAC | | Direction: n>u , type: O, length: 2 − * octets |
| noid (Notification indicator) | NOID | | Direction: n>u , type: O, length: 2 − * octets |
| dsp (Display) | DSP | | Direction: n>u , type: O, length: 2 − 82 octets |

**Detailed Comments** :

| CM Type Definition | | |
|---|---|---|
| **CM Name :** CP_M<br>**Comments :** coordination message | | |
| Parameter Name | Parameter Type | Comments |
| CM_content | IA5String | message content in clear text |
| **Detailed Comments :** | | |

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

# III

# Constraints Part

## Structured Type Constraint Declaration

**Constraint Name** : ISUP_SIO(NIval: BITSTRING)
**Structured Type** : service_information_octet
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| NI | NIval | | |
| spare | ’00’B | | spare ’00’B |
| SIO | ’0101’B | | ISDN User Part identification |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ACL_R_S
**Structured Type** : automatic_congestion_level
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00100111’B | | |
| length | ’01’O | | |
| ACL_field | ’00000001’B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ADInf_R
**Structured Type** : access_delivery_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00101110’B | | |
| length | ’01’O | | |
| spare | ’0000000’B | | |
| ADI | ’?’B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ATP_R
**Structured Type** : access_transport
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00000011'B | | |
| length | * | | |
| ATP_field_ID | * | | |
| ATP_field_length | * | | |
| ATP_field_value | * | | |
| ATP_field2_ID | * | | CHANGED/KP/22.2−98/Added |
| ATP_field2_length | * | | CHANGED/KP/22.2−98/Added |
| ATP_field2_value | * | | CHANGED/KP/22.2−98/Added |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ATP_RS_4(cpa_pi_loc:BITSTRING; cpa_pi_pd:INTEGER)
**Structured Type** : access_transport2
**Derivation Path** :
**Encoding Variation** :
**Comments** : 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) |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ATP_R_CLIP
**Structured Type** : access_transport
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00000011'B | | |
| length | ? | | |
| ATP_field_ID | ('01111101'B, '01101101'B) | | |
| ATP_field_length | ? | | |
| ATP_field_value | ? | | |
| ATP_field2_ID | '01101101'B IF_PRESENT | | CHANGED/KP/22.2−98/Added |
| ATP_field2_length | * | | CHANGED/KP/22.2−98/Added |
| ATP_field2_value | * | | CHANGED/KP/22.2−98/Added |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ATP_R_COLP
**Structured Type** : access_transport
**Derivation Path** :
**Encoding Variation** :
**Comments** : Including a calling party subaddress

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00000011'B | | |
| length | ? | | |
| ATP_field_ID | ('01001101'B, '01111101'B) | | |
| ATP_field_length | ? | | |
| ATP_field_value | ? | | |
| ATP_field2_ID | '01001101'B IF_PRESENT | | CHANGED/KP/22.2−98/Added |
| ATP_field2_length | * | | CHANGED/KP/22.2−98/Added |
| ATP_field2_value | * | | CHANGED/KP/22.2−98/Added |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ATP_S_CLIP
**Structured Type** : access_transport
**Derivation Path** :
**Encoding Variation** :
**Comments** : Including a calling party subaddress

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00000011’B | | |
| length | ’07’O | | |
| ATP_field_ID | ’01101101’B | | |
| ATP_field_length | ’05’O | | |
| ATP_field_value | ’8050333231’O | | |
| ATP_field2_ID | − | | CHANGED/KP/22.2−98/Added |
| ATP_field2_length | − | | CHANGED/KP/22.2−98/Added |
| ATP_field2_value | − | | CHANGED/KP/22.2−98/Added |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ATP_S_COLP
**Structured Type** : access_transport
**Derivation Path** :
**Encoding Variation** :
**Comments** : Including a calling party subaddress

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00000011’B | | |
| length | ’07’O | | |
| ATP_field_ID | ’01001101’B | | |
| ATP_field_length | ’05’O | | |
| ATP_field_value | ’8050333231’O | | |
| ATP_field2_ID | − | | CHANGED/KP/22.2−98/Added |
| ATP_field2_length | − | | CHANGED/KP/22.2−98/Added |
| ATP_field2_value | − | | CHANGED/KP/22.2−98/Added |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ATP_R1_SUB
**Structured Type** : access_transport
**Derivation Path** :
**Encoding Variation** :
**Comments** : Including a called party subaddress

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00000011'B | | |
| length | ? | | |
| ATP_field_ID | '01110001'B | | |
| ATP_field_length | '05'O | | |
| ATP_field_value | '8050333231'O | | |
| ATP_field2_ID | * | | CHANGED/KP/22.2−98/Added |
| ATP_field2_length | * | | CHANGED/KP/22.2−98/Added |
| ATP_field2_value | * | | CHANGED/KP/22.2−98/Added |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ATP_R2_SUB
**Structured Type** : access_transport
**Derivation Path** :
**Encoding Variation** :
**Comments** : Including a called party subaddress

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00000011'B | | |
| length | ? | | |
| ATP_field_ID | ? | | |
| ATP_field_length | ? | | |
| ATP_field_value | ? | | |
| ATP_field2_ID | '01110001'B | | CHANGED/KP/22.2−98/Added |
| ATP_field2_length | '05'O | | CHANGED/KP/22.2−98/Added |
| ATP_field2_value | '8050333231'O | | CHANGED/KP/22.2−98/Added |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ATP_S_SUB
**Structured Type** : access_transport
**Derivation Path** :
**Encoding Variation** :
**Comments** : Including a called party subaddress

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00000011'B | | |
| length | '07'O | | |
| ATP_field_ID | '01110001'B | | |
| ATP_field_length | '05'O | | |
| ATP_field_value | '8050333231'O | | |
| ATP_field2_ID | − | | CHANGED/KP/22.2−98/Added |
| ATP_field2_length | − | | CHANGED/KP/22.2−98/Added |
| ATP_field2_value | − | | CHANGED/KP/22.2−98/Added |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_BCI_m_R
**Structured Type** : backward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive BCI

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | − | | |
| length | − | | |
| EEMthI | '??'B | | |
| CdPC | '??'B | | |
| CdPSI | '??'B | | |
| ChgI | '??'B | | |
| SCCPMI | '??'B | | |
| ECDI | '?'B | | |
| ISDNAI | '?'B | | |
| HoldI | '?'B | | |
| ISUPI | '?'B | | |
| EEInfI | '?'B | | |
| IWI | '?'B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_BCI_m_R7

**Structured Type** : backward_call_indicators

**Derivation Path** :

**Encoding Variation** :

**Comments** : Receive BCI with:
Called Party's Status (CPS) indicator: "no indication (00)",
Called party's category indicator: "no indication(00)" or "ordinary subscriber(01)" or "payphone(10)",
interworking indicator: "no interworking encountered (0)",
ISUP indicator: "ISUP used all the way",
ISDN access indicator set to "ISDN"

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | − | | |
| length | − | | |
| EEMthI | '??'B | | |
| CdPC | ('00'B, '01'B, '10'B) | | "no indication" or "ordinary subscriber" or "payphone" |
| CdPSI | '00'B | | "no indication" |
| ChgI | '??'B | | |
| SCCPMI | '??'B | | |
| ECDI | '?'B | | |
| ISDNAI | ? | | |
| HoldI | '?'B | | |
| ISUPI | '1'B | | "ISUP used all the way" |
| EEInfI | '?'B | | |
| IWI | '0'B | | "no interworking encountered" |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_BCI_m_S1
**Structured Type** : backward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** : CPS ind: no indication
ISUP ind: ISUP is used all the way
ISDN access ind: ISDN

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | − | | |
| length | − | | |
| EEMthI | ’00’B | | no method available |
| CdPC | ’01’B | | ordinary subscriber |
| CdPSI | ’00’B | | no indication |
| ChgI | ’10’B | | Charge indicator |
| SCCPMI | ’00’B | | no indication |
| ECDI | ’0’B | | incoming half echo control device not included |
| ISDNAI | ’1’B | | terminating access ISDN |
| HoldI | ’0’B | | holding not requested |
| ISUPI | ’1’B | | ISUP used all the way |
| EEInfI | ’0’B | | no end−to−end information available |
| IWI | ’0’B | | no interworking encountered |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_BCI_m_S2 (cpa_cdpsi,cpa_isupi,cpa_isdnai:BITSTRING)
**Structured Type** : backward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** : CPS ind: parameter
ISUP ind: parameter
ISDN access ind: parameter

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | − | | |
| length | − | | |
| EEMthI | ’00’B | | no method available |
| CdPC | ’01’B | | ordinary subscriber |
| CdPSI | cpa_cdpsi | | ’00’B−>"no indication"<br>’01’B−>"subscriber free"<br>’10’B−>"connect when free"<br>’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<br>’1’B−> terminating access ISDN |
| HoldI | ’0’B | | holding not requested |
| ISUPI | cpa_isupi | | ’0’B ISUP not used all the way<br>’1’B ISUP used all the way |
| EEInfI | ’0’B | | no end−to−end information available |
| IWI | ’0’B | | no interworking encountered |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_BCI_o_R
**Structured Type** : backward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive BCI

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00010001’B | | |
| length | ’02’O | | |
| EEMthI | ’??’B | | |
| CdPC | ’??’B | | |
| CdPSI | ’??’B | | |
| ChgI | ’??’B | | |
| SCCPMI | ’??’B | | |
| ECDI | ’?’B | | |
| ISDNAI | ’?’B | | |
| HoldI | ’?’B | | |
| ISUPI | ’?’B | | |
| EEInfI | ’?’B | | |
| IWI | ’?’B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_Cause_m_R
**Structured Type** : cause_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** : receive cause value

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | − | | |
| length | ? | | |
| ExtI_1 | ’1’B | | last octet |
| CodS | ’00’B | | CCITT standardized coding |
| spare | ’0’B | | |
| Loc | ’????’B | | |
| ExtI_2 | ’?’B | | |
| CauseV | ’???????’B | | |
| Diag | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_Cause_m_S
**Structured Type** : cause_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | – | | |
| length | ’02’O | | |
| ExtI_1 | ’1’B | | last octet |
| CodS | ’00’B | | CCITT standardized coding |
| spare | ’0’B | | |
| Loc | ’0000’B | | User |
| ExtI_2 | ’1’B | | last octet |
| CauseV | ’0010000’B | | Normal call clearing |
| Diag | – | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_Cause_o_R
**Structured Type** : cause_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00010010’B | | |
| length | ? | | |
| ExtI_1 | ’1’B | | last octet |
| CodS | ’00’B | | CCITT standardized coding |
| spare | ’0’B | | |
| Loc | ’????’B | | |
| ExtI_2 | ’?’B | | |
| CauseV | ’???????’B | | |
| Diag | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CCNRPos_R
**Structured Type** : ccnr_possible_indicator
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '01111010'B | | |
| length | '01'O | | |
| spare | ? | | |
| ccnr_possible | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CCSScall_R
**Structured Type** : ccss_call_indicator
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '01001011'B | | |
| length | '01'O | | |
| spare | ? | | |
| ccns_call | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CDInf_R
**Structured Type** : call_diversion_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00110110'B | | |
| length | '01'O | | |
| CDInf_sp | ? | | |
| CDInf_rr | ? | | |
| CDInf_nso | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CHInf_R
**Structured Type** : call_history_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00101101'B | | |
| length | '02'O | | |
| CHInf_field | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CIC_R_S(CICnr: BITSTRING)
**Structured Type** : circuit_identification_code
**Derivation Path** :
**Encoding Variation** :
**Comments** : CHANGE / 3.1 / 12.2−99 / KP

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| CIC | BIT_LOHI(CICnr) | | CICnr |
| spare | BIT_LOHI('0000'B) | | '0000'B |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CIC_iam_R
**Structured Type** : circuit_identification_code
**Derivation Path** :
**Encoding Variation** :
**Comments** : CHANGE / 3.1 / 12.2−99 / KP

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| CIC | BIT_LOHI(?) | | ? |
| spare | BIT_LOHI('0000'B) | | '0000'B |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CdPN_R
**Structured Type** : called_party_number_R
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| length | ? | | |
| OdEvI | '?'B | | |
| NatAdrI | ('0000011'B,<br>'0000100'B,<br>'0000001'B) | | |
| INtwNbI | '?'B | | |
| NbPI | '???'B | | |
| spare | '0000'B | | |
| AdSg | ? | | |
| ST | * | | |
| Filler | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

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

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| length | cpa_length | | |
| value | cpa_value | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CgPC_m_R
**Structured Type** : calling_partys_category
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | − | | |
| length | − | | |
| CgPC_field | '????????'B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CgPC_m_RS
**Structured Type** : calling_partys_category
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | − | | |
| length | − | | |
| CgPC_field | PXP_CGPG | | |

**Detailed Comments** : Calling party’s category Pixit

## Structured Type Constraint Declaration

**Constraint Name** : P_CgPN_R
**Structured Type** : calling_party_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00001010’B | | |
| length | ? | | |
| OdEvI | ’?’B | | |
| NatAdrI | ? | | |
| CgPNII | ’?’B | | |
| NbPI | ’???’B | | |
| APRI | ’??’B | | |
| ScrI | ’??’B | | |
| AdSg_ST_Fil | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CgPN_R_CLIP (cpa_NAI, cpa_screening:BITSTRING; cpa_digits:HEXSTRING)
**Structured Type** : calling_party_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00001010’B | | |
| length | ? | | |
| OdEvI | ’?’B | | |
| NatAdrI | cpa_NAI | | |
| CgPNII | ’?’B | | |
| NbPI | ’001’B | | |
| APRI | ’??’B | | |
| ScrI | cpa_screening | | |
| AdSg_ST_Fil | cpa_digits | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CgPN_R_CLIR (cpa_apri:BITSTRING)
**Structured Type** : calling_party_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00001010'B | | |
| length | ? | | |
| OdEvI | '?'B | | |
| NatAdrI | '???????'B | | |
| CgPNII | '?'B | | |
| NbPI | '001'B | | |
| APRI | cpa_apri | | |
| ScrI | '??'B | | |
| AdSg_ST_Fil | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CgPN_S
**Structured Type** : calling_party_number
**Derivation Path** :
**Encoding Variation** :
**Comments** : Dummy calling party number

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00001010'B | | |
| length | '04'O | | |
| OdEvI | '0'B | | |
| NatAdrI | '0000001'B | | subscriber number |
| CgPNII | '0'B | | |
| NbPI | '001'B | | |
| APRI | '00'B | | |
| ScrI | '11'B | | |
| AdSg_ST_Fil | '2143'H | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CgPN_S1 (cpa_apri, cpa_nai, cpa_scri : BITSTRING )
**Structured Type** : calling_party_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00001010’B | | |
| length | INT_TO_OCTET(((LENGTH_OF(PXP_NAT_NUMBER) / 2) + 2), 1) | | |
| OdEvI | PXP_NAT_NUMBER_OE | | |
| NatAdrI | cpa_nai | | |
| CgPNII | ’0’B | | |
| NbPI | ’001’B | | |
| APRI | cpa_apri | | |
| ScrI | cpa_scri | | |
| AdSg_ST_Fil | PXP_NAT_NUMBER | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CgPN_S2 (cpa_apri, cpa_nai, cpa_scri : BITSTRING )
**Structured Type** : calling_party_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00001010’B | | |
| length | INT_TO_OCTET(((LENGTH_OF(PXP_INTERNAT_NUMBER) / 2) + 2), 1) | | |
| OdEvI | PXP_INTERNAT_NUMBER_OE | | |
| NatAdrI | cpa_nai | | subscriber number |
| CgPNII | ’0’B | | |
| NbPI | ’001’B | | |
| APRI | cpa_apri | | |
| ScrI | cpa_scri | | |
| AdSg_ST_Fil | PXP_INTERNAT_NUMBER | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CgPN_S3 (cpa_apri, cpa_nai, cpa_scri : BITSTRING )
**Structured Type** : calling_party_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00001010’B | | |
| length | ’02’O | | |
| OdEvI | ’0’B | | |
| NatAdrI | cpa_nai | | subscriber number |
| CgPNII | ’1’B | | |
| NbPI | ’001’B | | |
| APRI | cpa_apri | | |
| ScrI | cpa_scri | | |
| AdSg_ST_Fil | − | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ConNb_R
**Structured Type** : connected_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00100001’B | | |
| length | ? | | |
| OdEvI | ’?’B | | Odd/even indicator |
| NatAdrI | ’???????’B | | Nature of address indicators |
| spare | ’?’B | | Spare |
| NbPI | ’???’B | | Numbering plan indicator |
| APRI | ’??’B | | Address presentation restriction indicator |
| ScrI | ’??’B | | Screening indicator |
| AdSg | ? | | Address signal |
| Filler | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ConNb_R_COLR (cpa_apri :BITSTRING)
**Structured Type** : connected_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00100001'B | | |
| length | ? | | |
| OdEvI | '?'B | | Odd/even indicator |
| NatAdrI | ? | | Nature of address indicators |
| spare | '?'B | | Spare |
| NbPI | '001'B | | Numbering plan indicator |
| APRI | cpa_apri | | Address presentation restriction indicator |
| ScrI | ? | | Screening indicator |
| AdSg | * | | Address signal |
| Filler | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ConNb_R1 (cpa_nai, cpa_si, cpa_apri :BITSTRING; cpa_digits:HEXSTRING)
**Structured Type** : connected_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00100001'B | | |
| length | ? | | |
| OdEvI | '?'B | | Odd/even indicator |
| NatAdrI | cpa_nai | | Nature of address indicators |
| spare | '?'B | | Spare |
| NbPI | '001'B | | Numbering plan indicator |
| APRI | cpa_apri | | Address presentation restriction indicator |
| ScrI | cpa_si | | Screening indicator |
| AdSg | cpa_digits | | Address signal |
| Filler | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ConNb_S1 (cpa_apri, cpa_nai, cpa_si :BITSTRING)
**Structured Type** : connected_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00100001’B | | |
| length | INT_TO_OCTET(((LENGTH_OF(PXP_NAT_NUMBER) / 2) + 2), 1) | | |
| OdEvI | PXP_NAT_NUMBER_OE | | Odd/even indicator |
| NatAdrI | cpa_nai | | Nature of address indicators |
| spare | ’0’B | | Spare |
| NbPI | ’001’B | | Numbering plan indicator |
| APRI | cpa_apri | | Address presentation restriction indicator |
| ScrI | cpa_si | | Screening indicator |
| AdSg | PXP_NAT_NUMBER | | Address signal |
| Filler | – | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ConNb_S2 (cpa_apri, cpa_nai, cpa_si :BITSTRING)
**Structured Type** : connected_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00100001’B | | |
| length | INT_TO_OCTET(((LENGTH_OF(PXP_INTERNAT_NUMBER) / 2) + 2), 1) | | |
| OdEvI | PXP_INTERNAT_NUMBER_OE | | Odd/even indicator |
| NatAdrI | cpa_nai | | Nature of address indicators |
| spare | ’0’B | | Spare |
| NbPI | ’001’B | | Numbering plan indicator |
| APRI | cpa_apri | | Address presentation restriction indicator |
| ScrI | cpa_si | | Screening indicator |
| AdSg | PXP_INTERNAT_NUMBER | | Address signal |
| Filler | – | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ConNb_S3 (cpa_apri, cpa_nai, cpa_si :BITSTRING)
**Structured Type** : connected_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00100001’B | | |
| length | ’02’O | | |
| OdEvI | ’0’B | | Odd/even indicator |
| NatAdrI | cpa_nai | | Nature of address indicators |
| spare | ’0’B | | Spare |
| NbPI | ’001’B | | Numbering plan indicator |
| APRI | cpa_apri | | Address presentation restriction indicator |
| ScrI | cpa_si | | Screening indicator |
| AdSg | − | | Address signal |
| Filler | − | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ConRq_R
**Structured Type** : connection_request
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00001101’B | | |
| length | ’07’O | | |
| ConRq_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CRef_R
**Structured Type** : call_reference
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00000001’B | | |
| length | ’05’O | | |
| CRef_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_CUGIC_R
**Structured Type** : closed_user_group_interlock_code
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00011010'B | | |
| length | ? | | |
| CUGIC_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_EchoInf_R
**Structured Type** : echo_control_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00110111'B | | |
| length | '01'O | | |
| IEchoRqI | '??'B | | |
| OEchoRqI | '??'B | | |
| IEchoRsI | '??'B | | |
| OEchoRsI | '??'B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_EvInf_R1(cpa_eventi: INTEGER)
**Structured Type** : event_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| EvPRI | '?'B | | |
| EventI | INT_TO_BIT(cpa_eventi, 7) | | parameter |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_EvInf_S(cpa_eventi: INTEGER)
**Structured Type** : event_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| EvPRI | '0'B | | No Indication |
| EventI | INT_TO_BIT(cpa_eventi, 7) | | parameter |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_FCI_base_R
**Structured Type** : forward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** : @ For national use only

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| IPI | '??'B | | |
| ISUPI | '?'B | | ISUP used all the way |
| EEInfI | '?'B | | |
| IWI | '0'B | | no interworking encountered |
| EEMthI | '??'B | | |
| InatCI | '?'B | | |
| spare_2 | '????'B | | @ |
| spare_1 | '0'B | | |
| SCCPMI | '??'B | | |
| ISDNAI | '?'B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_FCI_S(cpa_isupi,cpa_isdnai: BITSTRING)
**Structured Type** : forward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| IPI | ’00’B | | ISUP preferred all the way |
| ISUPI | cpa_isupi | | ISUP used all the way |
| 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 |

**Detailed Comments** : FCI Interworking indicator: no interworking encountered
FCI ISDN user part indicator: parameter
FCI ISDN access indicator: parameter
FCI ISDN user part preference indicator: ISDN user part preferred all the way
FCI National/International call indicator: FCI_NI_CALL_IND (PIXIT)
FCI End−to−end method available: FCI_EE_METHOD (PIXIT)
FCI End−to−End information indicator: FCI_EE_INFO_IND (PIXIT)
FCI SCCP method indicator: FCI_SCCP_IND (PIXIT)

## Structured Type Constraint Declaration

**Constraint Name** : P_GenNb_R
**Structured Type** : generic_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’11000000’B | | |
| length | ? | | |
| NQI | ? | | Number qualifier indicator |
| OdEvI | ? | | Odd/even indicator |
| NatAdrI | ? | | Nature of address indicator |
| NbIInd | ? | | Number incomplete indicator |
| NbPI | ? | | Numbering plan indicator |
| AdPreRInd | ? | | Address presentation restricted indicator |
| ScrInd | ? | | Screening indicator |
| AdSg_Filler | ? | | Address signals |

**Detailed Comments** :

| Structured Type Constraint Declaration | | | |
|---|---|---|---|
| **Constraint Name** : P_GenNb_R_CLIP (cpa_nai, cpa_npi, cpa_screening:BITSTRING; cpa_digits: HEXSTRING) | | | |
| **Structured Type** : generic_number | | | |
| **Derivation Path** : | | | |
| **Encoding Variation** : | | | |
| **Comments** : | | | |
| Element Name | Element Value | Element Encoding | Comments |
| parameter_type | '11000000'B | | |
| length | ? | | |
| NQI | ? | | Number qualifier indicator |
| OdEvI | ? | | Odd/even indicator |
| NatAdrI | cpa_nai | | Nature of address indicator |
| NbIInd | ? | | Number incomplete indicator |
| NbPI | cpa_npi | | Numbering plan indicator |
| AdPreRInd | ? | | Address presentation restricted indicator |
| ScrInd | cpa_screening | | Screening indicator |
| AdSg_Filler | cpa_digits | | Address signals and filler (if present) |
| **Detailed Comments** : | | | |

| Structured Type Constraint Declaration | | | |
|---|---|---|---|
| **Constraint Name** : P_GenNb_R_CLIR ( cpa_apri : BITSTRING ) | | | |
| **Structured Type** : generic_number | | | |
| **Derivation Path** : | | | |
| **Encoding Variation** : | | | |
| **Comments** : | | | |
| Element Name | Element Value | Element Encoding | Comments |
| parameter_type | '11000000'B | | |
| length | ? | | |
| NQI | ? | | Number qualifier indicator |
| OdEvI | ? | | Odd/even indicator |
| NatAdrI | ? | | Nature of address indicator |
| NbIInd | ? | | Number incomplete indicator |
| NbPI | ? | | Numbering plan indicator |
| AdPreRInd | cpa_apri | | Address presentation restricted indicator |
| ScrInd | ? | | Screening indicator |
| AdSg_Filler | * | | Address signals and filler (if present) |
| **Detailed Comments** : | | | |

## Structured Type Constraint Declaration

**Constraint Name** : P_GenNb_R_COLP (cpa_nai, cpa_screening, cpa_apri :BITSTRING; cpa_digits:HEXSTRING)
**Structured Type** : generic_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’11000000’B | | |
| length | ? | | |
| NQI | ? | | Number qualifier indicator |
| OdEvI | ? | | Odd/even indicator |
| NatAdrI | cpa_nai | | Nature of address indicator |
| NbIInd | ? | | Number incomplete indicator |
| NbPI | ’001’B | | Numbering plan indicator |
| AdPreRInd | cpa_apri | | Address presentation restricted indicator |
| ScrInd | cpa_screening | | Screening indicator |
| AdSg_Filler | cpa_digits | | Address signals and filler (if present) |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_GenNb_R_COLR ( cpa_apri :BITSTRING)
**Structured Type** : generic_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’11000000’B | | |
| length | ? | | |
| NQI | ? | | Number qualifier indicator |
| OdEvI | ? | | Odd/even indicator |
| NatAdrI | ? | | Nature of address indicator |
| NbIInd | ? | | Number incomplete indicator |
| NbPI | ’001’B | | Numbering plan indicator |
| AdPreRInd | cpa_apri | | Address presentation restricted indicator |
| ScrInd | ? | | Screening indicator |
| AdSg_Filler | * | | Address signals and filler (if present) |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_GenNb_S1 (cpa_apri, cpa_nai, cpa_screening, cpa_nqi: BITSTRING)
**Structured Type** : generic_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’11000000’B | | |
| length | INT_TO_OCTET(((LENGTH_OF(PXP_NAT_NUMBER) / 2) + 3), 1) | | |
| NQI | cpa_nqi | | Number qualifier indicator |
| OdEvI | PXP_NAT_NUMBER_OE | | Odd/even indicator |
| NatAdrI | cpa_nai | | Nature of address indicator |
| NbIInd | ’0’B | | Number incomplete indicator |
| NbPI | ’001’B | | Numbering plan indicator |
| AdPreRInd | cpa_apri | | Address presentation restricted indicator |
| ScrInd | cpa_screening | | Screening indicator |
| AdSg_Filler | PXP_NAT_NUMBER | | Address signals and filler (if present) |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_GenNb_S2 (cpa_apri, cpa_nai, cpa_screening, cpa_nqi: BITSTRING)
**Structured Type** : generic_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’11000000’B | | |
| length | INT_TO_OCTET(((LENGTH_OF(PXP_INTERNAT_NUMBER) / 2) + 3), 1) | | |
| NQI | cpa_nqi | | Number qualifier indicator |
| OdEvI | PXP_INTERNAT_NUMBER_OE | | Odd/even indicator |
| NatAdrI | cpa_nai | | Nature of address indicator |
| NbIInd | ’0’B | | Number incomplete indicator |
| NbPI | ’001’B | | Numbering plan indicator |
| AdPreRInd | cpa_apri | | Address presentation restricted indicator |
| ScrInd | cpa_screening | | Screening indicator |
| AdSg_Filler | PXP_INTERNAT_NUMBER | | Address signals and filler (if present) |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_GenDig_R
**Structured Type** : generic_digits
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '11000001'B | | |
| length | ? | | |
| GenDig_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_GenNot_R
**Structured Type** : generic_notification_indicator
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00101100'B | | |
| length | '01'O | | |
| GenNot_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_GenNot_RS (cpa_genNot : OCTETSTRING)
**Structured Type** : generic_notification_indicator
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00101100'B | | |
| length | '01'O | | |
| GenNot_contents | cpa_genNot | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_GenRef_R
**Structured Type** : generic_reference
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '01000010'B | | |
| length | ? | | |
| GenRef_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_LocNb_R
**Structured Type** : location_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00111111'B | | |
| length | ? | | |
| OdEvI | '?'B | | |
| NatAdrI | '???????'B | | |
| INtwNbI | '1'B | | Routing to internal number not allowed |
| NbPI | '???'B | | |
| APRI | '??'B | | |
| ScrI | '??'B | | |
| AdSg | ? | | |
| Filler | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_MLPPpre_R
**Structured Type** : MLPP_precedence
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00111010'B | | |
| length | '06'O | | |
| MLPPpre_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_NatCon_R
**Structured Type** : nature_of_connection_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| spare | '000'B | | |
| ECDI | '?'B | | |
| CntChI | '??'B | | Continuity check not required |
| SatI | '??'B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_NatCon_S(cpa_cntchi: BITSTRING)
**Structured Type** : nature_of_connection_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| spare | '000'B | | |
| ECDI | '0'B | | Outgoing half echo control device not included |
| CntChI | cpa_cntchi | | |
| SatI | '00'B | | no satellite circuit in the connection |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_NtwFac_R
**Structured Type** : network_specific_facility
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00101111'B | | |
| length | ? | | |
| NtwFac_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_OBCI_R
**Structured Type** : optional_backward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00101001’B | | |
| length | ’01’O | | |
| spare | ’0000’B | | |
| MLPPUsrI | ’0’B | | no indication |
| SgmI | ’?’B | | |
| CDmo | ’?’B | | |
| InBndInfI | ’?’B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_OBCI_S(cpa_ibii:BITSTRING)
**Structured Type** : optional_backward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** : OBCI inband inf: Test Suite parameter

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00101001’B | | |
| 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’<br>’1’->’yes’ |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_OFCI_R
**Structured Type** : optional_forward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00001000'B | | |
| length | '01'O | | |
| COLRqI | '?'B | | not requested |
| spare | '0000'B | | |
| SgmI | '?'B | | no additional information will be sent |
| CUGCI | '??'B | | non−CUG call |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_OFCI_S
**Structured Type** : optional_forward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00001000'B | | |
| length | '01'O | | |
| COLRqI | '1'B | | requested |
| spare | '0000'B | | |
| SgmI | '0'B | | no additional information will be sent |
| CUGCI | '00'B | | non−CUG call |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_OFCI_R_COLP
**Structured Type** : optional_forward_call_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00001000'B | | |
| length | '01'O | | |
| COLRqI | '1'B | | requested |
| spare | '0000'B | | |
| SgmI | '?'B | | no additional information will be sent |
| CUGCI | '??'B | | non−CUG call |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_OriCdNb_R
**Structured Type** : original_called_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00101000'B | | |
| length | ? | | |
| OdEvI | '?'B | | |
| NatAdrI | '???????'B | | |
| spare_1 | '0'B | | |
| NbPI | '001'B | | ISDN numbering plan (E.164) |
| APRI | '??'B | | |
| spare_2 | '00'B | | |
| AdSg | ? | | |
| Filler | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_OriISC_R
**Structured Type** : origination_ISC_point_code
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00101011'B | | |
| length | '02'O | | |
| OriISC_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ParCmp_R
**Structured Type** : parameter_compatibility_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00111001'B | | |
| length | ? | | |
| UParid_1 | '????????'B | | |
| ExtI_1 | '?'B | | |
| PassNPI_1 | '??'B | | |
| DParI_1 | '?'B | | |
| DMsgI_1 | '?'B | | |
| SendNfI_1 | '?'B | | |
| RlsCI_1 | '?'B | | |
| TransI_1 | '?'B | | |
| UParid_2 | * | | |
| ExtI_2 | * | | |
| InstrI_2 | * | | |
| UParid_3 | * | | |
| ExtI_3 | * | | |
| InstrI_3 | * | | |
| UParid_4 | * | | |
| ExtI_4 | * | | |
| InstrI_4 | * | | |
| UParid_5 | * | | |
| ExtI_5 | * | | |
| InstrI_5 | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_PDC_R
**Structured Type** : propagation_delay_counter
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00110001'B | | |
| length | '02'O | | |
| PDC_field | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_RemOp_R
**Structured Type** : remote_operations
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00110010'B | | |
| length | ? | | |
| RemOp_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_RgNb_R
**Structured Type** : redirecting_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00001011'B | | |
| length | ? | | |
| OdEvI | '?'B | | |
| NatAdrI | '???????'B | | |
| spare_1 | '0'B | | |
| NbPI | '001'B | | ISDN numbering plan (E.164) |
| APRI | '??'B | | |
| spare_2 | '00'B | | |
| AdSg | ? | | |
| Filler | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_RnInf_R
**Structured Type** : redirection_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00010011'B | | |
| length | ('01'O,'02'O) | | |
| OriRnReas | * | | |
| spare_1 | '0'B IF_PRESENT | | |
| RgIc | * | | |
| RgReas | '????'B | | |
| spare_2 | '0'B | | |
| RnCnt | '???'B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_RnNb_R
**Structured Type** : redirection_number
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00001100'B | | |
| length | ? | | |
| OdEvI | '?'B | | |
| NatAdrI | ('0000011'B, '0000100'B) | | national (significant) number OR international number |
| INtwNbI | '?'B | | internal network number indicator |
| NbPI | '001'B | | ISDN numbering plan (E.164) |
| spare | '????'B | | |
| AdSg | ? | | |
| Filler | * | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_RnNbRes_R
**Structured Type** : redirection_number_restriction
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '01000000'B | | |
| length | '01'O | | |
| RnNbRes_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_Routing_label_R
**Structured Type** : routing_label
**Derivation Path** :
**Encoding Variation** :
**Comments** : CHANGE / 3.1 / 12.2−99 / KP

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| DestPC | BIT_LOHI (INT_TO_BIT (PXP_SP_TISUP, 14)) | | INT_TO_BIT (PXP_SP_TISUP, 14) |
| OrigPC | BIT_LOHI (INT_TO_BIT (PXP_SP_IUT, 14)) | | INT_TO_BIT (PXP_SP_IUT, 14) |
| SLSel | BIT_LOHI(?) | | ? |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_Routing_label_S
**Structured Type** : routing_label
**Derivation Path** :
**Encoding Variation** :
**Comments** : Routing label to sent. CHANGE / 12.2−99 / KPlohi

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| DestPC | BIT_LOHI (INT_TO_BIT(PXP_SP_IUT, 14)) | | INT_TO_BIT(PXP_SP_IUT, 14) |
| OrigPC | BIT_LOHI (INT_TO_BIT (PXP_SP_TISUP, 14)) | | INT_TO_BIT (PXP_SP_TISUP, 14) |
| SLSel | BIT_LOHI (PXP_SLS) | | PXP_SLS |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_ServAct_R
**Structured Type** : service_activation
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00110011’B | | |
| length | ? | | |
| ServAct_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_SPC_R
**Structured Type** : signalling_point_code
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ’00011110’B | | |
| length | ’02’O | | |
| SPC_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_SRIndf_RS ( cpa_sri : BITSTRING )
**Structured Type** : suspend_resume_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| spare_7 | '0000000'B | | |
| SRInd | cpa_sri | | Suspend Resume indicator |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_TMRp_R
**Structured Type** : transmission_medium_requirement_prime
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00111110'B | | |
| length | ? | | length present |
| TMRp_field | ? | | value present |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_TMU_R
**Structured Type** : transmission_medium_used
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00110101'B | | |
| length | ? | | length present |
| TMU_field | ? | | value present |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_TNtwSel_R
**Structured Type** : transit_network_selection
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00100011'B | | |
| length | ? | | |
| TNtwSel_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_UUInd_R
**Structured Type** : user_to_user_indicators
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00101010'B | | |
| length | '01'O | | |
| NtwDI | '?'B | | |
| Serv3 | '??'B | | |
| Serv2 | '??'B | | |
| Serv1 | '??'B | | |
| Type | '?'B | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_UUInf_R
**Structured Type** : user_to_user_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00100000'B | | |
| length | ? | | |
| UUInf_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_USI_R
**Structured Type** : user_service_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| usi_id | '00011101'B | | identifier |
| usi_l | ? | | lenght present |
| usi_value | ? | | value present |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_USIp_R
**Structured Type** : user_service_information_prime
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00110000'B | | |
| usip_l | ? | | length present |
| usip_value | ? | | value present |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_UTI_R
**Structured Type** : user_teleservice_information
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | '00110100'B | | |
| length | ? | | length present |
| value | ? | | value present |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : P_National_R
**Structured Type** : national_parameter
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| parameter_type | ('11111110'B, '11111111'B, '11111101'B, '11111100'B, '11110101'B) | | |
| length | ? | | |
| nat_par_contents | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : BCAP_S1
**Structured Type** : BCAP
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint; values as given in the test suite parameters

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| bcap_i | ID_BCAP | | Identifier |
| bcap_l | INT_TO_OCTET(LENGTH_OF (PX_BCAPV), 1) | | Length present |
| bcap_con | PX_BCAPV | | Contents present |

**Detailed Comments** : PX_BCAPV is a test suite parameter.

## Structured Type Constraint Declaration

**Constraint Name** : CAU_R1
**Structured Type** : CAU
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive constraint with any cause value

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cau_i | ID_CAU | | Cause identifier |
| cau_l | ? | | Length value present |
| cau_e3_eb | '?'B | | Extension bit present |
| cau_e3_cs | '000'B | | CCITT standardised coding |
| cau_e3_loc | '????'B | | Location value present |
| cau_e4_rec | * | | Any or no recommendation value |
| cau_e5_eb | '1'B | | Extension bit present |
| cau_e5_cv | '???????'B | | Parametrised cause value |
| cau_di | * | | Any or no diagnostics |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CAU_S1(CVAL: INTEGER)
**Structured Type** : CAU
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint with parametrized cause value

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cau_i | ID_CAU | | Cause identifier |
| cau_l | ’00000010’B | | Length value present |
| cau_e3_eb | ’1’B | | Extension bit present |
| cau_e3_cs | ’000’B | | CCITT standardised coding |
| cau_e3_loc | ’0000’B | | Location user |
| cau_e4_rec | − | | No recommendation value |
| cau_e5_eb | ’1’B | | Extension bit present |
| cau_e5_cv | INT_TO_BIT(CVAL, 7) | | Parametrized cause value |
| cau_di | − | | No diagnostics value |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CDPN_S1
**Structured Type** : CDPN
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint; values as given in the test suite parameters

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cdpn_i | ID_CDPN | | Identifier |
| cdpn_l | INT_TO_OCTET((LENGTH_OF(PX_CDPN_ND) + 1), 1) | | Length present |
| cdpn_e3_npi | PX_CDPN_OCTET3 | | Type of number and Numbering plan identification present |
| cdpn_e4_nd | PX_CDPN_ND | | Number digits present |

**Detailed Comments** : PX_LCPN_ISUP, PX_CDPN_OCTET3 and PX_CPN_ISUP are test suite parameters

## Structured Type Constraint Declaration

**Constraint Name** : CDPN_S_CW
**Structured Type** : CDPN
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint; values as given in the test suite parameters

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cdpn_i | ID_CDPN | | Identifier |
| cdpn_l | INT_TO_OCTET((LENGTH_OF(PX_SUBSCR_NUMBER) + 1), 1) | | Length present |
| cdpn_e3_npi | ’80’O | | Type of number and Numbering plan identification present |
| cdpn_e4_nd | PX_SUBSCR_NUMBER | | Number digits present |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CDPS_RS
**Structured Type** : CDPS
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send and Received constraint

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cdps_i | ’01110001’B | | Identifier |
| cdps_l | ’05’O | | Length present |
| cdps_e3_tos | ’80’O | | Type of subaddress |
| cdps_e4_si | ’50333231’O | | Number digits present |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CGPN_S_Invalid
**Structured Type** : CGPN
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint;

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cgpn_i | ID_CGPN | | Identifier |
| cgpn_l | INT_TO_OCTET((LENGTH_OF (PX_INV_NUMBER) + 1), 1) | | Length present |
| cgpn_e3_ext | ’1’B | | Type of number |
| cgpn_e3_ton | ’010’B | | Type of number |
| cgpn_e3_npi | ’0001’B | | Numbering plan id. |
| cgpn_e4_ext | − | | |
| cgpn_e4_pi | − | | Presentation indicator |
| cgpn_e4_sp | − | | |
| cgpn_e4_si | − | | Screening indicator |
| cgpn_e5_nd | PX_INV_NUMBER | | Number digits |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CGPN_S1 (cpa_ton, cpa_npi :BITSTRING)
**Structured Type** : CGPN
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint; values as given in the test suite parameters

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cgpn_i | ID_CGPN | | Identifier |
| cgpn_l | INT_TO_OCTET((LENGTH_OF(PX_NAT_NUMBER) + 1),1) | | Length present |
| cgpn_e3_ext | ’1’B | | Type of number |
| cgpn_e3_ton | cpa_ton | | Type of number |
| cgpn_e3_npi | cpa_npi | | Numbering plan id. |
| cgpn_e4_ext | − | | |
| cgpn_e4_pi | − | | Presentation indicator |
| cgpn_e4_sp | − | | |
| cgpn_e4_si | − | | Screening indicator |
| cgpn_e5_nd | PX_NAT_NUMBER | | Number digits |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CGPN_S2 (cpa_pi :BITSTRING)
**Structured Type** : CGPN
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint; values as given in the test suite parameters

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cgpn_i | ID_CGPN | | Identifier |
| cgpn_l | INT_TO_OCTET((LENGTH_OF(PX_NAT_NUMBER) + 2), 1) | | Length present |
| cgpn_e3_ext | ’0’B | | Type of number |
| cgpn_e3_ton | ’010’B | | Type of number |
| cgpn_e3_npi | ’0001’B | | Numbering plan id. |
| cgpn_e4_ext | ’1’B | | |
| cgpn_e4_pi | cpa_pi | | Presentation indicator |
| cgpn_e4_sp | ’000’B | | |
| cgpn_e4_si | ’11’B | | Screening indicator |
| cgpn_e5_nd | PX_NAT_NUMBER | | Number digits |

**Detailed Comments** :

| Structured Type Constraint Declaration | | | |
|---|---|---|---|
| **Constraint Name** : CGPN_S4 (cpa_ton, cpa_npi :BITSTRING) | | | |
| **Structured Type** : CGPN | | | |
| **Derivation Path** : | | | |
| **Encoding Variation** : | | | |
| **Comments** : Send constraint; values as given in the test suite parameters | | | |
| Element Name | Element Value | Element Encoding | Comments |
| cgpn_i | ID_CGPN | | Identifier |
| cgpn_l | INT_TO_OCTET((LENGTH_OF(PX_INTERNAT_NUMBER) + 1),1) | | Length present |
| cgpn_e3_ext | ’1’B | | Type of number |
| cgpn_e3_ton | cpa_ton | | Type of number |
| cgpn_e3_npi | cpa_npi | | Numbering plan id. |
| cgpn_e4_ext | − | | |
| cgpn_e4_pi | − | | Presentation indicator |
| cgpn_e4_sp | − | | |
| cgpn_e4_si | − | | Screening indicator |
| cgpn_e5_nd | PX_INTERNAT_NUMBER | | Number digits |
| **Detailed Comments** : | | | |

| Structured Type Constraint Declaration | | | |
|---|---|---|---|
| **Constraint Name** : CGPN_S5 (cpa_ton, cpa_npi :BITSTRING) | | | |
| **Structured Type** : CGPN | | | |
| **Derivation Path** : | | | |
| **Encoding Variation** : | | | |
| **Comments** : Send constraint; values as given in the test suite parameters | | | |
| Element Name | Element Value | Element Encoding | Comments |
| cgpn_i | ID_CGPN | | Identifier |
| cgpn_l | INT_TO_OCTET((LENGTH_OF(PX_INCOMP_NUMBER) + 1), 1) | | Length present |
| cgpn_e3_ext | ’1’B | | Type of number |
| cgpn_e3_ton | cpa_ton | | Type of number |
| cgpn_e3_npi | cpa_npi | | Numbering plan id. |
| cgpn_e4_ext | − | | |
| cgpn_e4_pi | − | | Presentation indicator |
| cgpn_e4_sp | − | | |
| cgpn_e4_si | − | | Screening indicator |
| cgpn_e5_nd | PX_INCOMP_NUMBER | | Number digits |
| **Detailed Comments** : | | | |

## Structured Type Constraint Declaration

**Constraint Name** : CGPN_S6 (cpa_ton, cpa_npi :BITSTRING)
**Structured Type** : CGPN
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint; values as given in the test suite parameters

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cgpn_i | ID_CGPN | | Identifier |
| cgpn_l | INT_TO_OCTET((LENGTH_OF(PX_SUBSCR_NUMBER) + 1), 1) | | Length present |
| cgpn_e3_ext | ’1’B | | Type of number |
| cgpn_e3_ton | cpa_ton | | Type of number |
| cgpn_e3_npi | cpa_npi | | Numbering plan id. |
| cgpn_e4_ext | − | | |
| cgpn_e4_pi | − | | Presentation indicator |
| cgpn_e4_sp | − | | |
| cgpn_e4_si | − | | Screening indicator |
| cgpn_e5_nd | PX_SUBSCR_NUMBER | | Number digits |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CGPN_R1 (cpa_pi, cpa_ton, cpa_si :BITSTRING; cpa_cgpn :OCTETSTRING)
**Structured Type** : CGPN
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint; values as given in the test suite parameters

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cgpn_i | ID_CGPN | | Identifier |
| cgpn_l | ? | | Length present |
| cgpn_e3_ext | ’0’B | | Type of number |
| cgpn_e3_ton | (cpa_ton , ’000’B) | | Type of number |
| cgpn_e3_npi | ’0001’B | | Numbering plan id. |
| cgpn_e4_ext | ’1’B | | |
| cgpn_e4_pi | cpa_pi | | Presentation indicator |
| cgpn_e4_sp | ’000’B | | |
| cgpn_e4_si | cpa_si | | Screening indicator |
| cgpn_e5_nd | cpa_cgpn | | Number digits |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CGPN_R1a (cpa_pi, cpa_ton, cpa_si :BITSTRING; cpa_cgpn : OCTETSTRING)
**Structured Type** : CGPN
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint; values as given in the test suite parameters

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cgpn_i | ID_CGPN | | Identifier |
| cgpn_l | ? | | Length present |
| cgpn_e3_ext | ’0’B | | Type of number |
| cgpn_e3_ton | (cpa_ton , ’000’B) | | Type of number |
| cgpn_e3_npi | ’0001’B | | Numbering plan id. |
| cgpn_e4_ext | ’1’B | | |
| cgpn_e4_pi | cpa_pi | | Presentation indicator |
| cgpn_e4_sp | ’000’B | | |
| cgpn_e4_si | cpa_si | | Screening indicator |
| cgpn_e5_nd | cpa_cgpn | | Number digits |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CGPN_R2 (cpa_pi, cpa_ton, cpa_npi, cpa_si :BITSTRING)
**Structured Type** : CGPN
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint; values as given in the test suite parameters

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cgpn_i | ID_CGPN | | Identifier |
| cgpn_l | ? | | Length present |
| cgpn_e3_ext | ’0’B | | Type of number |
| cgpn_e3_ton | cpa_ton | | Type of number |
| cgpn_e3_npi | cpa_npi | | Numbering plan id. |
| cgpn_e4_ext | ’1’B | | |
| cgpn_e4_pi | cpa_pi | | Presentation indicator |
| cgpn_e4_sp | ’000’B | | |
| cgpn_e4_si | cpa_si | | Screening indicator |
| cgpn_e5_nd | − | | Number digits |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CGPS_S1
**Structured Type** : CGPS
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cgps_i | ’01101101’B | | |
| cgps_l | ’05’O | | |
| cgps_e3_tos | ’1000’B | | |
| cgps_e3_oei | ’0’B | | |
| cgps_e3_sp | ’000’B | | |
| cgps_e4_si | ’50333231’O | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CGPS_R1
**Structured Type** : CGPS
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cgps_i | ’01101101’B | | |
| cgps_l | ? | | |
| cgps_e3_tos | ? | | |
| cgps_e3_oei | ? | | |
| cgps_e3_sp | ’000’B | | |
| cgps_e4_si | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CHIb_R1
**Structured Type** : CHI
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive constraint for basic access with "don’t care’ values

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| chi_i | ID_CHI | | Identifier |
| chi_l | ’00000001’B | | Length value present |
| chi_e3_eb | ’1’B | | Extension bit present |
| chi_e3_int | ’000?0’B | | (1) |
| chi_e3_cs | (’01’B, ’10’B) | | Channel selection present |
| chi_e4_csct | − | | Not present |
| chi_e5_eb | − | | Not present |
| chi_e5_cn | − | | Not present |

**Detailed Comments** : (1) Interface implicitly identified, basic interface, any value for the preferred/exclusive bit,the channel identified is not the D−channel

## Structured Type Constraint Declaration

**Constraint Name** : CHIb_R2
**Structured Type** : CHI
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive constraint for basic access with "don't care' values

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| chi_i | ID_CHI | | Identifier |
| chi_l | '00000001'B | | Length value present |
| chi_e3_eb | '1'B | | Extension bit present |
| chi_e3_int | '000?0'B | | (1) |
| chi_e3_cs | '00'B | | no Channel |
| chi_e4_csct | − | | Not present |
| chi_e5_eb | − | | Not present |
| chi_e5_cn | − | | Not present |

**Detailed Comments** : (1) Interface implicitly identified, basic interface, any value for the preferred/exclusive bit,the channel identified is not the D−channel

## Structured Type Constraint Declaration

**Constraint Name** : CHIb_S1(BCH: BITSTRING)
**Structured Type** : CHI
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint for basic access with parametrized channel selection

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| chi_i | ID_CHI | | Identifier |
| chi_l | '00000001'B | | Length value present |
| chi_e3_eb | '1'B | | Extension bit present |
| chi_e3_int | '00000'B | | (1) |
| chi_e3_cs | BCH | | Parametrized channel selection |
| chi_e4_csct | − | | Not present |
| chi_e5_eb | − | | Not present |
| chi_e5_cn | − | | Not present |

**Detailed Comments** : (1) Interface implicitly identified, basic interface, indicated channel is preferred, the channel identified is not the D−channel

## Structured Type Constraint Declaration

**Constraint Name** : CHIp_R1
**Structured Type** : CHI
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive constraint for primary rate access with "don’t care’ values

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| chi_i | ID_CHI | | Identifier |
| chi_l | ’00000011’B | | Length value present |
| chi_e3_eb | ’1’B | | Extension bit present |
| chi_e3_int | ’010?0’B | | (1) |
| chi_e3_cs | ’01’B | | channel as indicated |
| chi_e4_csct | ’10000011’B | | (2) |
| chi_e5_eb | ’1’B | | Extension bit present |
| chi_e5_cn | ? | | Channel number present |

**Detailed Comments** : (1) Interface implicitly identified, other interface, any value for the preferred/exclusive bit,the channel identified is not the D−channel
(2) CCITT standardized coding, channel(s) is/are indicated by the number(s) in the follwing octet(s), B−channel units

## Structured Type Constraint Declaration

**Constraint Name** : CHIp_R2
**Structured Type** : CHI
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive constraint for primary rate access with no channel

| 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 | ’00’B | | no channels |
| chi_e4_csct | ’10000011’B | | (2) |
| chi_e5_eb | ’1’B | | Extension bit present |
| chi_e5_cn | ? | | Channel number present |

**Detailed Comments** : (1) Interface implicitly identified, other interface, any value for the preferred/exclusive bit,the channel identified is not the D−channel
(2) CCITT standardized coding, channel(s) is/are indicated by the number(s) in the follwing octet(s), B−channel units

## Structured Type Constraint Declaration

**Constraint Name** : CHIp_S1(BCH: BITSTRING)
**Structured Type** : CHI
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint for primary rate access with parametrized channel number

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| chi_i | ID_CHI | | Identifier |
| chi_l | ’00000011’B | | Length value present |
| chi_e3_eb | ’1’B | | Extension bit present |
| chi_e3_int | ’01000’B | | (1) |
| chi_e3_cs | ’01’B | | Channel as indicated |
| chi_e4_csct | ’10000011’B | | (2) |
| chi_e5_eb | ’1’B | | Extension bit present |
| chi_e5_cn | BCH | | Parametrized channel number |

**Detailed Comments** : (1) Interface implicitly identified, other interface, indicated channel is preferred, the channel identified is not the D−channel
(2) CCITT standardized coding, channel(s) is/are indicated by the number(s) in the follwing octet(s), B−channel units

## Structured Type Constraint Declaration

**Constraint Name** : CHI_RSb_R1
**Structured Type** : CHI_RS
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive constraint for basic access with "don’t care’ values

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| chi_i | ID_CHI | | Identifier |
| chi_l | ’00000001’B | | Length value present |
| chi_e3_eb | ’1’B | | Extension bit present |
| chi_e3_int | ’000?0’B | | (1) |
| chi_e3_cs | ’??’B | | Channel selection present |
| chi_e4_csct | − | | Not present |
| chi_e5_eb | − | | Not present |
| chi_e5_cn | − | | Not present |
| chi_e6_eb | − | | Not present |
| chi_e6_cn | − | | Not present |
| chi_cn | − | | Not present |

**Detailed Comments** : (1) Interface implicitly identified, basic interface, any value for the preferred/exclusive bit,the channel identified is not the D−channel

## Structured Type Constraint Declaration

**Constraint Name** : CHI_RSb_S1(BCH: BITSTRING)
**Structured Type** : CHI_RS
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint for basic access with parametrized channel selection

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| chi_i | ID_CHI | | Identifier |
| chi_l | ’00000001’B | | Length value present |
| chi_e3_eb | ’1’B | | Extension bit present |
| chi_e3_int | ’00010’B | | (1) |
| chi_e3_cs | BCH | | Parametrized channel selection |
| chi_e4_csct | − | | Not present |
| chi_e5_eb | − | | Not present |
| chi_e5_cn | − | | Not present |
| chi_e6_eb | − | | Not present |
| chi_e6_cn | − | | Not present |
| chi_cn | − | | Not present |

**Detailed Comments** : (1) Interface implicitly identified, basic interface, exclusive: only the indicated channel is acceptable, the channel identified is not the D−channel

## Structured Type Constraint Declaration

**Constraint Name** : CHI_RSp_R1
**Structured Type** : CHI_RS
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive constraint for primary rate access with "don’t care’ values

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| chi_i | ID_CHI | | Identifier |
| chi_l | ? | | Length value present |
| chi_e3_eb | ’1’B | | Extension bit present |
| chi_e3_int | ’010?0’B | | (1) |
| chi_e3_cs | ’01’B | | channel as indicated |
| chi_e4_csct | ’10000011’B | | (2) |
| chi_e5_eb | − | | Not present |
| chi_e5_cn | − | | Not present |
| chi_e6_eb | − | | Not present |
| chi_e6_cn | − | | Not present |
| chi_cn | ? | | Channel number present |

**Detailed Comments** : (1) Interface implicitly identified, other interface, any value for the preferred/exclusive bit,the channel identified is not the D−channel
(2) CCITT standardized coding, channel(s) is/are indicated by the number(s) in the follwing octet(s), B−channel units

## Structured Type Constraint Declaration

**Constraint Name** : CHI_RSp_S1(BCH: OCTETSTRING; LENGTH: BITSTRING)
**Structured Type** : CHI_RS
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint for primary rate access with parametrized channel number

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| chi_i | ID_CHI | | Identifier |
| chi_l | LENGTH | | Parametrized length value |
| chi_e3_eb | ’1’B | | Extension bit present |
| chi_e3_int | ’01010’B | | (1) |
| chi_e3_cs | ’01’B | | Channel as indicated |
| chi_e4_csct | ’10000011’B | | (2) |
| chi_e5_eb | − | | Not present |
| chi_e5_cn | − | | Not present |
| chi_e6_eb | − | | Not present |
| chi_e6_cn | − | | Not present |
| chi_cn | BCH | | Parametrized channel number |

**Detailed Comments** : (1) Interface implicitly identified, other interface, exclusive: only the indicated channel is acceptable, the channel identified is not the D−channel
(2) CCITT standardized coding, channel(s) is/are indicated by the number(s) in the follwing octet(s), B−channel units

## Structured Type Constraint Declaration

**Constraint Name** : CID1(CID_VAL: INTEGER)
**Structured Type** : CID
**Derivation Path** :
**Encoding Variation** :
**Comments** : Constraint with parametrized call identity value

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cid_i | ID_CID | | Identifier |
| cid_l | ’00000010’B | | Length present |
| cid_ci | INT_TO_OCTET(CID_VAL,2) | | Parametrized call ID value |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODN_R1 ( cpa_pi, cpa_ton, cpa_si : BITSTRING )
**Structured Type** : CODN
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| codn_i | ’01001100’B | | |
| codn_l | ? | | |
| codn_e3_ext | ’0’B | | |
| codn_e3_ton | (cpa_ton, ’000’B) | | |
| codn_e3_npi | ’0001’B | | |
| codn_e3a_ext | ’1’B | | |
| codn_e3a_pi | cpa_pi | | |
| codn_e3a_sp | ’000’B | | |
| codn_e3a_si | cpa_si | | |
| codn_e4_nd | PX_NAT_NUMBER_R | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODN_R2 ( cpa_pi, cpa_si : BITSTRING )
**Structured Type** : CODN
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| codn_i | ’01001100’B | | |
| codn_l | ? | | |
| codn_e3_ext | ’0’B | | |
| codn_e3_ton | ’000’B | | |
| codn_e3_npi | ’0000’B | | |
| codn_e3a_ext | ’1’B | | |
| codn_e3a_pi | cpa_pi | | |
| codn_e3a_sp | ’000’B | | |
| codn_e3a_si | cpa_si | | |
| codn_e4_nd | − | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODN_R3 ( cpa_pi, cpa_ton, cpa_si : BITSTRING )
**Structured Type** : CODN
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| codn_i | ’01001100’B | | |
| codn_l | ? | | |
| codn_e3_ext | ’0’B | | |
| codn_e3_ton | (cpa_ton, ’000’B) | | |
| codn_e3_npi | ’0001’B | | |
| codn_e3a_ext | ’1’B | | |
| codn_e3a_pi | cpa_pi | | |
| codn_e3a_sp | ’000’B | | |
| codn_e3a_si | cpa_si | | |
| codn_e4_nd | PX_INTERNAT_NUMBER_R | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODN_S_INVALID
**Structured Type** : CODN
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| codn_i | ’01001100’B | | |
| codn_l | INT_TO_OCTET((LENGTH_OF(PX_INV_NUMBER) + 1), 1) | | |
| codn_e3_ext | ’1’B | | |
| codn_e3_ton | ’010’B | | |
| codn_e3_npi | ’0001’B | | |
| codn_e3a_ext | − | | |
| codn_e3a_pi | − | | |
| codn_e3a_sp | − | | |
| codn_e3a_si | − | | |
| codn_e4_nd | PX_INV_NUMBER | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODN_S1 (cpa_ton, cpa_npi : BITSTRING )
**Structured Type** : CODN
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| codn_i | ’01001100’B | | |
| codn_l | INT_TO_OCTET((LENGTH_OF(PX_NAT_NUMBER) + 1),1) | | |
| codn_e3_ext | ’1’B | | |
| codn_e3_ton | cpa_ton | | |
| codn_e3_npi | cpa_npi | | |
| codn_e3a_ext | − | | |
| codn_e3a_pi | − | | |
| codn_e3a_sp | − | | |
| codn_e3a_si | − | | |
| codn_e4_nd | PX_NAT_NUMBER | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODN_S2 (cpa_ton, cpa_npi, cpa_pi, cpa_si : BITSTRING )
**Structured Type** : CODN
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| codn_i | ’01001100’B | | |
| codn_l | INT_TO_OCTET((LENGTH_OF(PX_NAT_NUMBER) + 2),1) | | |
| codn_e3_ext | ’0’B | | |
| codn_e3_ton | cpa_ton | | |
| codn_e3_npi | cpa_npi | | |
| codn_e3a_ext | ’1’B | | |
| codn_e3a_pi | cpa_pi | | |
| codn_e3a_sp | ’000’B | | |
| codn_e3a_si | cpa_si | | |
| codn_e4_nd | PX_NAT_NUMBER | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODN_S3 (cpa_ton, cpa_npi : BITSTRING )
**Structured Type** : CODN
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| codn_i | ’01001100’B | | |
| codn_l | INT_TO_OCTET((LENGTH_OF(PX_INTERNAT_NUMBER) + 1), 1) | | |
| codn_e3_ext | ’1’B | | |
| codn_e3_ton | cpa_ton | | |
| codn_e3_npi | cpa_npi | | |
| codn_e3a_ext | − | | |
| codn_e3a_pi | − | | |
| codn_e3a_sp | − | | |
| codn_e3a_si | − | | |
| codn_e4_nd | PX_INTERNAT_NUMBER | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODN_S4 (cpa_ton, cpa_npi : BITSTRING )
**Structured Type** : CODN
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| codn_i | ’01001100’B | | |
| codn_l | INT_TO_OCTET((LENGTH_OF(PX_INCOMP_NUMBER) + 1), 1) | | |
| codn_e3_ext | ’1’B | | |
| codn_e3_ton | cpa_ton | | |
| codn_e3_npi | cpa_npi | | |
| codn_e3a_ext | − | | |
| codn_e3a_pi | − | | |
| codn_e3a_sp | − | | |
| codn_e3a_si | − | | |
| codn_e4_nd | PX_INCOMP_NUMBER | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODN_S5 (cpa_ton, cpa_npi : BITSTRING )
**Structured Type** : CODN
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| codn_i | ’01001100’B | | |
| codn_l | INT_TO_OCTET((LENGTH_OF(PX_SUBSCR_NUMBER) + 1), 1) | | |
| codn_e3_ext | ’1’B | | |
| codn_e3_ton | cpa_ton | | |
| codn_e3_npi | cpa_npi | | |
| codn_e3a_ext | − | | |
| codn_e3a_pi | − | | |
| codn_e3a_sp | − | | |
| codn_e3a_si | − | | |
| codn_e4_nd | PX_SUBSCR_NUMBER | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODS_R
**Structured Type** : CODS
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cods_i | ’01001101’B | | |
| cods_l | ? | | |
| cods_e3_tos | ? | | |
| cods_e3_oei | ? | | |
| cods_e3_sp | ’000’B | | |
| cods_e4_si | ? | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CODS_S
**Structured Type** : CODS
**Derivation Path** :
**Encoding Variation** :
**Comments** :

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cods_i | ’01001101’B | | |
| cods_l | ’05’O | | |
| cods_e3_tos | ’1000’B | | |
| cods_e3_oei | ’0’B | | |
| cods_e3_sp | ’000’B | | |
| cods_e4_si | ’50333231’O | | |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : CR1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**Structured Type** : CR
**Derivation Path** :
**Encoding Variation** :
**Comments** : Constraint for sending and receiving

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cr_l1 | ’0000’B | | Length value, bits 8 − 5 |
| cr_l2 | PX_CR_LENGTH | | Length value, bits 4 − 1 (1) |
| cr_f | INT_TO_BIT(FLAG,1) | | Parametrized flag |
| cr_r | CALL_REF | | Parametrized value |

**Detailed Comments** : (1) PX_CR_LENGTH is a test suite parameter.

## Structured Type Constraint Declaration

**Constraint Name** : CR_R1
**Structured Type** : CR
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive constraint with any call reference value

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| cr_l1 | ’0000’B | | Length value, bits 8 − 5 |
| cr_l2 | PX_CR_LENGTH | | Length value, bits 4 − 1 (1) |
| cr_f | ’0’B | | Originator |
| cr_r | ? | | Call reference value present |

**Detailed Comments** : (1) PX_CR_LENGTH is a test suite parameter.

## Structured Type Constraint Declaration

**Constraint Name** : HLC_RS1
**Structured Type** : HLC
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint; values as given in the test suite parameters

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| hlc_i | ID_HLC | | Identifier |
| hlc_l | INT_TO_OCTET(LENGTH_OF (PX_HLCV1), 1) | | Length present |
| hlc_con | PX_HLCV1 | | Contents present |

**Detailed Comments** : PX_HLCV1 is a test suite parameter.

## Structured Type Constraint Declaration

**Constraint Name** : NOID_R1
**Structured Type** : NOID
**Derivation Path** :
**Encoding Variation** :
**Comments** : Receive constraint containing any notification description

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| noid_i | ID_NOID | | Identifier |
| noid_l | ? | | Length present |
| noid_nd | ? | | Notification description present |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : NOID_SR (cpa_nd : OCTETSTRING )
**Structured Type** : NOID
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send/receive constraint containing a parametrized notification description

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| noid_i | ID_NOID | | Identifier |
| noid_l | ’00000001’B | | Length present |
| noid_nd | cpa_nd | | Notification description present |

**Detailed Comments** :

## Structured Type Constraint Declaration

**Constraint Name** : PI_S1
**Structured Type** : PI
**Derivation Path** :
**Encoding Variation** :
**Comments** : Send constraint

| 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 | ’0000’B | | (1) |
| pi_e4_eb | ’1’B | | Extension bit present |
| pi_e4_pd | ’0000010’B | | Destination address is non−ISDN |

**Detailed Comments** : (1) CCITT standardized coding, user.

## Structured Type Constraint Declaration

**Constraint Name** : RI1(CLASS_VAL: INTEGER)
**Structured Type** : RI
**Derivation Path** :
**Encoding Variation** :
**Comments** : Constraint with parametrized class value used for sending and receiving.

| Element Name | Element Value | Element Encoding | Comments |
|---|---|---|---|
| ri_i | ID_RI | | Identifier |
| ri_l | ’00000001’B | | Length present |
| ri_sp | ’10000’B | | Spare value |
| ri_cl | INT_TO_BIT(CLASS_VAL,3) | | Parametrized class value |

**Detailed Comments** :

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

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

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

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

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

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

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

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

## PDU Constraint Declaration

**Constraint Name** : P_ACM_R(CICnr: BITSTRING)
**PDU Type** : ACM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : ACM with don't care values

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_ACM | | |
| BCI | P_BCI_m_R | | |
| opt_part_ptr | ? | | CHANGE /3/ 9.3.99 /TJS |
| OBCI | P_OBCI_R IF_PRESENT | | |
| CRef | P_CRef_R IF_PRESENT | | @ |
| Cause | P_Cause_m_R IF_PRESENT | | |
| UUInd | P_UUInd_R IF_PRESENT | | |
| UUInf | P_UUInf_R IF_PRESENT | | |
| ATP | P_ATP_R IF_PRESENT | | |
| ATP_BCAP | * | | CHANGE /9/ TJS |
| ATP_PI | * | | |
| ATP_HLC | * | | |
| ATP_LLC | * | | |
| ATP_PIBC | * | | |
| ATP_BCPI | * | | |
| ATP_PIHLC | * | | |
| ATP_HLCPI | * | | |
| GenNot | P_GenNot_R IF_PRESENT | | |
| TMU | P_TMU_R IF_PRESENT | | |
| EchoInf | P_EchoInf_R IF_PRESENT | | |
| ADInf | P_ADInf_R IF_PRESENT | | |
| RnNb | P_RnNb_R IF_PRESENT | | |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| CDInf | P_CDInf_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| CCNRPos | P_CCNRPos_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | '00'O IF_PRESENT | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_ACM_R12(CICnr: BITSTRING)
**PDU Type** : ACM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : ACM containing BCI with:
Called Party's Status (CPS) indicator: " no indication (00)",
Called party's category indicator: "no indication(00)" or "ordinary subscriber(01)" or "payphone(10)",
interworking indicator: "no interworking encountered (0)",
ISUP indicator: "ISUP used all the way",
ISDN access indicator set to "ISDN"

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_ACM | | |
| BCI | P_BCI_m_R7 | | |
| opt_part_ptr | ? | | CHANGE /3/ 9.3.99 /TJS |
| OBCI | P_OBCI_R IF_PRESENT | | |
| CRef | P_CRef_R IF_PRESENT | | @ |
| Cause | P_Cause_m_R IF_PRESENT | | |
| UUInd | P_UUInd_R IF_PRESENT | | |
| UUInf | P_UUInf_R IF_PRESENT | | |
| ATP | P_ATP_R IF_PRESENT | | |
| ATP_BCAP | * | | CHANGE /9/ TJS |
| ATP_PI | * | | |
| ATP_HLC | * | | |
| ATP_LLC | * | | |
| ATP_PIBC | * | | |
| ATP_BCPI | * | | |
| ATP_PIHLC | * | | |
| ATP_HLCPI | * | | |
| GenNot | P_GenNot_R IF_PRESENT | | |
| TMU | P_TMU_R IF_PRESENT | | |
| EchoInf | P_EchoInf_R IF_PRESENT | | |
| ADInf | P_ADInf_R IF_PRESENT | | |
| RnNb | P_RnNb_R IF_PRESENT | | |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| CDInf | P_CDInf_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| CCNRPos | P_CCNRPos_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | '00'O IF_PRESENT | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_ACM_R_CW (CICnr: BITSTRING)
**PDU Type** : ACM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : ACM with don't care values
Generic notification wit value 'call is a waiting call'

| 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_RS ( 'E0'O) | | |
| TMU | P_TMU_R IF_PRESENT | | |
| EchoInf | P_EchoInf_R IF_PRESENT | | |
| ADInf | P_ADInf_R IF_PRESENT | | |
| RnNb | P_RnNb_R IF_PRESENT | | |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| CDInf | P_CDInf_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| CCNRPos | P_CCNRPos_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | '00'O IF_PRESENT | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_ACM_S(CICnr: BITSTRING)
**PDU Type** : ACM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| 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 | − | | 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 | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_ACM_S2(CICnr,cpa_cdpsi,cpa_isupi,cpa_isdnai,cpa_obci: BITSTRING)
**PDU Type** : ACM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : ACM message with the following parameter:
CPS ind: parameter
ISUP ind: parameter
ISDN access ind: parameter
OBCI inband inf: parameter

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_ACM | | |
| BCI | P_BCI_m_S2(cpa_cdpsi,cpa_isupi,cpa_isdnai) | | |
| opt_part_ptr | '01'O | | |
| OBCI | P_OBCI_S(cpa_obci) | | |
| CRef | − | | |
| Cause | − | | |
| UUInd | − | | |
| UUInf | − | | |
| ATP | − | | |
| ATP_BCAP | − | | CHANGE /9/ TJS |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_PIBC | − | | |
| ATP_BCPI | − | | |
| ATP_PIHLC | − | | |
| ATP_HLCPI | − | | |
| GenNot | − | | |
| TMU | − | | |
| EchoInf | − | | |
| ADInf | − | | |
| RnNb | − | | |
| ParCmp | − | | |
| CDInf | − | | |
| NtwFac | − | | |
| RemOp | − | | |
| ServAct | − | | |
| RnNbRes | − | | |
| CCNRPos | − | | |
| NatPar | − | | |
| EndOP | '00'O | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_ACM_S_CW (CICnr,cpa_cdpsi,cpa_isupi,cpa_isdnai: BITSTRING)
**PDU Type** : ACM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : ACM message with the following parameter:
CPS ind: parameter
ISUP ind: parameter
ISDN access ind: parameter

| 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(’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 | P_GenNot_RS (’E0’O) | | |
| TMU | − | | |
| EchoInf | − | | |
| ADInf | − | | |
| RnNb | − | | |
| ParCmp | − | | |
| CDInf | − | | |
| NtwFac | − | | |
| RemOp | − | | |
| ServAct | − | | |
| RnNbRes | − | | |
| CCNRPos | − | | |
| NatPar | − | | |
| EndOP | ’00’O | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_ANM_R(CICnr: BITSTRING)
**PDU Type** : ANM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU with don’t care value

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_ANM | | |
| opt_part_ptr | ? | | |
| BCI | P_BCI_o_R IF_PRESENT | | |
| OBCI | P_OBCI_R IF_PRESENT | | |
| CRef | P_CRef_R IF_PRESENT | | @ |
| UUInd | P_UUInd_R IF_PRESENT | | |
| UUInf | P_UUInf_R IF_PRESENT | | |
| ConNb | P_ConNb_R IF_PRESENT | | |
| ATP | P_ATP_R IF_PRESENT | | |
| ATP_BCAP | − | | CHANGE /9/ TJS |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_PIBC | − | | |
| ATP_BCPI | − | | |
| ATP_PIHLC | − | | |
| ATP_HLCPI | − | | |
| ADInf | P_ADInf_R IF_PRESENT | | |
| GenNot | P_GenNot_R IF_PRESENT | | |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| CHInf | P_CHInf_R IF_PRESENT | | |
| GenNb | P_GenNb_R IF_PRESENT | | |
| TMU | P_TMU_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| RnNb | P_RnNb_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| EchoInf | P_EchoInf_R IF_PRESENT | | |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | ’00’O IF_PRESENT | | |

**Detailed Comments** :
@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.

## PDU Constraint Declaration

**Constraint Name** : P_ANM_R1_COLP(CICnr: BITSTRING; cpa_connb:connected_number)
**PDU Type** : ANM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : ANM message with the following parameter:
connected number
WITHOUT
generic number

| 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 | − | | |
| ConNb | cpa_connb | | |
| 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 | − | | |
| TMU | P_TMU_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| RnNb | P_RnNb_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| EchoInf | P_EchoInf_R IF_PRESENT | | |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | ’00’O | | |

**Detailed Comments** :
@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.

## PDU Constraint Declaration

**Constraint Name** : P_ANM_R2_COLP(CICnr: BITSTRING; cpa_connb:connected_number)
**PDU Type** : ANM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : ANM message with the following parameter:
connected number
ATP including a connected subaddress
WITHOUT
generic number

| 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 | − | | |
| ConNb | cpa_connb | | |
| ATP | P_ATP_R_COLP | | |
| 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 | − | | |
| TMU | P_TMU_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| RnNb | P_RnNb_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| EchoInf | P_EchoInf_R IF_PRESENT | | |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | ’00’O | | |

**Detailed Comments** :
@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.

## PDU Constraint Declaration

**Constraint Name** : P_ANM_R3_COLP(CICnr: BITSTRING; cpa_connb:connected_number; cpa_gen:generic_number)

**PDU Type** : ANM_PDU

**Derivation Path** :

**Encoding Rule Name** :

**Encoding Variation** :

**Comments** : ANM message with the following parameter:
connected number
generic number

| 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 | − | | |
| ConNb | cpa_connb | | |
| ATP | − | | |
| 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 | cpa_gen | | |
| TMU | P_TMU_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| RnNb | P_RnNb_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| EchoInf | P_EchoInf_R IF_PRESENT | | |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | ’00’O | | |

**Detailed Comments** :
@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.

## PDU Constraint Declaration

**Constraint Name** : P_ANM_R4_COLP(CICnr: BITSTRING; cpa_connb:connected_number; cpa_gen:generic_number)

**PDU Type** : ANM_PDU

**Derivation Path** :

**Encoding Rule Name** :

**Encoding Variation** :

**Comments** : ANM message with the following parameter:
connected number
generic number
ATP including a connected subaddress

| 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 | − | | |
| ConNb | cpa_connb | | |
| ATP | P_ATP_R_COLP | | |
| 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 | cpa_gen | | |
| TMU | P_TMU_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| RnNb | P_RnNb_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| EchoInf | P_EchoInf_R IF_PRESENT | | |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | ’00’O | | |

**Detailed Comments** :
@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.

## PDU Constraint Declaration

**Constraint Name** : P_ANM_S(CICnr: BITSTRING)
**PDU Type** : ANM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_ANM | | |
| opt_part_ptr | '00'O | | |
| BCI | − | | |
| 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 | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_ANM_S_COLP (CICnr: BITSTRING; cpa_connb: connected_number; cpa_gennb: generic_number; cpa_atp:access_transport )

**PDU Type** : ANM_PDU

**Derivation Path** :

**Encoding Rule Name** :

**Encoding Variation** :

**Comments** : ANM message with the following parameter:
connected number
WITHOUT generic number 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 | cpa_connb | | |
| ATP | cpa_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 | cpa_gennb | | |
| TMU | − | | |
| NtwFac | − | | |
| RemOp | − | | |
| RnNb | − | | |
| ServAct | − | | |
| EchoInf | − | | |
| RnNbRes | − | | |
| NatPar | − | | |
| EndOP | ’00’O | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_BLA_R(CICnr: BITSTRING)
**PDU Type** : BLA_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CHANGE / 2.3 / 10.2−99 / KP

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_BLA | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_BLA_S(CICnr: BITSTRING)
**PDU Type** : BLA_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CHANGE / 2.3 / 10.2−99 / KP

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_BLA | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_BLO_R(CICnr: BITSTRING)
**PDU Type** : BLO_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CHANGE / 2.3 / 10.2−99 / KP

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_BLO | | |

**Detailed Comments** :

PDU Constraint Declaration

**Constraint Name** : P_BLO_S(CICnr: BITSTRING)
**PDU Type** : BLO_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CHANGE / 2.3 / 10.2−99 / KP

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_BLO | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_CON_R1_COLP (CICnr: BITSTRING; cpa_con:connected_number)
**PDU Type** : CON_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CON message with the following parameter:
connected number
WITHOUT generic number 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 | cpa_con | | |
| CRef | P_CRef_R IF_PRESENT | | @ |
| UUInd | P_UUInd_R IF_PRESENT | | |
| UUInf | − | | |
| 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 | − | | |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | ’00’O | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_CON_R2_COLP (CICnr: BITSTRING; cpa_con:connected_number)
**PDU Type** : CON_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CON message with the following parameter:
connected number
ATP including a connected subaddress
WITHOUT generic number 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 | cpa_con | | |
| CRef | P_CRef_R IF_PRESENT | | @ |
| UUInd | P_UUInd_R IF_PRESENT | | |
| UUInf | − | | |
| ATP | P_ATP_R_COLP | | |
| 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 | − | | |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | ’00’O | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_CON_R3_COLP (CICnr: BITSTRING; cpa_con:connected_number; cpa_gennb:generic_number)

**PDU Type** : CON_PDU

**Derivation Path** :

**Encoding Rule Name** :

**Encoding Variation** :

**Comments** : CON message with the following parameter:
connected number
generic number 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 | cpa_con | | |
| CRef | P_CRef_R IF_PRESENT | | @ |
| UUInd | P_UUInd_R IF_PRESENT | | |
| UUInf | − | | |
| ATP | − | | |
| 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 | cpa_gennb | | |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | ’00’O | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_CON_R4_COLP (CICnr: BITSTRING; cpa_con:connected_number; cpa_gennb:generic_number)

**PDU Type** : CON_PDU

**Derivation Path** :

**Encoding Rule Name** :

**Encoding Variation** :

**Comments** : CON message with the following parameter:
connected number
generic number parameter
ATP including a connected subaddress

| 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 | cpa_con | | |
| CRef | P_CRef_R IF_PRESENT | | @ |
| UUInd | P_UUInd_R IF_PRESENT | | |
| UUInf | − | | |
| ATP | P_ATP_R_COLP | | |
| 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 | cpa_gennb | | |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| EndOP | ’00’O | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_CON_S1(CICnr: BITSTRING)
**PDU Type** : CON_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Connect message with a BCI parameter containing a CPS indicator set to "subscriber free" and a ISDN acces set to "ISDN"

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_CON | | |
| BCI | P_BCI_m_S2('01'B,'1'B,'1'B) | | |
| opt_part_ptr | '00'O | | |
| OBCI | − | | |
| ConNb | − | | |
| CRef | − | | |
| UUInd | − | | |
| UUInf | − | | |
| ATP | − | | |
| ATP_BCAP | − | | CHANGE /9/ TJS |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_PIBC | − | | |
| ATP_BCPI | − | | |
| ATP_PIHLC | − | | |
| ATP_HLCPI | − | | |
| NtwFac | − | | |
| GenNot | − | | |
| RemOp | − | | |
| TMU | − | | |
| EchoInf | − | | |
| ADInf | − | | |
| CHInf | − | | |
| ParCmp | − | | |
| RnNb | − | | |
| ServAct | − | | |
| GenNb | − | | |
| RnNbRes | − | | |
| NatPar | − | | |
| EndOP | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_CON_S_COLP (CICnr: BITSTRING; cpa_con : connected_number; cpa_gennb:generic_number; cpa_atp:access_transport)

**PDU Type** : CON_PDU

**Derivation Path** :

**Encoding Rule Name** :

**Encoding Variation** :

**Comments** : Connect message with a BCI parameter containing a CPS indicator set to "subscriber free" and a ISDN acces set to "ISDN"
AND WITH
a connected number parameter
a generic number parameter
ATP including a connected subaddress

| 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 | cpa_con | | |
| CRef | − | | |
| UUInd | − | | |
| UUInf | − | | |
| ATP | cpa_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 | cpa_gennb | | |
| RnNbRes | − | | |
| NatPar | − | | |
| EndOP | '00'O | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_CPG_R1(CICnr: BITSTRING; cpa_eventi:INTEGER)
**PDU Type** : CPG_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CPG message with event information as parameter

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_CPG | | |
| EvInf | P_EvInf_R1(cpa_eventi) | | |
| opt_part_ptr | ? | | |
| Cause | P_Cause_o_R IF_PRESENT | | |
| CRef | P_CRef_R IF_PRESENT | | @ |
| BCI | P_BCI_o_R IF_PRESENT | | |
| OBCI | P_OBCI_R IF_PRESENT | | |
| ATP | P_ATP_R IF_PRESENT | | |
| ATP_BCAP | − | | CHANGE /9/ TJS |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_PIBC | − | | |
| ATP_BCPI | − | | |
| ATP_PIHLC | − | | |
| ATP_HLCPI | − | | |
| UUInd | P_UUInd_R IF_PRESENT | | |
| RnNb | P_RnNb_R IF_PRESENT | | |
| UUInf | P_UUInf_R IF_PRESENT | | |
| GenNot | P_GenNot_R IF_PRESENT | | |
| GenNot2 | − | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| TMU | P_TMU_R IF_PRESENT | | |
| ADInf | P_ADInf_R IF_PRESENT | | |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| CDInf | P_CDInf_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| CCNRPos | P_CCNRPos_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | ’00’O IF_PRESENT | | |

**Detailed Comments** :
@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.

## PDU Constraint Declaration

**Constraint Name** : P_CPG_R_CW (CICnr: BITSTRING; cpa_gennot : generic_notification_indicator)
**PDU Type** : CPG_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CPG with the generic notification parameter as parameter

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_CPG | | |
| EvInf | * | | |
| opt_part_ptr | ? | | |
| Cause | P_Cause_o_R IF_PRESENT | | |
| CRef | P_CRef_R IF_PRESENT | | @ |
| BCI | P_BCI_o_R IF_PRESENT | | |
| OBCI | P_OBCI_R IF_PRESENT | | |
| ATP | P_ATP_R IF_PRESENT | | |
| ATP_BCAP | − | | CHANGE /9/ TJS |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_PIBC | − | | |
| ATP_BCPI | − | | |
| ATP_PIHLC | − | | |
| ATP_HLCPI | − | | |
| UUInd | P_UUInd_R IF_PRESENT | | |
| RnNb | P_RnNb_R IF_PRESENT | | |
| UUInf | P_UUInf_R IF_PRESENT | | |
| GenNot | cpa_gennot | | |
| GenNot2 | − | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| TMU | P_TMU_R IF_PRESENT | | |
| ADInf | P_ADInf_R IF_PRESENT | | |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| CDInf | P_CDInf_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| CCNRPos | P_CCNRPos_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | ’00’O | | |

**Detailed Comments** :
@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.

## PDU Constraint Declaration

**Constraint Name** : P_CPG_R_NOT(CICnr: BITSTRING; cpa_gennot : generic_notification_indicator)
**PDU Type** : CPG_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CPG with the generic notification parameter as parameter

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_CPG | | |
| EvInf | P_EvInf_R1(2) | | |
| opt_part_ptr | ? | | |
| Cause | P_Cause_o_R IF_PRESENT | | |
| CRef | P_CRef_R IF_PRESENT | | @ |
| BCI | P_BCI_o_R IF_PRESENT | | |
| OBCI | P_OBCI_R IF_PRESENT | | |
| ATP | P_ATP_R IF_PRESENT | | |
| ATP_BCAP | − | | CHANGE /9/ TJS |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_PIBC | − | | |
| ATP_BCPI | − | | |
| ATP_PIHLC | − | | |
| ATP_HLCPI | − | | |
| UUInd | P_UUInd_R IF_PRESENT | | |
| RnNb | P_RnNb_R IF_PRESENT | | |
| UUInf | P_UUInf_R IF_PRESENT | | |
| GenNot | cpa_gennot | | |
| GenNot2 | − | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| TMU | P_TMU_R IF_PRESENT | | |
| ADInf | P_ADInf_R IF_PRESENT | | |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| CDInf | P_CDInf_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| CCNRPos | P_CCNRPos_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | ’00’O | | |

**Detailed Comments** :
@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.

PDU Constraint Declaration

**Constraint Name** : P_CPG_S(CICnr: BITSTRING; cpa_eventi: INTEGER)
**PDU Type** : CPG_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CPG with the event information parameter event indication as parameter

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| 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 | − | | CHANGE /9/ TJS |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_PIBC | − | | |
| ATP_BCPI | − | | |
| ATP_PIHLC | − | | |
| ATP_HLCPI | − | | |
| UUInd | − | | |
| RnNb | − | | |
| UUInf | − | | |
| GenNot | − | | |
| GenNot2 | − | | |
| NtwFac | − | | |
| RemOp | − | | |
| TMU | − | | |
| ADInf | − | | |
| ParCmp | − | | |
| CDInf | − | | |
| ServAct | − | | |
| RnNbRes | − | | |
| CCNRPos | − | | |
| NatPar | − | | |
| Unknown | − | | |
| EndOP | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_CPG_S_CW(CICnr: BITSTRING; cpa_eventi: INTEGER; cpa_atp:access_transport2)

**PDU Type** : CPG_PDU

**Derivation Path** :

**Encoding Rule Name** :

**Encoding Variation** :

**Comments** : CPG with the event information parameter event indication as parameter

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_CPG | | |
| EvInf | P_EvInf_S(cpa_eventi) | | |
| opt_part_ptr | ’01’O | | |
| Cause | − | | |
| CRef | − | | |
| BCI | − | | |
| OBCI | − | | |
| ATP | − | | |
| ATP_BCAP | − | | |
| ATP_PI | cpa_atp | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_PIBC | − | | |
| ATP_BCPI | − | | |
| ATP_PIHLC | − | | |
| ATP_HLCPI | − | | |
| UUInd | − | | |
| RnNb | − | | |
| UUInf | − | | |
| GenNot | P_GenNot_RS (’E0’O) | | |
| GenNot2 | − | | |
| NtwFac | − | | |
| RemOp | − | | |
| TMU | − | | |
| ADInf | − | | |
| ParCmp | − | | |
| CDInf | − | | |
| ServAct | − | | |
| RnNbRes | − | | |
| CCNRPos | − | | |
| NatPar | − | | |
| Unknown | − | | |
| EndOP | ’00’O | | |

**Detailed Comments** :

PDU Constraint Declaration

**Constraint Name** : P_CPG_S_NOT(CICnr: BITSTRING; cpa_gennot : generic_notification_indicator)
**PDU Type** : CPG_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CPG with the generic notification parameter as parameter

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_CPG | | |
| EvInf | P_EvInf_S(2) | | |
| opt_part_ptr | '01'O | | |
| Cause | − | | |
| CRef | − | | |
| BCI | − | | |
| OBCI | − | | |
| ATP | − | | |
| ATP_BCAP | − | | CHANGE /9/ TJS |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_PIBC | − | | |
| ATP_BCPI | − | | |
| ATP_PIHLC | − | | |
| ATP_HLCPI | − | | |
| UUInd | − | | |
| RnNb | − | | |
| UUInf | − | | |
| GenNot | cpa_gennot | | |
| GenNot2 | − | | |
| NtwFac | − | | |
| RemOp | − | | |
| TMU | − | | |
| ADInf | − | | |
| ParCmp | − | | |
| CDInf | − | | |
| ServAct | − | | |
| RnNbRes | − | | |
| CCNRPos | − | | |
| NatPar | − | | |
| Unknown | − | | |
| EndOP | '00'O | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_IAM_R
**PDU Type** : IAM_PDU_R
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_iam_R | | |
| MType | MT_IAM | | |
| NatCon | P_NatCon_R | | |
| FCI | P_FCI_base_R | | |
| CgPC | P_CgPC_m_R | | |
| TMR | ? | | |
| var_part_ptr | ’02’O | | |
| opt_part_ptr | ? | | |
| CdPN | P_CdPN_R | | |
| TNtwSel | P_TNtwSel_R IF_PRESENT | | @ |
| CRef | P_CRef_R IF_PRESENT | | @ |
| CgPN | P_CgPN_R IF_PRESENT | | |
| OFCI | P_OFCI_R IF_PRESENT | | |
| RgNb | P_RgNb_R IF_PRESENT | | |
| RnInf | P_RnInf_R IF_PRESENT | | |
| CUGIC | P_CUGIC_R IF_PRESENT | | |
| ConRq | P_ConRq_R IF_PRESENT | | |
| OriCdNb | P_OriCdNb_R IF_PRESENT | | |
| UUInf | P_UUInf_R IF_PRESENT | | |
| ATP | P_ATP_R IF_PRESENT | | |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_2HLC | − | | |
| ATP_HLC_BC | − | | |
| ATP_BC_HLC | − | | |
| USI | P_USI_R IF_PRESENT | | |
| UUInd | P_UUInd_R IF_PRESENT | | |
| GenNb | P_GenNb_R IF_PRESENT | | |
| PDC | P_PDC_R IF_PRESENT | | |
| USIp | P_USIp_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| GenDig | P_GenDig_R IF_PRESENT | | @ |
| OriISC | P_OriISC_R IF_PRESENT | | |
| UTI | P_UTI_R IF_PRESENT | | |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| GenNot | P_GenNot_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| GenRef | P_GenRef_R IF_PRESENT | | |
| MLPPpre | P_MLPPpre_R IF_PRESENT | | |
| TMRp | P_TMRp_R IF_PRESENT | | |
| LocNb | P_LocNb_R IF_PRESENT | | |
| CCSScall | P_CCSScall_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | ’00’O IF_PRESENT | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_IAM_R1_CLIP(cpa_cgpn: calling_party_number)
**PDU Type** : IAM_PDU_R
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : IAM message with the following parameter:
calling party number
and WITHOUT generic number 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 | cpa_cgpn | | |
| 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 | − | | |
| 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 | − | | |
| PDC | P_PDC_R IF_PRESENT | | |
| USIp | P_USIp_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| GenDig | P_GenDig_R IF_PRESENT | | @ |
| OriISC | P_OriISC_R IF_PRESENT | | |
| UTI | P_UTI_R IF_PRESENT | | |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| GenNot | P_GenNot_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| GenRef | P_GenRef_R IF_PRESENT | | |
| MLPPpre | P_MLPPpre_R IF_PRESENT | | |
| TMRp | P_TMRp_R IF_PRESENT | | |
| LocNb | P_LocNb_R IF_PRESENT | | |
| CCSScall | P_CCSScall_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | ’00’O | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_IAM_R2_CLIP(cpa_cgpn: calling_party_number)
**PDU Type** : IAM_PDU_R
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : IAM message with the following parameter:
calling party number
ATP containing subaddress information
and WITHOUT generic number 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 | cpa_cgpn | | |
| 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 | − | | |
| ATP | P_ATP_R_CLIP | | |
| 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 | − | | |
| PDC | P_PDC_R IF_PRESENT | | |
| USIp | P_USIp_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| GenDig | P_GenDig_R IF_PRESENT | | @ |
| OriISC | P_OriISC_R IF_PRESENT | | |
| UTI | P_UTI_R IF_PRESENT | | |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| GenNot | P_GenNot_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| GenRef | P_GenRef_R IF_PRESENT | | |
| MLPPpre | P_MLPPpre_R IF_PRESENT | | |
| TMRp | P_TMRp_R IF_PRESENT | | |
| LocNb | P_LocNb_R IF_PRESENT | | |
| CCSScall | P_CCSScall_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | ’00’O | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_IAM_R3_CLIP(cpa_cgpn: calling_party_number; cpa_gen:generic_number)
**PDU Type** : IAM_PDU_R
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : IAM message with the following parameter:
calling party number
generic number

| 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 | cpa_cgpn | | |
| 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 | − | | |
| 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 | cpa_gen | | |
| PDC | P_PDC_R IF_PRESENT | | |
| USIp | P_USIp_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| GenDig | P_GenDig_R IF_PRESENT | | @ |
| OriISC | P_OriISC_R IF_PRESENT | | |
| UTI | P_UTI_R IF_PRESENT | | |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| GenNot | P_GenNot_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| GenRef | P_GenRef_R IF_PRESENT | | |
| MLPPpre | P_MLPPpre_R IF_PRESENT | | |
| TMRp | P_TMRp_R IF_PRESENT | | |
| LocNb | P_LocNb_R IF_PRESENT | | |
| CCSScall | P_CCSScall_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | ’00’O | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_IAM_R4_CLIP(cpa_cgpn: calling_party_number; cpa_gen:generic_number)
**PDU Type** : IAM_PDU_R
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : IAM message with the following parameter:
calling party number
generic number
ATP including the subaddress information

| 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 | cpa_cgpn | | |
| 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 | − | | |
| ATP | P_ATP_R_CLIP | | |
| 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 | cpa_gen | | |
| PDC | P_PDC_R IF_PRESENT | | |
| USIp | P_USIp_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| GenDig | P_GenDig_R IF_PRESENT | | @ |
| OriISC | P_OriISC_R IF_PRESENT | | |
| UTI | P_UTI_R IF_PRESENT | | |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| GenNot | P_GenNot_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| GenRef | P_GenRef_R IF_PRESENT | | |
| MLPPpre | P_MLPPpre_R IF_PRESENT | | |
| TMRp | P_TMRp_R IF_PRESENT | | |
| LocNb | P_LocNb_R IF_PRESENT | | |
| CCSScall | P_CCSScall_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | ’00’O | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_IAM_R_COLP
**PDU Type** : IAM_PDU_R
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_iam_R | | |
| MType | MT_IAM | | |
| NatCon | P_NatCon_R | | |
| FCI | P_FCI_base_R | | |
| CgPC | P_CgPC_m_R | | |
| TMR | ? | | |
| var_part_ptr | '02'O | | |
| opt_part_ptr | ? | | |
| CdPN | P_CdPN_R | | |
| TNtwSel | P_TNtwSel_R IF_PRESENT | | @ |
| CRef | P_CRef_R IF_PRESENT | | @ |
| CgPN | P_CgPN_R IF_PRESENT | | |
| OFCI | P_OFCI_R_COLP | | |
| 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 | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_IAM_R_SUB(cpa_atp: access_transport)
**PDU Type** : IAM_PDU_R
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : IAM message with ATP including a called party subadddress

| 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 | − | | |
| ATP | cpa_atp | | |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_2HLC | − | | |
| ATP_HLC_BC | − | | |
| ATP_BC_HLC | − | | |
| USI | P_USI_R IF_PRESENT | | |
| UUInd | P_UUInd_R IF_PRESENT | | |
| GenNb | P_GenNb_R IF_PRESENT | | |
| PDC | P_PDC_R IF_PRESENT | | |
| USIp | P_USIp_R IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| GenDig | P_GenDig_R IF_PRESENT | | @ |
| OriISC | P_OriISC_R IF_PRESENT | | |
| UTI | P_UTI_R IF_PRESENT | | |
| RemOp | P_RemOp_R IF_PRESENT | | @ |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| GenNot | P_GenNot_R IF_PRESENT | | |
| ServAct | P_ServAct_R IF_PRESENT | | @ |
| GenRef | P_GenRef_R IF_PRESENT | | |
| MLPPpre | P_MLPPpre_R IF_PRESENT | | |
| TMRp | P_TMRp_R IF_PRESENT | | |
| LocNb | P_LocNb_R IF_PRESENT | | |
| CCSScall | P_CCSScall_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | ’00’O | | |

**Detailed Comments** : @: This parameter is for national use only. It shall not be sent on the international interface.

## PDU Constraint Declaration

**Constraint Name** : P_IAM_S
**PDU Type** : IAM_PDU_S
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : IAM with called party number containing the complete digits and without the end of pulsing signal 'ST'

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(PXP_CIC_S) | | |
| MType | MT_IAM | | |
| NatCon | P_NatCon_S('00'B) | | |
| FCI | P_FCI_S('1'B,'1'B) | | |
| CgPC | P_CgPC_m_RS | | |
| TMR | PXP_TMR | | |
| var_part_ptr | '02'O | | |
| opt_part_ptr | INT_TO_OCTET(OCTET_TO_INT_2 (PXP_CDPNL_NO_ST_S),1) | | |
| CdPN | P_CdPN_S(PXP_CDPNL_NO_ST_S, PXP_CDPNV_NO_ST_S) | | |
| TNtwSel | − | | |
| CRef | − | | |
| CgPN | P_CgPN_S | | |
| OFCI | − | | |
| RgNb | − | | |
| RnInf | − | | |
| CUGIC | − | | |
| ConRq | − | | |
| OriCdNb | − | | |
| UUInf | − | | |
| ATP | − | | |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_2HLC | − | | |
| USI | − | | |
| UUInd | − | | |
| GenNb | − | | |
| PDC | − | | |
| USIp | − | | |
| NtwFac | − | | |
| GenDig | − | | |
| OriISC | − | | |
| UTI | − | | |
| RemOp | − | | |
| ParCmp | − | | |
| GenNot | − | | |
| ServAct | − | | |
| GenRef | − | | |
| MLPPpre | − | | |
| TMRp | − | | |
| LocNb | − | | |
| CCSScall | − | | |
| Unknown | − | | |
| EndOP | '00'O | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_IAM_S_COLP
**PDU Type** : IAM_PDU_S
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : IAM with called party number containing the complete digits and without the end of pulsing signal 'ST'

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(PXP_CIC_S) | | |
| MType | MT_IAM | | |
| NatCon | P_NatCon_S('00'B) | | |
| FCI | P_FCI_S('1'B,'1'B) | | |
| CgPC | P_CgPC_m_RS | | |
| TMR | PXP_TMR | | |
| var_part_ptr | '02'O | | |
| opt_part_ptr | INT_TO_OCTET(OCTET_TO_INT_2 (PXP_CDPNL_NO_ST_S),1) | | |
| CdPN | P_CdPN_S(PXP_CDPNL_NO_ST_S, PXP_CDPNV_NO_ST_S) | | |
| TNtwSel | − | | |
| CRef | − | | |
| CgPN | P_CgPN_S | | |
| OFCI | P_OFCI_S | | |
| RgNb | − | | |
| RnInf | − | | |
| CUGIC | − | | |
| ConRq | − | | |
| OriCdNb | − | | |
| UUInf | − | | |
| ATP | − | | |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_2HLC | − | | |
| USI | − | | |
| UUInd | − | | |
| GenNb | − | | |
| PDC | − | | |
| USIp | − | | |
| NtwFac | − | | |
| GenDig | − | | |
| OriISC | − | | |
| UTI | − | | |
| RemOp | − | | |
| ParCmp | − | | |
| GenNot | − | | |
| ServAct | − | | |
| GenRef | − | | |
| MLPPpre | − | | |
| TMRp | − | | |
| LocNb | − | | |
| CCSScall | − | | |
| Unknown | − | | |
| EndOP | '00'O | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_IAM_S_CLIP ( cpa_cgpn: calling_party_number; cpa_gennum : generic_number; cpa_atp:access_transport )

**PDU Type** : IAM_PDU_S

**Derivation Path** :

**Encoding Rule Name** :

**Encoding Variation** :

**Comments** : IAM with the following parameters:
calling party number
generic number
WITH ATP including a calling party subaddress

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(PXP_CIC_S) | | |
| MType | MT_IAM | | |
| NatCon | P_NatCon_S('00'B) | | |
| FCI | P_FCI_S('1'B,'1'B) | | |
| CgPC | P_CgPC_m_RS | | |
| TMR | PXP_TMR | | |
| var_part_ptr | '02'O | | |
| opt_part_ptr | INT_TO_OCTET(OCTET_TO_INT_2 (PXP_CDPNL_NO_ST_S),1) | | |
| CdPN | P_CdPN_S(PXP_CDPNL_NO_ST_S, PXP_CDPNV_NO_ST_S) | | |
| TNtwSel | − | | |
| CRef | − | | |
| CgPN | cpa_cgpn | | |
| OFCI | − | | |
| RgNb | − | | |
| RnInf | − | | |
| CUGIC | − | | |
| ConRq | − | | |
| OriCdNb | − | | |
| UUInf | − | | |
| ATP | cpa_atp | | |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_2HLC | − | | |
| USI | − | | |
| UUInd | − | | |
| GenNb | cpa_gennum | | |
| PDC | − | | |
| USIp | − | | |
| NtwFac | − | | |
| GenDig | − | | |
| OriISC | − | | |
| UTI | − | | |
| RemOp | − | | |
| ParCmp | − | | |
| GenNot | − | | |
| ServAct | − | | |
| GenRef | − | | |
| MLPPpre | − | | |
| TMRp | − | | |
| LocNb | − | | |
| CCSScall | − | | |
| Unknown | − | | |
| EndOP | '00'O | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_IAM_S_SUB
**PDU Type** : IAM_PDU_S
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : IAM with called party number containing the complete digits and without the end of pulsing signal 'ST'
User−to−user information: parameter

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(PXP_CIC_S) | | |
| MType | MT_IAM | | |
| NatCon | P_NatCon_S('00'B) | | |
| FCI | P_FCI_S('1'B,'1'B) | | |
| CgPC | P_CgPC_m_RS | | |
| TMR | PXP_TMR | | |
| var_part_ptr | '02'O | | |
| opt_part_ptr | INT_TO_OCTET(OCTET_TO_INT_2 (PXP_CDPNL_NO_ST_S),1) | | |
| CdPN | P_CdPN_S(PXP_CDPNL_NO_ST_S, PXP_CDPNV_NO_ST_S) | | |
| TNtwSel | − | | |
| CRef | − | | |
| CgPN | P_CgPN_S | | |
| OFCI | − | | |
| RgNb | − | | |
| RnInf | − | | |
| CUGIC | − | | |
| ConRq | − | | |
| OriCdNb | − | | |
| UUInf | − | | |
| ATP | P_ATP_S_SUB | | |
| ATP_PI | − | | |
| ATP_HLC | − | | |
| ATP_LLC | − | | |
| ATP_2HLC | − | | |
| USI | − | | |
| UUInd | − | | |
| GenNb | − | | |
| PDC | − | | |
| USIp | − | | |
| NtwFac | − | | |
| GenDig | − | | |
| OriISC | − | | |
| UTI | − | | |
| RemOp | − | | |
| ParCmp | − | | |
| GenNot | − | | |
| ServAct | − | | |
| GenRef | − | | |
| MLPPpre | − | | |
| TMRp | − | | |
| LocNb | − | | |
| CCSScall | − | | |
| Unknown | − | | |
| EndOP | '00'O | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_REL_R (CICnr: BITSTRING)
**PDU Type** : REL_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_REL | | |
| var_part_ptr | '02'O | | |
| opt_part_ptr | ? | | |
| Cause | P_Cause_m_R | | |
| RnInf | P_RnInf_R IF_PRESENT | | |
| RnNb | P_RnNb_R IF_PRESENT | | |
| ATP | P_ATP_R IF_PRESENT | | |
| ATP_PI | − | | |
| SPC | P_SPC_R IF_PRESENT | | |
| UUInf | P_UUInf_R IF_PRESENT | | |
| ACL | P_ACL_R_S IF_PRESENT | | |
| NtwFac | P_NtwFac_R IF_PRESENT | | @ |
| ADInf | P_ADInf_R IF_PRESENT | | |
| ParCmp | P_ParCmp_R IF_PRESENT | | |
| RnNbRes | P_RnNbRes_R IF_PRESENT | | |
| UUInd | P_UUInd_R IF_PRESENT | | |
| NatPar | P_National_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | '00'O IF_PRESENT | | |

**Detailed Comments** :
@: This parameter is for national use only. It shall not be sent on the international interface. However, it is possible that it will be sent by a local exchange.

## PDU Constraint Declaration

**Constraint Name** : P_REL_S(CICnr: BITSTRING)
**PDU Type** : REL_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_REL | | |
| var_part_ptr | '02'O | | |
| opt_part_ptr | '00'O | | |
| Cause | P_Cause_m_S | | |
| RnInf | − | | |
| RnNb | − | | |
| ATP | − | | |
| ATP_PI | − | | |
| SPC | − | | |
| UUInf | − | | |
| ACL | − | | |
| NtwFac | − | | |
| ADInf | − | | |
| ParCmp | − | | |
| RnNbRes | − | | |
| UUInd | − | | |
| NatPar | − | | |
| Unknown | − | | |
| EndOP | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_RES_S (CICnr: BITSTRING; cpa_sri : BITSTRING)
**PDU Type** : RES_SUS_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | m |
| CICode | P_CIC_R_S(CICnr) | | m |
| MType | MT_RES | | m |
| SusResInd | P_SRIndf_RS ( cpa_sri ) | | m |
| opt_part_ptr | '00'O | | m |
| CallRef | − | | o |
| EndOP | − | | o |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_RES_R (CICnr: BITSTRING; cpa_sri : BITSTRING)
**PDU Type** : RES_SUS_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | m |
| CICode | P_CIC_R_S(CICnr) | | m |
| MType | MT_RES | | m |
| SusResInd | P_SRIndf_RS ( cpa_sri ) | | m |
| opt_part_ptr | ? | | m |
| CallRef | * | | o |
| EndOP | * | | o |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_RLC_R ( CICnr: BITSTRING)
**PDU Type** : RLC_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_RLC | | |
| opt_part_ptr | ? | | CHANGE /3/ 9.3.99 /TJS |
| Cause | P_Cause_o_R IF_PRESENT | | |
| Unknown | − | | |
| EndOP | ’00’O IF_PRESENT | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_RLC_S (CICnr: BITSTRING)
**PDU Type** : RLC_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_RLC | | |
| opt_part_ptr | '00'O | | |
| Cause | − | | |
| Unknown | − | | |
| EndOP | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_RSC_R(CICnr: BITSTRING)
**PDU Type** : RSC_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_RSC | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_RSC_S(CICnr: BITSTRING)
**PDU Type** : RSC_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_RSC | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_SUS_S (CICnr: BITSTRING; cpa_sri : BITSTRING)
**PDU Type** : RES_SUS_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | m |
| CICode | P_CIC_R_S(CICnr) | | m |
| MType | MT_SUS | | m |
| SusResInd | P_SRIndf_RS ( cpa_sri ) | | m |
| opt_part_ptr | ’00’O | | m |
| CallRef | − | | o |
| EndOP | − | | o |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_SUS_R (CICnr: BITSTRING; cpa_sri : BITSTRING)
**PDU Type** : RES_SUS_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | m |
| CICode | P_CIC_R_S(CICnr) | | m |
| MType | MT_SUS | | m |
| SusResInd | P_SRIndf_RS ( cpa_sri ) | | m |
| opt_part_ptr | ? | | m |
| CallRef | * | | o |
| EndOP | ’00’O IF_PRESENT | | o |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_UBA_S(CICnr: BITSTRING)
**PDU Type** : UBA_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CHANGE / 2.3 / 10.2−99 / KP

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_S | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_UBA | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : P_UBL_R(CICnr: BITSTRING)
**PDU Type** : UBL_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CHANGE / 2.3 / 10.2−99 / KP

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| RoutingLbl | P_Routing_label_R | | |
| CICode | P_CIC_R_S(CICnr) | | |
| MType | MT_UBL | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : ALT_R(FLAG:INTEGER; CALL_REF:CALL_REF_TYPE)
**PDU Type** : ALERTING_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_ALERTING | | |
| bcap | * | | |
| efac | * | | |
| chi | ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) IF_PRESENT | | |
| fac | * | | |
| pi1 | * | | |
| pi2 | * | | |
| noid | * | | |
| dsp | * | | |
| ronn | * | | |
| hlc | * | | |
| uui | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : ALT_R_CW (FLAG:INTEGER; CALL_REF:CALL_REF_TYPE)
**PDU Type** : ALERTING_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_ALERTING | | |
| bcap | * | | |
| efac | * | | |
| chi | ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) IF_PRESENT | | |
| fac | * | | |
| pi1 | * | | |
| pi2 | * | | |
| noid | NOID_SR ( 'E0'O ) | | |
| dsp | * | | |
| ronn | * | | |
| hlc | * | | |
| uui | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : ALT_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : ALERTING_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_ALERTING | | |
| bcap | − | | |
| efac | − | | |
| chi | − | | |
| fac | − | | |
| pi1 | − | | |
| pi2 | − | | |
| noid | − | | |
| dsp | − | | |
| ronn | − | | |
| hlc | − | | |
| uui | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : ALT_S_CW (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : ALERTING_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_ALERTING | | |
| bcap | − | | |
| efac | − | | |
| chi | − | | |
| fac | − | | |
| pi1 | − | | |
| pi2 | − | | |
| noid | NOID_SR ( ’E0’O ) | | |
| dsp | − | | |
| ronn | − | | |
| hlc | − | | |
| uui | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : CA_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : CONNECT_ACK_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_CONNECT_ACK | | |
| efac | * | | |
| fac | * | | |
| noid | * | | |
| dsp | * | | |

**Detailed Comments** : PDU with "don’t care" values;

PDU Constraint Declaration

**Constraint Name** : CN_R(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : CONNECT_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_CONNECT | | |
| bcap | * | | |
| efac | * | | |
| chi | ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) IF_PRESENT | | |
| fac | * | | |
| pi | * | | |
| noid | * | | |
| dsp | * | | |
| dati | * | | |
| codn | * | | |
| cods | * | | |
| ronn | * | | |
| llc | * | | |
| hlc | * | | |
| uui | * | | |

**Detailed Comments** : PDU with "don’t care" values;

## PDU Constraint Declaration

**Constraint Name** : CN_R_COLP (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_codn : CODN; cpa_cods : CODS )

**PDU Type** : CONNECT_PDU

**Derivation Path** :

**Encoding Rule Name** :

**Encoding Variation** :

**Comments** : Receive PDU with
a Connected number ie
a subaddress information

| 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 | cpa_codn | | |
| cods | cpa_cods | | |
| ronn | * | | |
| llc | * | | |
| hlc | * | | |
| uui | * | | |

**Detailed Comments** : PDU with "don’t care" values;

## PDU Constraint Declaration

**Constraint Name** : CN_S(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : CONNECT_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_CONNECT | | |
| bcap | − | | |
| efac | − | | |
| chi | − | | |
| fac | − | | |
| pi | − | | |
| noid | − | | |
| dsp | − | | |
| dati | − | | |
| codn | − | | |
| cods | − | | |
| ronn | − | | |
| llc | − | | |
| hlc | − | | |
| uui | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : CN_S_COLP (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_codn:CODN; cpa_cods:CODS)
**PDU Type** : CONNECT_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU with User−user information element

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_CONNECT | | |
| bcap | − | | |
| efac | − | | |
| chi | − | | |
| fac | − | | |
| pi | − | | |
| noid | − | | |
| dsp | − | | |
| dati | − | | |
| codn | cpa_codn | | |
| cods | cpa_cods | | |
| ronn | − | | |
| llc | − | | |
| hlc | − | | |
| uui | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : CP_S1(FLAG:INTEGER;CALL_REF:CALL_REF_TYPE)
**PDU Type** : CALL_PROC_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_CALL_PROC | | |
| bcap | − | | |
| efac | − | | |
| chi | − | | |
| fac | − | | |
| pi1 | − | | |
| pi2 | − | | |
| noid | − | | |
| dsp | − | | |
| hlc | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : CP_R1(FLAG:INTEGER;CALL_REF:CALL_REF_TYPE)
**PDU Type** : CALL_PROC_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** :

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_CALL_PROC | | |
| bcap | * | | |
| efac | * | | |
| chi | ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) IF_PRESENT | | |
| fac | * | | |
| pi1 | * | | |
| pi2 | * | | |
| noid | * | | |
| dsp | * | | |
| hlc | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : DI_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : DISCONNECT_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_DISCONNECT | | |
| cau | CAU_R1 | | |
| efac | * | | |
| fac | * | | |
| pi | * | | |
| noid | * | | |
| dsp | * | | |
| uui | * | | |

**Detailed Comments** : PDU with "don’t care" values.

## PDU Constraint Declaration

**Constraint Name** : GFP_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : GFP_MSG_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | ? | | |
| ie_list | * | | |

**Detailed Comments** : PDU with a valid CREF. Used for test cases where PDUs must be absorbed by the tester.

## PDU Constraint Declaration

**Constraint Name** : HL_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : HOLD_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | '00001000'B | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_HOLD | | |
| fac | − | | |
| dsp | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : HA_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : HOLD_ACK_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | '00001000'B | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_HOLD_ACK | | |
| fac | * | | |
| dsp | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : HR_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : HOLD_REJ_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | '00001000'B | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_HOLD_REJ | | |
| cau | ? | | |
| fac | * | | |
| dsp | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : IN_R(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : INFORMATION_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU. Information message with don’t care value.

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_INFORMATION | | |
| sci | * | | |
| cau | * | | |
| efac | * | | |
| fac | * | | |
| noid | * | | |
| dsp | * | | |
| kpf | * | | |
| cdpn | * | | |
| ronn | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : NO_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : NOTIFY_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_NOTIFY | | |
| noid | NOID_R1 | | |
| noid2 | − | | |
| dsp | * | | |
| ronn | * | | |

**Detailed Comments** : PDU with "don’t care" values in noid.

## PDU Constraint Declaration

**Constraint Name** : NO_R2 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_noid: NOID )
**PDU Type** : NOTIFY_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU with a notification indicator parameter

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_NOTIFY | | |
| noid | cpa_noid | | |
| noid2 | − | | |
| dsp | * | | |
| ronn | * | | |

**Detailed Comments** : PDU with "don’t care" values.

## PDU Constraint Declaration

**Constraint Name** : NO_S1 (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; cpa_noid: NOID )
**PDU Type** : NOTIFY_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU with a notification indicator parameter

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_NOTIFY | | |
| noid | cpa_noid | | |
| noid2 | − | | |
| dsp | − | | |
| ronn | − | | |

**Detailed Comments** : PDU without optional parameters.

## PDU Constraint Declaration

**Constraint Name** : PG_R(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : PROGRESS_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : receive PROGRESS message with don’t care value

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_PROGRESS | | |
| bcap | * | | |
| cau | * | | |
| efac | * | | |
| fac | * | | |
| pi1 | * | | |
| pi2 | – | | |
| noid | * | | |
| dsp | * | | |
| ronn | * | | |
| hlc | * | | |
| uui | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : PG_R_CW(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : PROGRESS_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : receive PROGRESS message with don’t care value

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_PROGRESS | | |
| bcap | * | | |
| cau | * | | |
| efac | * | | |
| fac | * | | |
| pi1 | * | | |
| pi2 | – | | |
| noid | NOID_SR ( ’E0’O ) | | |
| dsp | * | | |
| ronn | * | | |
| hlc | * | | |
| uui | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : PG_S_CW(FLAG:INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : PROGRESS_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_PROGRESS | | |
| bcap | − | | |
| cau | − | | |
| efac | − | | |
| fac | − | | |
| pi1 | PI_S1 | | CHANGE /26/ TJS |
| pi2 | − | | |
| noid | NOID_SR('E0'O) | | |
| dsp | − | | |
| ronn | − | | |
| hlc | − | | |
| uui | − | | |

**Detailed Comments** : PDU without optional information elements

## PDU Constraint Declaration

**Constraint Name** : RC_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : RELEASE_COM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RELEASE_COM | | |
| cau | * | | |
| efac | * | | |
| fac | * | | |
| noid | * | | |
| dsp | * | | |
| uui | * | | |

**Detailed Comments** : PDU with "don't care" values.

PDU Constraint Declaration

**Constraint Name** : RC_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : RELEASE_COM_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RELEASE_COM | | |
| cau | − | | |
| efac | − | | |
| fac | − | | |
| noid | − | | |
| dsp | − | | |
| uui | − | | |

**Detailed Comments** : PDU without optional information elements.

PDU Constraint Declaration

**Constraint Name** : RL_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : RELEASE_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RELEASE | | |
| cau | * | | |
| efac | * | | |
| fac | * | | |
| noid | * | | |
| dsp | * | | |
| uui | * | | |

**Detailed Comments** : PDU with "don’t care" values.

PDU Constraint Declaration

**Constraint Name** : RL_S1(FLAG:INTEGER; CALL_REF: CALL_REF_TYPE; CVAL: INTEGER)
**PDU Type** : RELEASE_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RELEASE | | |
| cau | CAU_S1(CVAL) | | |
| efac | − | | |
| fac | − | | |
| noid | − | | |
| dsp | − | | |
| uui | − | | |

**Detailed Comments** : PDU with optional information element cau.

PDU Constraint Declaration

**Constraint Name** : RES_S (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CID_VAL: INTEGER)
**PDU Type** : RESUME_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RESUME | | |
| efac | − | | |
| cid | CID1(CID_VAL) | | |
| fac | − | | |
| noid | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : RESA_R(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : RESUME_ACK_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RESUME_ACK | | |
| efac | * | | |
| chi | ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) IF_PRESENT | | |
| fac | * | | |
| noid | * | | |
| dsp | * | | |

**Detailed Comments** : PDU without optional parameters

## PDU Constraint Declaration

**Constraint Name** : RSA_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; BCH_RS: OCTETSTRING; LENGTH: BITSTRING; CLASS_VAL: INTEGER)
**PDU Type** : RESTART_ACK_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RESTART_ACK | | |
| chi | – | | |
| chi_rs | ASSIGN_CHI_RS(CHI_RSb_S1(BCH), CHI_RSp_S1(BCH_RS,LENGTH), PC_BASIC) | | |
| dsp | – | | |
| ri | RI1(CLASS_VAL) | | |

**Detailed Comments** : PDU without optional parameters;
CHI mandatory if RI indicates "Indicated channels".

## PDU Constraint Declaration

**Constraint Name** : RSA_S2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CLASS_VAL: INTEGER)
**PDU Type** : RESTART_ACK_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RESTART_ACK | | |
| chi | − | | |
| chi_rs | − | | |
| dsp | − | | |
| ri | RI1(CLASS_VAL) | | |

**Detailed Comments** : PDU without optional parameters;
PDU that indicates "All interfaces" or "Single interface".

## PDU Constraint Declaration

**Constraint Name** : RST_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CLASS_VAL: INTEGER)
**PDU Type** : RESTART_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RESTART | | |
| chi | − | | |
| chi_rs | ASSIGN_CHI_RS(CHI_RSb_R1, CHI_RSp_R1, PC_BASIC) | | |
| dsp | * | | |
| ri | RI1(CLASS_VAL) | | |

**Detailed Comments** : PDU with "don’t care" values;
This PDU should only be received, if ri indicates "Indicated channels".

PDU Constraint Declaration

**Constraint Name** : RST_R2(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CLASS_VAL: INTEGER)
**PDU Type** : RESTART_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RESTART | | |
| chi | − | | |
| chi_rs | − | | |
| dsp | * | | |
| ri | RI1(CLASS_VAL) | | |

**Detailed Comments** : PDU with "don’t care" values;
PDU that indicates "All interfaces" or "Single interface".

PDU Constraint Declaration

**Constraint Name** : RT_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : RETRIEVE_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | ’00001000’B | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RETRIEVE | | |
| chi | − | | |
| fac | − | | |
| dsp | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : RTA_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : RETRIEVE_ACK_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | '00001000'B | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RETRIEVE_ACK | | |
| chi | ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) IF_PRESENT | | |
| fac | * | | |
| dsp | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : RTR_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : RETRIEVE_REJ_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | '00001000'B | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_RETRIEVE_REJ | | |
| cau | ? | | |
| fac | * | | |
| dsp | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : SP_S (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; CID_VAL: INTEGER)
**PDU Type** : SUSPEND_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Sent PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_SUSPEND | | |
| efac | − | | |
| cid | CID1(CID_VAL) | | |
| fac | − | | |
| noid | − | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : SPA_R (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : SUSPEND_ACK_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_SUSPEND_ACK | | |
| efac | * | | |
| fac | * | | |
| noid | * | | |
| dsp | * | | |

**Detailed Comments** : PDU without optional information elements.

## PDU Constraint Declaration

**Constraint Name** : SQ_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : STATUS_ENQ_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_STATUS_ENQ | | |
| dsp | * | | |

**Detailed Comments** : PDU with "don’t care" values.

## PDU Constraint Declaration

**Constraint Name** : ST_R1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : STATUS_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_STATUS | | |
| cau | ? | | |
| cst | ? | | |
| dsp | * | | |

**Detailed Comments** : PDU with "don’t care" values.

## PDU Constraint Declaration

**Constraint Name** : SU_R_BASE
**PDU Type** : SETUP_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR_R1 | | |
| mt | MT_SETUP | | |
| sci | * | | |
| bcap | * | | |
| bcap_2s | * | | CHANGE /25/ TJS |
| efac | * | | |
| chi | ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) | | |
| fac | * | | |
| pi | * | | |
| nsf | * | | |
| noid | * | | |
| dsp | * | | |
| dati | * | | |
| kpf | * | | |
| cgpn | * | | |
| cgpn_2 | * | | |
| cgps | * | | |
| cdpn | * | | |
| cdps | * | | |
| rngn | * | | |
| rngn_2 | * | | |
| tns | * | | |
| llc | * | | |
| hlc | * | | |
| hlc_2 | * | | |
| uui | * | | |
| sci_2 | * | | |

**Detailed Comments** : PDU with "don’t care" values used as base constraint for all SETUP messages to be received.

## PDU Constraint Declaration

**Constraint Name** : SU_R1
**PDU Type** : SETUP_PDU
**Derivation Path** : SU_R_BASE.
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU. Setup message

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| sci | * | | |
| sci_2 | * | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : SU_R1_CW
**PDU Type** : SETUP_PDU
**Derivation Path** : SU_R_BASE.
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : CHI:no channel

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| chi | ASSIGN_CHI(CHIb_R2,CHIp_R2, PC_BASIC) | | |

**Detailed Comments** :

## PDU Constraint Declaration

**Constraint Name** : SU_R_CLIP ( cpa_CGPN : CGPN; cpa_CGPN2 : CGPN; cpa_CGPS : CGPS )
**PDU Type** : SETUP_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU. Setup with
2 Calling party number
Calling party subaddress

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR_R1 | | |
| mt | MT_SETUP | | |
| sci | * | | |
| bcap | * | | |
| bcap_2s | * | | CHANGE /25/ TJS |
| efac | * | | |
| chi | ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) | | |
| fac | * | | |
| pi | * | | |
| nsf | * | | |
| noid | * | | |
| dsp | * | | |
| dati | * | | |
| kpf | * | | |
| cgpn | cpa_CGPN | | |
| cgpn_2 | cpa_CGPN2 | | |
| cgps | cpa_CGPS | | |
| cdpn | * | | |
| cdps | * | | |
| rngn | * | | |
| rngn_2 | – | | |
| tns | * | | |
| llc | * | | |
| hlc | * | | |
| hlc_2 | * | | |
| uui | * | | |
| sci_2 | * | | |

**Detailed Comments** : PDU with "don’t care" values used as base constraint for all SETUP messages to be received.

## PDU Constraint Declaration

**Constraint Name** : SU_R_SUB
**PDU Type** : SETUP_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Receive PDU with called party subaddress information element

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR_R1 | | |
| mt | MT_SETUP | | |
| sci | * | | |
| bcap | * | | |
| bcap_2s | * | | CHANGE /25/ TJS |
| efac | * | | |
| chi | ASSIGN_CHI(CHIb_R1,CHIp_R1, PC_BASIC) | | |
| fac | * | | |
| pi | * | | |
| nsf | * | | |
| noid | * | | |
| dsp | * | | |
| dati | * | | |
| kpf | * | | |
| cgpn | * | | |
| cgpn_2 | * | | |
| cgps | * | | |
| cdpn | * | | |
| cdps | CDPS_RS | | |
| rngn | * | | |
| rngn_2 | * | | |
| tns | * | | |
| llc | * | | |
| hlc | * | | |
| hlc_2 | * | | |
| uui | * | | |
| sci_2 | * | | |

**Detailed Comments** : PDU with "don’t care" values

## PDU Constraint Declaration

**Constraint Name** : SU_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING)
**PDU Type** : SETUP_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_SETUP | | |
| sci | SCI_VALUE | | |
| bcap | BCAP_S1 | | |
| bcap_2s | − | | |
| efac | − | | |
| chi | ASSIGN_CHI(CHIb_S1(BCH),CHIp_S1(BCH),PC_BASIC) | | |
| fac | − | | |
| pi | − | | |
| nsf | − | | |
| noid | − | | |
| dsp | − | | |
| dati | − | | |
| kpf | − | | |
| cgpn | − | | |
| cgpn_2 | − | | |
| cgps | − | | |
| cdpn | CDPN_S1 | | |
| cdps | − | | |
| rngn | − | | |
| rngn_2 | − | | |
| tns | − | | |
| llc | − | | |
| hlc | HLC_RS1 | | |
| hlc_2 | − | | |
| uui | − | | |
| sci_2 | − | | |

**Detailed Comments** : SETUP message with the complete called party information containing the number digits of the access related to the PTC2 and the Sending complete information element.

## PDU Constraint Declaration

**Constraint Name** : SU_S_CW (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING)
**PDU Type** : SETUP_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_SETUP | | |
| sci | SCI_VALUE | | |
| bcap | BCAP_S1 | | |
| bcap_2s | − | | |
| efac | − | | |
| chi | ASSIGN_CHI(CHIb_S1(BCH),CHIp_S1(BCH),PC_BASIC) | | |
| fac | − | | |
| pi | − | | |
| nsf | − | | |
| noid | − | | |
| dsp | − | | |
| dati | − | | |
| kpf | − | | |
| cgpn | − | | |
| cgpn_2 | − | | |
| cgps | − | | |
| cdpn | CDPN_S_CW | | |
| cdps | − | | |
| rngn | − | | |
| rngn_2 | − | | |
| tns | − | | |
| llc | − | | |
| hlc | HLC_RS1 | | |
| hlc_2 | − | | |
| uui | − | | |
| sci_2 | − | | |

**Detailed Comments** : SETUP message with the complete called party information containing the number digits of the access related to the PTC2 and the Sending complete information element.

## PDU Constraint Declaration

**Constraint Name** : SU_S_CLIP ( FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING; P_CGPN:CGPN; P_CGPS:CGPS )

**PDU Type** : SETUP_PDU

**Derivation Path** :

**Encoding Rule Name** :

**Encoding Variation** :

**Comments** : Send PDU with CGPN and CGPS

| 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),CHIp_S1(BCH),PC_BASIC) | | |
| fac | − | | |
| pi | − | | |
| nsf | − | | |
| noid | − | | |
| dsp | − | | |
| dati | − | | |
| kpf | − | | |
| cgpn | P_CGPN | | |
| cgpn_2 | − | | |
| cgps | P_CGPS | | |
| cdpn | CDPN_S1 | | |
| cdps | − | | |
| rngn | − | | |
| rngn_2 | − | | |
| tns | − | | |
| llc | − | | |
| hlc | HLC_RS1 | | |
| hlc_2 | − | | |
| uui | − | | |
| sci_2 | − | | |

**Detailed Comments** : SETUP message with the complete called party information containing the number digits of the access related to the PTC2 and the Sending complete information element.

PDU Constraint Declaration

**Constraint Name** : SU_S_SUB (FLAG: INTEGER; CALL_REF: CALL_REF_TYPE; BCH: BITSTRING)
**PDU Type** : SETUP_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU with Facility information element

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_SETUP | | |
| sci | SCI_VALUE | | |
| bcap | BCAP_S1 | | |
| bcap_2s | − | | |
| efac | − | | |
| chi | ASSIGN_CHI(CHIb_S1(BCH),CHIp_S1(BCH),PC_BASIC) | | |
| fac | − | | |
| pi | − | | |
| nsf | − | | |
| noid | − | | |
| dsp | − | | |
| dati | − | | |
| kpf | − | | |
| cgpn | − | | |
| cgpn_2 | − | | |
| cgps | − | | |
| cdpn | CDPN_S1 | | |
| cdps | CDPS_RS | | |
| rngn | − | | |
| rngn_2 | − | | |
| tns | − | | |
| llc | − | | |
| hlc | HLC_RS1 | | |
| hlc_2 | − | | |
| uui | − | | |
| sci_2 | − | | |

**Detailed Comments** : SETUP message with the complete called party information containing the number digits of the access related to the PTC2 and the Sending complete information element.

## PDU Constraint Declaration

**Constraint Name** : SUA_S1(FLAG: INTEGER; CALL_REF: CALL_REF_TYPE)
**PDU Type** : SETUP_ACK_PDU
**Derivation Path** :
**Encoding Rule Name** :
**Encoding Variation** :
**Comments** : Send PDU

| Field Name | Field Value | Field Encoding | Comments |
|---|---|---|---|
| pd | PROTOCOL_DISCRIMINATOR_Q931 | | |
| cr | CR1(FLAG,CALL_REF) | | |
| mt | MT_SETUP_ACK | | |
| efac | − | | |
| chi | − | | |
| fac | − | | |
| pi | − | | |
| noid | − | | |
| dsp | − | | |

**Detailed Comments** : PDU with "don’t care" values.

## CM Constraint Declaration

**Constraint Name** : RDY
**CM Type** : CP_M
**Derivation Path** :
**Comments** :

| Parameter Name | Parameter Value | Comments |
|---|---|---|
| CM_content | "READY" | |

**Detailed Comments** :

## CM Constraint Declaration

**Constraint Name** : S_MSG
**CM Type** : CP_M
**Derivation Path** :
**Comments** : To trigger the sending of a message

| Parameter Name | Parameter Value | Comments |
|---|---|---|
| CM_content | "S_MSG" | |

**Detailed Comments** :

## CM Constraint Declaration

**Constraint Name** : STOP_PTC
**CM Type** : CP_M
**Derivation Path** :
**Comments** : To stop the PTC test step

| Parameter Name | Parameter Value | Comments |
|---|---|---|
| CM_content | "STOP_PTC" | |

**Detailed Comments** :

# IV

# Dynamic Part

## Test Case Dynamic Behaviour

**Test Case Name** : CRCT_UP
**Group** : CIRCUIT_CONTROLING/
**Purpose** : Needed to get used TSL to WO−EX state. Sends responses to UBL, BLO, GRS and RSC messages.
**Configuration** : CONFIG1
**Default** : OtherwiseFail
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC2:PTC_OUT) | | | |
| 2 | | START TWAIT | | | |
| 3 | | CPA2?CP_M CANCEL TWAIT, START TWAIT | RDY | | |
| 4 | | CPA2?CP_M CANCEL TWAIT, START TWAIT | RDY | | |
| 5 | | ?DONE(PTC2) | | | |
| 6 | | ?TIMEOUT TWAIT | | F | |
| 7 | | ?TIMEOUT TWAIT | | F | |
| | | PTC_OUT | | | |
| 8 | | ACTIVATE(OtherwiseFail_2) | | | |
| 9 | | CPA2!CP_M | RDY | | |
| 10 | L1 | START TWAIT | | | |
| 11 | | L2?P_PDUr | TrI(P_RSC_R(CIC_VAL)) | | |
| 12 | | L2!P_PDUs | TrR(P_RLC_S(CIC_VAL)) | | |
| 13 | | GOTO L1 | | | |
| 14 | | L2?P_PDUr | TrI(P_UBL_R(CIC_VAL)) | (P) | |
| 15 | | L2!P_PDUs | TrR(P_UBA_S(CIC_VAL)) | | |
| 16 | | CPA2!CP_M | RDY | | |
| 17 | | L2?P_PDUr | TrI(P_BLO_R(CIC_VAL)) | | |
| 18 | | L2!P_PDUs | TrR(P_BLA_S(CIC_VAL)) | | |
| 19 | | GOTO L1 | | | |
| 20 | | ?TIMEOUT TWAIT | | | |
| 21 | | GOTO L1 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : CRCT_RESET
**Group** : CIRCUIT_CONTROLING/
**Purpose** : Sends BLO and waits for BLA
**Configuration** : CONFIG1
**Default** : OtherwiseFail
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC2:PTC_CRCT) | | | |
| 2 | | ?DONE(PTC2) | | | |
| | | PTC_CRCT | | | |
| 3 | | ACTIVATE(OtherwiseFail_2) | | | |
| 4 | | L2!P_PDUs START TAC | TrR(P_BLO_S(CIC_VAL)) | | |
| 5 | | L2?P_PDUr CANCEL TAC | TrI(P_BLA_R(CIC_VAL)) | P | |
| 6 | | ?TIMEOUT TAC | | I | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501101

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with an invalid Calling party number information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S_Invalid,−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP ('0000011'B, '11'B, PXP_DEFAULT_NUMBER ))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501102

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with an invalid Calling party number information element but with a valid Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S_Invalid, CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER ))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501103

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message without a Calling party number information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN,−,−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP ('0000011'B, '11'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501104

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message without a Calling party number information element, but with a valid Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = Default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, −, CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501105_01

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/TC501105/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a
Calling party number information element coded
Type of number = national number,
Numbering plan identification = ISDN/Telephony numbering,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1(’010’B, ’0001’B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R3_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER ), P_GenNb_R_CLIP (’0000011’B, ’001’B, ’00’B,PXP_NAT_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501105_02

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/TC501105/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a
Calling party number information element coded
Type of number = national number,
Numbering plan identification = unknown,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1(’010’B, ’0000’B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R3_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER), P_GenNb_R_CLIP (’0000011’B, ’001’B, ’00’B,PXP_NAT_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501106_01

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/TC501106/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a
Calling party number information element coded
Type of number = national number
Numbering plan identification = ISDN/Telephony numbering
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1(’010’B, ’0001’B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R4_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER), P_GenNb_R_CLIP (’0000011’B, ’001’B, ’00’B,PXP_NAT_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501106_02

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/TC501106/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a
Calling party number information element coded
Type of number = national number
Numbering plan identification = unknown
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1(’010’B, ’0000’B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R4_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER), P_GenNb_R_CLIP (’0000011’B, ’001’B, ’00’B,PXP_NAT_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501107_01

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/TC501107/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a
Calling party number information element coded
Type of number = international number
Numbering plan identification = ISDN/Telephony numbering
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S4('001'B, '0001'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R3_CLIP ( P_CgPN_R_CLIP ('0000011'B, '11'B, PXP_DEFAULT_NUMBER), P_GenNb_R_CLIP ('0000100'B, '001'B, '00'B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501107_02

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/TC501107/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a
Calling party number information element coded
Type of number = international number
Numbering plan identification = unknown
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S4(’001’B, ’0000’B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R3_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER), P_GenNb_R_CLIP (’0000100’B, ’001’B, ’00’B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501108_01

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/TC501108/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = international number
Numbering plan identification = ISDN/Telephony numbering
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S4(’001’B, ’0001’B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R4_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER), P_GenNb_R_CLIP (’0000100’B, ’001’B, ’00’B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501108_02

**Group** : DSS1_ISUP/CLIP/Special_Arrangement/TC501108/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = international number
Numbering plan identification = unknown
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S4(’001’B, ’0000’B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R4_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER), P_GenNb_R_CLIP (’0000100’B, ’001’B, ’00’B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501201

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with an invalid Calling party number information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S_Invalid,−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP ('0000011'B, '11'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501202

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with an invalid Calling party number information element but with a valid Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S_Invalid, CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501203

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message without a Calling party number information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S1 (0,CREF,B_CHN)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP ('0000011'B, '11'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501204

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message without a Calling party number information element, but with a valid Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, −, CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501205

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element, when a failure of the screening function occurs,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1(’010’B, ’0001’B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’11’B, PXP_DEFAULT_NUMBER))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501206

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element and with a valid Calling party subaddress information element, when a failure of the screening function occurs,
sends an IAM message with the Calling party number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1('010'B, '0001'B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP ('0000011'B, '11'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501207_01

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501207/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = subscriber number
Numbering plan identification = ISDN/Telephony numbering
Number digits = correct complete subscriber number,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S6('100'B, '0001'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP ('0000011'B, '01'B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501207_02

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501207/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a
Calling party number information element coded
Type of number = subscriber number
Numbering plan identification = unknown
Number digits = correct complete subscriber number,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S6('100'B, '0000'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP ('0000011'B, '01'B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501208_01

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501208/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = subscriber number
Numbering plan identification = ISDN/Telephony numbering
Number digits = correct complete subscriber number
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter,
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S6('100'B, '0001'B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP ('0000011'B, '01'B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501208_02

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501208/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a
Calling party number information element coded
Type of number = subscriber number
Numbering plan identification = unknown
Number digits = correct complete subscriber number
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter,
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S6('100'B, '0000'B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP ('0000011'B, '01'B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501209_01

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501209/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = national number
Numbering plan identification = ISDN/Telephony numbering
Number digits = correct complete national number,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1('010'B, '0001'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP ('0000011'B, '01'B,PXP_NAT_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501209_02

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501209/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = national number
Numbering plan identification = unknown
Number digits = correct complete national number,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1(’010’B, ’0000’B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’01’B, PXP_NAT_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501210_01

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501210/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = national number
Numbering plan identification = ISDN/Telephony numbering
Number digits = correct complete national number
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter,
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1(’010’B, ’0001’B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’01’B, PXP_NAT_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501210_02

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501210/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a
Calling party number information element coded
Type of number = national number
Numbering plan identification = unknown
Number digits = correct complete national number
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter,
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1('010'B, '0000'B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP ('0000011'B, '01'B, PXP_NAT_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501211_01

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501211/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = international number
Numbering plan identification = ISDN/Telephony numbering
Number digits = correct complete international number,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S4(’001’B, ’0001’B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP (’0000100’B, ’01’B,PXP_INTERNAT_NUMBER_R ))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501211_02

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501211/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = international number
Numbering plan identification = unknown
Number digits = correct complete international number,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S4(’001’B, ’0000’B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP (’0000100’B, ’01’B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501212_01

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501212/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = international number,
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete international number
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed,
without the Generic number parameter,
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S4('001'B, '0001'B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP ('0000100'B, '01'B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501212_02

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501212/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = international number,
Numbering plan identification = unknown,
Number digits = correct complete international number
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed,
without the Generic number parameter,
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S4(’001’B, ’0000’B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP (’0000100’B, ’01’B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501213_01

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501213/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = unknown
Numbering plan identification = ISDN/Telephony numbering
Number digits = incomplete number,
sends an IAM message with the Calling party number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S5(’000’B, ’0001’B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’01’B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501213_02

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501213/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = unknown
Numbering plan identification = unknown
Number digits = incomplete number,
sends an IAM message with the Calling party number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S5(’000’B, ’0000’B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R1_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’01’B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501214_01

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501214/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = unknown
Numbering plan identification = ISDN/Telephony numbering
Number digits = incomplete number
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter,
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S5('000'B, '0001'B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP ('0000011'B, '01'B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC501214_02

**Group** : DSS1_ISUP/CLIP/No_Special_Arrangement/TC501214/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Calling party number information element coded
Type of number = unknown
Numbering plan identification = unknown
Number digits = incomplete number
and with a Calling party subaddress information element,
sends an IAM message with the Calling party number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter,
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S5(’000’B, ’0000’B), CGPS_S1)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R2_CLIP ( P_CgPN_R_CLIP (’0000011’B, ’01’B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502101

**Group** : DSS1_ISUP/CLIR/Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element, sends an IAM message with the Calling party number parameter and the Generic number parameter coded Address presentation restricted indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1 (’010’B, ’0001’B ),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R3_CLIP ( P_CgPN_R_CLIR (’01’B), P_GenNb_R_CLIR ( ’01’B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502102_01

**Group** : DSS1_ISUP/CLIR/Special_Arrangement/TC502102/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element coded Presentation indicator = presentation restricted, sends an IAM message with the Calling party number parameter and the Generic number parameter coded Address presentation restricted indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S2 ('01'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R3_CLIP ( P_CgPN_R_CLIR ('01'B), P_GenNb_R_CLIR ( '01'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502102_02

**Group** : DSS1_ISUP/CLIR/Special_Arrangement/TC502102/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element coded Presentation indicator = presentation allowed, sends an IAM message with the Calling party number parameter and the Generic number parameter coded Address presentation restricted indicator = presentation allowed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S2 ('00'B),-)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R3_CLIP ( P_CgPN_R_CLIR ('00'B), P_GenNb_R_CLIR ( '00'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502103

**Group** : DSS1_ISUP/CLIR/Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element not including the optional octet 3a (screening and presentation indicator),
sends an IAM message with the Calling party number parameter and the Generic number parameter coded
Address presentation restricted indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1 ('010'B, '0001'B),-)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R3_CLIP ( P_CgPN_R_CLIR ('01'B), P_GenNb_R_CLIR ( '01'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502104_01

**Group** : DSS1_ISUP/CLIR/Special_Arrangement/TC502104/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element coded Presentation indicator = presentation allowed, sends an IAM message with the Calling party number parameter and the Generic number parameter coded Address presentation restricted indicator = presentation allowed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S2 ('00'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R3_CLIP ( P_CgPN_R_CLIR ('00'B), P_GenNb_R_CLIR ( '00'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502104_02

**Group** : DSS1_ISUP/CLIR/Special_Arrangement/TC502104/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element coded Presentation indicator = presentation restricted, sends an IAM message with the Calling party number parameter and the Generic number parameter coded Address presentation restricted indicator = presesntation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S2 ('01'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R3_CLIP ( P_CgPN_R_CLIR ('01'B), P_GenNb_R_CLIR ( '01'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502105

**Group** : DSS1_ISUP/CLIR/Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element not including the optional octet 3a (screening and presentation indicator), sends an IAM message with the Calling party number parameter and the Generic number parameter coded Address presentation restricted indicator = presentation allowed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1 ('010'B, '0001'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R3_CLIP ( P_CgPN_R_CLIR ('00'B), P_GenNb_R_CLIR ( '00'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502201

**Group** : DSS1_ISUP/CLIR/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element,
sends an IAM message with the Calling party number parameter coded
Address presentation restricted indicator = presentation restricted
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1 ('010'B, '0001'B ),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R1_CLIP ( P_CgPN_R_CLIR ('01'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502202_01

**Group** : DSS1_ISUP/CLIR/No_Special_Arrangement/TC502202/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element coded Presentation indicator = presentation restricted,
sends an IAM message with the Calling party number parameter coded Address presentation restricted indicator = presentation restricted and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S2 ('01'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R1_CLIP ( P_CgPN_R_CLIR ('01'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502202_02

**Group** : DSS1_ISUP/CLIR/No_Special_Arrangement/TC502202/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element coded Presentation indicator = presentation allowed,
sends an IAM message with the Calling party number parameter coded Address presentation restricted indicator = presentation allowed and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S2 ('00'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R1_CLIP ( P_CgPN_R_CLIR ('00'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502203

**Group** : DSS1_ISUP/CLIR/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element not including the optional octet 3a (screening and presentation indicator),
sends an IAM message with the Calling party number parameter coded
Address presentation restricted indicator = presentation restricted
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1 ('010'B, '0001'B ),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R1_CLIP ( P_CgPN_R_CLIR ('01'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502204_01

**Group** : DSS1_ISUP/CLIR/No_Special_Arrangement/TC502204/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element coded Presentation indicator = presentation allowed,
sends an IAM message with the Calling party number parameter coded Address presentation restricted indicator = presentation allowed and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S2 ('00'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R1_CLIP ( P_CgPN_R_CLIR ('00'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502204_02

**Group** : DSS1_ISUP/CLIR/No_Special_Arrangement/TC502204/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element coded Presentation indicator = presentation restricted,
sends an IAM message with the Calling party number parameter coded Address presentation restricted indicator = presentation restricted and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S2 ('01'B),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R1_CLIP ( P_CgPN_R_CLIR ('01'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC502205

**Group** : DSS1_ISUP/CLIR/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a valid Calling party number information element not including the optional octet 3a (screening and presentation indicator),
sends an IAM message with the Calling party number parameter coded
Address presentation restricted indicator = presentation allowed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_CLIP (0,CREF,B_CHN, CGPN_S1 ('010'B, '0001'B ),−)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI ( P_IAM_R1_CLIP ( P_CgPN_R_CLIR ('00'B))) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (I) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503101_01

**Group** : DSS1_ISUP/COLP/Subscribed/TC503101/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verifed and passed
Address signals included
and without the Generic number parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( '00'B, '010'B, '01'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S1 ( '00'B, '0000011'B, '01'B),−,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503101_02

**Group** : DSS1_ISUP/COLP/Subscribed/TC503101/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and without the Generic number parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( '00'B, '010'B, '11'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S1 ( '00'B, '0000011'B, '11'B),−,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503101_03

**Group** : DSS1_ISUP/COLP/Subscribed/TC503101/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included
and without the Generic number parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R3 ( '00'B, '001'B, '01'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S2 ( '00'B, '0000100'B, '01'B),−,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503101_04

**Group** : DSS1_ISUP/COLP/Subscribed/TC503101/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and without the Generic number parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R3 ( '00'B, '001'B, '11'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S2 ( '00'B, '0000100'B, '11'B),−,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503102_01

**Group** : DSS1_ISUP/COLP/Subscribed/TC503102/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included,
without the Generic number parameter and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( '00'B, '010'B, '01'B ), CODS_R )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S1 ( '00'B, '0000011'B, '01'B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503102_02

**Group** : DSS1_ISUP/COLP/Subscribed/TC503102/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included,
without the Generic number parameter and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( ’00’B, ’010’B, ’11’B ), CODS_R )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’11’B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503102_03

**Group** : DSS1_ISUP/COLP/Subscribed/TC503102/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included,
without the Generic number parameter and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R3 ( ’00’B, ’001’B, ’01’B ), CODS_R )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S2 ( ’00’B, ’0000100’B, ’01’B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503102_04

**Group** : DSS1_ISUP/COLP/Subscribed/TC503102/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included,
without the Generic number parameter and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R3 ( ’00’B, ’001’B, ’11’B ), CODS_R )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S2 ( ’00’B, ’0000100’B, ’11’B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503103_01

**Group** : DSS1_ISUP/COLP/Subscribed/TC503103/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included
and without the Generic number parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( '00'B, '010'B, '01'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( '00'B, '0000011'B, '01'B),−,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503103_02

**Group** : DSS1_ISUP/COLP/Subscribed/TC503103/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and without the Generic number parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( ’00’B, ’010’B, ’11’B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’11’B),−,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503103_03

**Group** : DSS1_ISUP/COLP/Subscribed/TC503103/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included
and without the Generic number parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R3 ( '00'B, '001'B, '01'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S2 ( '00'B, '0000100'B, '01'B),−,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503103_04

**Group** : DSS1_ISUP/COLP/Subscribed/TC503103/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and without the Generic number parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R3 ( '00'B, '001'B, '11'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S2 ( '00'B, '0000100'B, '11'B),−,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503104_01

**Group** : DSS1_ISUP/COLP/Subscribed/TC503104/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included,
without the Generic number parameter and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( '00'B, '010'B, '01'B ), CODS_R )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( '00'B, '0000011'B, '01'B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503104_02

**Group** : DSS1_ISUP/COLP/Subscribed/TC503104/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included,
without the Generic number parameter and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( ’00’B, ’010’B, ’11’B ), CODS_R )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’11’B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503104_03

**Group** : DSS1_ISUP/COLP/Subscribed/TC503104/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included,
without the Generic number parameter and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R3 ( ’00’B, ’001’B, ’01’B ), CODS_R )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S2 ( ’00’B, ’0000100’B, ’01’B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503104_04

**Group** : DSS1_ISUP/COLP/Subscribed/TC503104/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included,
without the Generic number parameter and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( ’00’B, ’001’B, ’11’B ), CODS_R )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000100’B, ’11’B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503105_01

**Group** : DSS1_ISUP/COLP/Subscribed/TC503105/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
and with the Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not verified
Address signals included,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( ’00’B, ’010’B, ’00’B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’11’B), P_GenNb_S1 (’00’B, ’0000011’B, ’00’B, ’00000101’B),−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503105_02

**Group** : DSS1_ISUP/COLP/Subscribed/TC503105/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
and with the Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not verified
Address signals included,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R3 ( '00'B, '001'B, '00'B) ,− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S1 ( '00'B, '0000011'B, '11'B), P_GenNb_S2 ('00'B, '0000100'B, '00'B, '00000101'B),−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503106_01

**Group** : DSS1_ISUP/COLP/Subscribed/TC503106/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
and with the Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not verified
Address signals included
and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr ( CN_R_COLP (1, CREF, CODN_R1 (’00’B, ’010’B, ’00’B), CODS_R)) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’11’B), P_GenNb_S1 (’00’B, ’0000011’B, ’00’B, ’00000101’B), P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503106_02

**Group** : DSS1_ISUP/COLP/Subscribed/TC503106/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
and with the Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not verified
Address signals included
and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr ( CN_R_COLP (1, CREF, CODN_R3 (’00’B, ’001’B, ’00’B), CODS_R)) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’11’B), P_GenNb_S2 (’00’B, ’0000100’B, ’00’B, ’00000101’B), P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503107_01

**Group** : DSS1_ISUP/COLP/Subscribed/TC503107/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
and with the Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not verified
Address signals included,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( ’00’B, ’010’B, ’00’B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’11’B), P_GenNb_S1 (’00’B, ’0000011’B, ’00’B, ’00000101’B),−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503107_02

**Group** : DSS1_ISUP/COLP/Subscribed/TC503107/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
and with the Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not verified
Address signals included,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R3 ( '00'B, '001'B, '00'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( '00'B, '0000011'B, '11'B), P_GenNb_S2 ('00'B, '0000100'B, '00'B, '00000101'B),−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503108_01

**Group** : DSS1_ISUP/COLP/Subscribed/TC503108/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
and with the Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not verified
Address signals included
and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R1 ( '00'B, '010'B, '00'B ), CODS_R )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( '00'B, '0000011'B, '11'B), P_GenNb_S1 ('00'B, '0000011'B, '00'B, '00000101'B),P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503108_02

**Group** : DSS1_ISUP/COLP/Subscribed/TC503108/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation allowed
and with the Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not verified
Address signals included
and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included
and with the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R3 ( '00'B, '001'B, '00'B ), CODS_R )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( '00'B, '0000011'B, '11'B), P_GenNb_S2 ('00'B, '0000100'B, '00'B, '00000101'B), P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503109

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation restricted,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation restricted
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '01'B, '11'B ),- )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S1 ( '01'B, '0000011'B, '01'B),-,-)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503110

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = presentation restricted
and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation restricted
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included
and without the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '01'B, '11'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S1 ( '01'B, '0000011'B, '01'B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503111

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation restricted,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation restricted
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '01'B, '11'B ),- )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( '01'B, '0000011'B, '01'B),-,-)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503112

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = presentation restricted
and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = presentation restricted
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included
and without the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '01'B, '11'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S1 ( '01'B, '0000011'B, '01'B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503113

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = address not available,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '10'B, '11'B ),- )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S3 ( '10'B, '0000011'B, '11'B),-,-)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503114

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter coded
Address presentation restricted parameter = address not available
and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included
and without the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '10'B, '11'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL, P_ConNb_S3 ( '10'B, '0000011'B, '11'B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503115

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = address not available,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '10'B, '11'B ),- )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S3 ( '10'B, '0000011'B, '11'B),-,-)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503116

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter coded
Address presentation restricted parameter = address not available
and with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included
and without the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '10'B, '11'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL, P_ConNb_S3 ( '10'B, '0000011'B, '11'B),−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503117

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message without a Connected number parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '10'B, '11'B ),- )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S1 (CIC_VAL)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503118

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message without a Connected number parameter, but with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included
and without the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '10'B, '11'B ),− )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CON_S_COLP (CIC_VAL,−,−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503119

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message without a Connected number parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '10'B, '11'B ),- )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S (CIC_VAL)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503120

**Group** : DSS1_ISUP/COLP/Subscribed/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message without a Connected number parameter, but with the connected subaddress in the Access transport parameter,
sends a CONNECT message with the Connected number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included
and without the Connected subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(1, CREF, CODN_R2 ( '10'B, '11'B ),- )) | (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_COLP | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_ANM_S_COLP (CIC_VAL,−,−,P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503201

**Group** : DSS1_ISUP/COLP/Not_Subscribed/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter and without the Generic number parameter, sends a CONNECT message without the Connected number information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(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_S_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’01’B),−,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503202

**Group** : DSS1_ISUP/COLP/Not_Subscribed/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CON message with a Connected number parameter and with a Generic number parameter, sends a CONNECT message without the Connected number information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(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_S_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’01’B), P_GenNb_S2 (’00’B, ’0000100’B, ’00’B, ’00000101’B),P_ATP_S_COLP)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503203

**Group** : DSS1_ISUP/COLP/Not_Subscribed/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter and without the Generic number parameter, sends a CONNECT message without the Connected number information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(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_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’01’B),−,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC503204

**Group** : DSS1_ISUP/COLP/Not_Subscribed/

**Purpose** : Ensure that the SUT in state N4, on receipt of an ANM message with a Connected number parameter and with a Generic number parameter, sends a CONNECT message without the Connected number information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(CN_R_COLP(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_COLP (CIC_VAL, P_ConNb_S1 ( ’00’B, ’0000011’B, ’01’B), P_GenNb_S1 (’00’B, ’0000011’B, ’01’B, ’00000101’B),−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC504001

**Group** : DSS1_ISUP/SUB/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a SETUP message with a Called party subaddress information element, sends an IAM message with the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(SU_S_SUB(0,CREF,B_CHN) ) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | START TWAIT | | | |
| 19 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R_SUB(P_ATP_R2_SUB)) | (P) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |
| 22 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R_SUB(P_ATP_R1_SUB)) | (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

**Test Case Name** : TC506001

**Group** : DSS1_ISUP/CW/

**Purpose** : Ensure that the SUT in state N3, on receipt of an ACM message with the Backward call indicators parameter coded
Called party's status indicator = subscriber free
ISUP indicator = ISUP used all the way
ISDN indicator = terminating access is ISDN
and the Generic notification indicator parameter coded
Notification indicator = call is a waiting call,
sends an ALERTING message with the Notification indicator information element coded
Notification description = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(ALT_R_CW(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_CW(CIC_VAL,'01'B, '1'B,'1'B)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC506002

**Group** : DSS1_ISUP/CW/

**Purpose** : Ensure that the SUT in state N3, on receipt of a CPG message with the Event information parameter coded
Event indicator = ALERTING
and the Generic notification indicator parameter coded
Notification indicator = call is a waiting call,
sends an ALERTING message with the Notification indicator information element coded
Notification description = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N03_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(ALT_R_CW(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_CW(CIC_VAL,1,−)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC506003

**Group** : DSS1_ISUP/CW/

**Purpose** : Ensure that the SUT in state N4, on receipt of a CPG message with the Event information parameter coded
Event indicator = PROGRESS,
the Generic notification indicator parameter coded
Notification indicator = call is a waiting call
and with a Progress indicator information element in the Access transport parameter,
sends a PROGRESS message with the Notification indicator information element coded
Notification description = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(PG_R_CW(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_S_CW(CIC_VAL,2, P_ATP_RS_4('0010'B,2))) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC506004

**Group** : DSS1_ISUP/CW/

**Purpose** : Ensure that the SUT in state N4, on receipt of a CPG message with the Event information parameter coded
Event indicator = PROGRESS
and the Generic notification indicator parameter coded
Notification indicator = call is a waiting call,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(NO_R2(1, CREF,NOID_SR('E0'O))) | (P) | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_SR_1(0) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_SR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N04_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CPG_S_CW(CIC_VAL,2,−)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC507101

**Group** : DSS1_ISUP/HOLD/From_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote hold,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = Remote hold.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(NO_R2(1, CREF, NOID_SR('F9'O))) | (P) | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_SR_1(0) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_SR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('F9'O))) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC507102

**Group** : DSS1_ISUP/HOLD/From_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote retrieval,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = Remote retrieval.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(NO_R2(1, CREF, NOID_SR('FA'O))) | (P) | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_SR_1(0) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_SR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('F9'O))) | | |
| 20 | | L2!P_PDUs | TrR(P_CPG_S_NOT (CIC_VAL,P_GenNot_RS('FA'O))) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC507201

**Group** : DSS1_ISUP/HOLD/S_T/

**Purpose** : Ensure that the SUT in state N4, on receipt of a HOLD message,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote hold
and the Event information parameter coded
Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N04_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(HL_S1(0, CREF)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(HA_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | (I) | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N04_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | START TWAIT | | | |
| 20 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT(CIC_VAL,P_Gen Not_RS('F9'O))) | (P) | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | +PO_SR_2 | | | |
| 23 | | ?TIMEOUT TWAIT | | (F) | no response |
| 24 | | +PTC2_SYNC | | | |
| 25 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC507202

**Group** : DSS1_ISUP/HOLD/S_T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a HOLD message,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote hold
and the Event information parameter coded
Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs START TAC | Ms(HL_S1(0, CREF)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr(HA_R1(1,CREF)) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| 13 | | ?TIMEOUT TAC | | (I) | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | START TWAIT | | | |
| 20 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT(CIC_VAL,P_Gen Not_RS('F9'O))) | (P) | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | +PO_SR_2 | | | |
| 23 | | ?TIMEOUT TWAIT | | (F) | no response |
| 24 | | +PTC2_SYNC | | | |
| 25 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC507203

**Group** : DSS1_ISUP/HOLD/S_T/

**Purpose** : Ensure that the SUT in state N4, on receipt of a RETRIEVE message,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote retrieval
and the Event information parameter coded
Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | + MTC_SYNC | | | |
| 6 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 7 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 8 | | +PR_N04_1 | | | |
| 9 | | +PTC1_SYNC_0 | | | |
| 10 | | L1!PDUs START TAC | Ms(HL_S1(0, CREF)) | | |
| 11 | | L1?PDUr CANCEL TAC | Mr(HA_R1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_0 | | | |
| 13 | | L1!PDUs START TAC | Ms(RT_S1(0, CREF)) | | |
| 14 | | L1?PDUr CANCEL TAC | Mr(RTA_R1(1,CREF)) | | |
| 15 | | +PTC1_SYNC_0 | | | |
| 16 | | + PO_RR_1(0) | | | |
| 17 | | ?TIMEOUT TAC | | (I) | |
| 18 | | +PTC1_SYNC_0 | | | |
| 19 | | + PO_RR_1(0) | | | |
| 20 | | ?TIMEOUT TAC | | (I) | |
| 21 | | +PTC1_SYNC_0 | | | |
| 22 | | +PTC1_SYNC_0 | | | |
| 23 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 24 | | ACTIVATE(OtherwiseFail_2) | | | |
| 25 | | +PR_N04_2 | | | |
| 26 | | +PTC2_SYNC | | | |
| 27 | | START TWAIT | | | |
| 28 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT(CIC_VAL,P_GenNot_RS('F9'O))) | | |
| 29 | | +PTC2_SYNC | | | |
| 30 | | START TWAIT | | | |
| 31 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT(CIC_VAL,P_GenNot_RS('FA'O))) | (P) | |
| 32 | | +PTC2_SYNC | | | |
| 33 | | +PO_SR_2 | | | |
| 34 | | ?TIMEOUT TWAIT | | (F) | no response |
| 35 | | +PTC2_SYNC | | | |
| 36 | | +PO_SR_2 | | | |
| 37 | | ?TIMEOUT TWAIT | | (F) | no response |
| 38 | | +PTC2_SYNC | | | |
| 39 | | +PTC2_SYNC | | | |
| 40 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC507204

**Group** : DSS1_ISUP/HOLD/S_T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a RETRIEVE message,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote retrieval
and the Event information parameter coded
Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | + MTC_SYNC | | | |
| 6 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 7 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 8 | | +PR_N10_1 | | | |
| 9 | | +PTC1_SYNC_0 | | | |
| 10 | | L1!PDUs START TAC | Ms(HL_S1(0, CREF)) | | |
| 11 | | L1?PDUr CANCEL TAC | Mr(HA_R1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_0 | | | |
| 13 | | L1!PDUs START TAC | Ms(RT_S1(0, CREF)) | | |
| 14 | | L1?PDUr CANCEL TAC | Mr(RTA_R1(1,CREF)) | | |
| 15 | | +PTC1_SYNC_0 | | | |
| 16 | | + PO_RR_1(0) | | | |
| 17 | | ?TIMEOUT TAC | | (I) | |
| 18 | | +PTC1_SYNC_0 | | | |
| 19 | | + PO_RR_1(0) | | | |
| 20 | | ?TIMEOUT TAC | | (I) | |
| 21 | | +PTC1_SYNC_0 | | | |
| 22 | | +PTC1_SYNC_0 | | | |
| 23 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 24 | | ACTIVATE(OtherwiseFail_2) | | | |
| 25 | | +PR_N10_2 | | | |
| 26 | | +PTC2_SYNC | | | |
| 27 | | START TWAIT | | | |
| 28 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT(CIC_VAL,P_GenNot_RS('F9'O))) | | |
| 29 | | +PTC2_SYNC | | | |
| 30 | | START TWAIT | | | |
| 31 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT(CIC_VAL,P_GenNot_RS('FA'O))) | (P) | |
| 32 | | +PTC2_SYNC | | | |
| 33 | | +PO_SR_2 | | | |
| 34 | | ?TIMEOUT TWAIT | | (F) | no response |
| 35 | | +PTC2_SYNC | | | |
| 36 | | +PO_SR_2 | | | |
| 37 | | ?TIMEOUT TWAIT | | (F) | no response |
| 38 | | +PTC2_SYNC | | | |
| 39 | | +PTC2_SYNC | | | |
| 40 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC507301

**Group** : DSS1_ISUP/HOLD/T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = Remote hold,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote hold
and the Event information parameter coded
Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs | Ms( NO_S1 (0, CREF, NOID_SR('F9'O))) | | |
| 10 | | +PTC1_SYNC_0 | | | |
| 11 | | + PO_SR_1(0) | | | |
| | | PTC2_IN | | | |
| 12 | | ACTIVATE(OtherwiseFail_2) | | | |
| 13 | | +PR_N10_2 | | | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | START TWAIT | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O ))) | (P) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | + PO_RR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC507302

**Group** : DSS1_ISUP/HOLD/T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = Remote retrieval,
sends a CPG message with the Generic notification indicator parameter coded Notification indicator = Remote retrieval
and the Event information parameter coded Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs | Ms( NO_S1 (0, CREF, NOID_SR('F9'O))) | | |
| 10 | | L1!PDUs | Ms( NO_S1 (0, CREF, NOID_SR('FA'O))) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_SR_1(0) | | | |
| | | PTC2_IN | | | |
| 13 | | ACTIVATE(OtherwiseFail_2) | | | |
| 14 | | +PR_N10_2 | | | |
| 15 | | +PTC2_SYNC | | | |
| 16 | | START TWAIT | | | |
| 17 | | L2?P_PDUr | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O ))) | (P) | |
| 18 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('FA'O ))) | (P) | |
| 19 | | +PTC2_SYNC | | | |
| 20 | | + PO_RR_2 | | | |
| 21 | | ?TIMEOUT TWAIT | | (I) | |
| 22 | | +PTC2_SYNC | | | |
| 23 | | + PO_RR_2 | | | |
| 24 | | ?TIMEOUT TWAIT | | (I) | |
| 25 | | +PTC2_SYNC | | | |
| 26 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC508101

**Group** : DSS1_ISUP/TP/From_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a SUS message with the Suspend/resume indicators parameter coded
Suspend resume indicator = ISDN subscriber initiated,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = user suspended.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(NO_R2(1, CREF, NOID_SR('80'O))) | (P) | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_SR_1(0) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_SR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_SUS_S (CIC_VAL,'0'B)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC508102

**Group** : DSS1_ISUP/TP/From_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a RES message with the Suspend/resume indicators parameter coded
Suspend resume indicator = ISDN subscriber initiated,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = user resumed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(NO_R2(1, CREF, NOID_SR('81'O))) | (P) | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_SR_1(0) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_SR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_SUS_S (CIC_VAL,'0'B)) | | |
| 20 | | L2!P_PDUs | TrR(P_RES_S (CIC_VAL,'0'B)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC508103

**Group** : DSS1_ISUP/TP/From_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = user suspended,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = user suspended.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(NO_R2(1, CREF, NOID_SR('80'O))) | (P) | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_SR_1(0) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_SR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CPG_S_NOT(CIC_VAL, P_GenNot_RS ('80'O) )) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC508104

**Group** : DSS1_ISUP/TP/From_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = user resumed,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = user resumed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr(NO_R2(1, CREF, NOID_SR('81'O))) | (P) | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_SR_1(0) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_SR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CPG_S_NOT(CIC_VAL, P_GenNot_RS ('80'O) )) | | |
| 20 | | L2!P_PDUs | TrR(P_CPG_S_NOT(CIC_VAL, P_GenNot_RS ('81'O) )) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC508201

**Group** : DSS1_ISUP/TP/S_T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a SUSPEND message, sends a SUS message with the Suspend/resume indicators parameter coded Suspend resume indicator = ISDN subscriber initiated,.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | (CallID := CallID + 1) | | | |
| 10 | | L1!PDUs START TAC | Ms(SP_S (0, CREF, CallID)) | | |
| 11 | | L1?PDUr CANCEL TAC | Mr( SPA_R (1, CREF) ) | | |
| 12 | | +PTC1_SYNC_0 | | | |
| 13 | | ?TIMEOUT TAC | | (I) | |
| 14 | | +PTC1_SYNC_0 | | | |
| 15 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | START TWAIT | | | |
| 20 | | L2?P_PDUr CANCEL TWAIT | TrI(P_SUS_R (CIC_VAL, ’0’B )) | (P) | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TWAIT | | (I) | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC508202

**Group** : DSS1_ISUP/TP/S_T/

**Purpose** : Ensure that the SUT in state N0, on receipt of a RESUME message, sends a RES message with the Suspend/resume indicators parameter coded Suspend resume indicator = ISDN subscriber initiated,.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | + MTC_SYNC | | | |
| 6 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 7 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 8 | | +PR_N10_1 | | | |
| 9 | | +PTC1_SYNC_0 | | | |
| 10 | | (CallID := CallID + 1) | | | |
| 11 | | L1!PDUs START TAC | Ms(SP_S (0, CREF,CallID)) | | |
| 12 | | L1?PDUr CANCEL TAC | Mr( SPA_R (1, CREF) ) | | |
| 13 | | +PTC1_SYNC_0 | | | |
| 14 | | L1!PDUs START TAC | Ms(RES_S(0, CREF,CallID) ) | | |
| 15 | | L1?PDUr CANCEL TAC | Mr( RESA_R (1, CREF) ) | | |
| 16 | | +PTC1_SYNC_0 | | | |
| 17 | | + PO_SR_1(0) | | | |
| 18 | | ?TIMEOUT TAC | | (I) | |
| 19 | | +PTC1_SYNC_0 | | | |
| 20 | | + PO_RR_1(0) | | | |
| 21 | | ?TIMEOUT TAC | | (I) | |
| 22 | | +PTC1_SYNC_0 | | | |
| 23 | | +PTC1_SYNC_0 | | | |
| 24 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 25 | | ACTIVATE(OtherwiseFail_2) | | | |
| 26 | | +PR_N10_2 | | | |
| 27 | | +PTC2_SYNC | | | |
| 28 | | START TWAIT | | | |
| 29 | | L2?P_PDUr CANCEL TWAIT | TrI(P_SUS_R (CIC_VAL, ’0’B )) | (P) | |
| 30 | | +PTC2_SYNC | | | |
| 31 | | START TWAIT | | | |
| 32 | | L2?P_PDUr CANCEL TWAIT | TrI(P_RES_R (CIC_VAL, ’0’B )) | (P) | |
| 33 | | +PTC2_SYNC | | | |
| 34 | | + PO_RR_2 | | | |
| 35 | | ?TIMEOUT TWAIT | | (I) | |
| 36 | | +PTC2_SYNC | | | |
| 37 | | + PO_SR_2 | | | |
| 38 | | ?TIMEOUT TWAIT | | (I) | |
| 39 | | +PTC2_SYNC | | | |
| 40 | | +PTC2_SYNC | | | |
| 41 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC508301

**Group** : DSS1_ISUP/TP/T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = user suspended,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = user suspended
and the Event information parameter coded
Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs | Ms( NO_S1 (0, CREF, NOID_SR('80'O))) | | |
| 10 | | +PTC1_SYNC_0 | | | |
| 11 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 12 | | ACTIVATE(OtherwiseFail_2) | | | |
| 13 | | +PR_N10_2 | | | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | START TWAIT | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('80'O ))) | (P) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | + PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC508302

**Group** : DSS1_ISUP/TP/T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = user resumed,
sends a CPG message with the Generic notification indicator parameter coded Notification indicator = user resumed
and the Event information parameter coded Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_OUT_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(0)) | | | |
| 7 | | +PR_N10_1 | | | |
| 8 | | +PTC1_SYNC_0 | | | |
| 9 | | L1!PDUs | Ms( NO_S1 (0, CREF, NOID_SR('80'O))) | | |
| 10 | | L1!PDUs | Ms( NO_S1 (0, CREF, NOID_SR('81'O))) | | |
| 11 | | +PTC1_SYNC_0 | | | |
| 12 | | + PO_RR_1(0) | | | |
| | | PTC2_IN | | | |
| 13 | | ACTIVATE(OtherwiseFail_2) | | | |
| 14 | | +PR_N10_2 | | | |
| 15 | | +PTC2_SYNC | | | |
| 16 | | START TWAIT | | | |
| 17 | | L2?P_PDUr | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('80'O ))) | (P) | |
| 18 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('81'O ))) | (P) | |
| 19 | | +PTC2_SYNC | | | |
| 20 | | + PO_SR_2 | | | |
| 21 | | ?TIMEOUT TWAIT | | (I) | |
| 22 | | +PTC2_SYNC | | | |
| 23 | | + PO_SR_2 | | | |
| 24 | | ?TIMEOUT TWAIT | | (I) | |
| 25 | | +PTC2_SYNC | | | |
| 26 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601101_01

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601101/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included
and without the Generic number parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '010'B, '01'B, PX_NAT_NUMBER_R ),-,-)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '01'B),-,-)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601101_02

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601101/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and without the Generic number parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '010'B, '11'B, PX_NAT_NUMBER_R ),−,−)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B),−,−)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601101_03

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601101/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included
and without the Generic number parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '001'B, '01'B, PX_INTERNAT_NUMBER_R ),−,−)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S2 ('00'B, '0000100'B, '01'B),−,−)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601101_04

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601101/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and without the Generic number parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '001'B, '11'B, PX_INTERNAT_NUMBER_R ),-,-)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S2 ('00'B, '0000100'B, '11'B),-,-)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601102_01

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601102/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included,
without the Generic number parameter and with the calling party subaddress in the Access transport parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included
and with the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '010'B, '01'B, PX_NAT_NUMBER_R ),−, CGPS_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_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '01'B),−,P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601102_02

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601102/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included,
without the Generic number parameter and with the calling party subaddress in the Access transport parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included
and with the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '010'B, '11'B, PX_NAT_NUMBER_R ),−, CGPS_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_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B),−,P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601102_03

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601102/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Address signals included,
without the Generic number parameter and with the calling party subaddress in the Access transport parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided verified and passed
Number digits included
and with the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '001'B, '01'B, PX_INTERNAT_NUMBER_R ),−, CGPS_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_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S2 ('00'B, '0000100'B, '01'B),−,P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601102_04

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601102/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included,
without the Generic number parameter and with the calling party subaddress in the Access transport parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included
and with the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '001'B, '11'B, PX_INTERNAT_NUMBER_R ), −, CGPS_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_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S2 ('00'B, '0000100'B, '11'B),−,P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601103_01

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601103/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and with a Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Address signals included,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '010'B, '00'B, PX_NAT_NUMBER_R ),−,−)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B), P_GenNb_S1 ('00'B, '0000011'B, '00'B, '00000110'B),−)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601103_02

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601103/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and with a Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Address signals included,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '001'B, '00'B, PX_INTERNAT_NUMBER_R ),-,-)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B), P_GenNb_S2 ('00'B, '0000100'B, '00'B, '00000110'B),-)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601104_01

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601104/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and with a Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Address signals included
and with the calling party subaddress in the Access transport parameter,
sends a SETUP message with the Calling party number information element
coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included
and with the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '010'B, '00'B, PX_NAT_NUMBER_R ), −,CGPS_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_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B), P_GenNb_S1 ('00'B, '0000011'B, '00'B, '00000110'B),P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601104_02

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601104/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and with a Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Address signals included
and with the calling party subaddress in the Access transport parameter,
sends a SETUP message with the Calling party number information element
coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included
and with the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '001'B, '00'B, PX_INTERNAT_NUMBER_R ),−, CGPS_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_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B), P_GenNb_S2 ('00'B, '0000100'B, '00'B, '00000110'B),P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601105_01

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601105/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and with a Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Address signals included,
sends a SETUP message with the first Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included
and the second Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '010'B, '00'B, PX_NAT_NUMBER_R ), CGPN_R1a ('00'B, '010'B, '11'B, PX_NAT_NUMBER_R ),−)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B), P_GenNb_S1 ('00'B, '0000011'B, '00'B, '00000110'B),−)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601105_02

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601105/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and with a Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Address signals included,
sends a SETUP message with the first Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included
and the second Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '001'B, '00'B, PX_INTERNAT_NUMBER_R ), CGPN_R1a ('00'B, '010'B, '11'B, PX_NAT_NUMBER_R ),−)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B), P_GenNb_S2 ('00'B, '0000100'B, '00'B, '00000110'B),−)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601106_01

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601106/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and with a Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Address signals included
and with the calling party subaddress in the Access transport parameter,
sends a SETUP message with the first Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included,
the second Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included
and with the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '010'B, '00'B, PX_NAT_NUMBER_R ), CGPN_R1a ('00'B, '010'B, '11'B, PX_NAT_NUMBER_R ), CGPS_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_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B), P_GenNb_S1 ('00'B, '0000011'B, '00'B, '00000110'B),P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |

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| Test Case Dynamic Behaviour | | | | | |
|---|---|---|---|---|---|
| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
| 25 | | + P0_SR_2 | | | |
| **Detailed Comments :** | | | | | |

## Test Case Dynamic Behaviour

**Test Case Name** : TC601106_02

**Group** : ISUP_DSS1/CLIP/Subscribed/TC601106/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a
Calling party number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = national number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = network provided
Address signals included
and with a Generic number parameter coded
Address presentation restricted parameter = presentation allowed
Nature of address indicator = international number
Numbering plan indicator = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Address signals included
and with the calling party subaddress in the Access transport parameter,
sends a SETUP message with the first Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = international number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = user provided, not screened
Number digits included,
the second Calling party number information element coded
Presentation indicator = presentation allowed
Type of number = national number or unknown
Numbering plan identification = ISDN/Telephony numbering plan
Screening indicator = network provided
Number digits included
and with the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R1 ('00'B, '001'B, '00'B, PX_INTERNAT_NUMBER_R ), CGPN_R1a ('00'B, '010'B, '11'B, PX_NAT_NUMBER_R ), CGPS_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_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B), P_GenNb_S2 ('00'B, '0000100'B, '00'B, '00000110'B),P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |

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Test Case Dynamic Behaviour

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 25 | | + PO_SR_2 | | | |

**Detailed Comments :**

Test Case Dynamic Behaviour

**Test Case Name** : TC601107

**Group** : ISUP_DSS1/CLIP/Subscribed/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = presentation restricted
and without a Generic number parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation restricted
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R2 ('01'B, '000'B, '0000'B, '11'B ),−,−)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('01'B, '0000011'B, '01'B),−,−)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments :**

## Test Case Dynamic Behaviour

**Test Case Name** : TC601108

**Group** : ISUP_DSS1/CLIP/Subscribed/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = presentation restricted,
without a Generic number parameter and with the calling party subaddress in the Access transport parameter
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation restricted
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included
and without the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R2 ('01'B, '000'B, '0000'B, '11'B ),-,-)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('01'B, '0000011'B, '01'B),-,P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601109

**Group** : ISUP_DSS1/CLIP/Subscribed/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = presentation restricted
and with a Generic number parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation restricted
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R2 ('01'B, '000'B, '0000'B, '11'B ),−,−)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('01'B, '0000011'B, '11'B), P_GenNb_S1 ('00'B, '0000011'B, '01'B, '00000110'B),−)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601110

**Group** : ISUP_DSS1/CLIP/Subscribed/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = presentation restricted,
with a Generic number parameter and with the calling party subaddress in the Access transport parameter
sends a SETUP message with the Calling party number information element coded
Presentation indicator = presentation restricted
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included
and without the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R2 ('01'B, '000'B, '0000'B, '11'B ),-,-)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('01'B, '0000011'B, '11'B), P_GenNb_S1 ('00'B, '0000011'B, '01'B, '00000110'B),P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601111

**Group** : ISUP_DSS1/CLIP/Subscribed/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = address not available,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R2 ('10'B, '000'B, '0000'B, '11'B ),-,-)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S3 ('10'B, '0000011'B, '11'B),-,-)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601112

**Group** : ISUP_DSS1/CLIP/Subscribed/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter coded
Address presentation restricted parameter = address not available
and with the calling party subaddress in the Access transport parameter
sends a SETUP message with the Calling party number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included
and without the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R2 ('10'B, '000'B, '0000'B, '11'B ),-,-)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S3 ('10'B, '0000011'B, '11'B),-,P_ATP_S_CLIP)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601113

**Group** : ISUP_DSS1/CLIP/Subscribed/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message without the Calling party number parameter,
sends a SETUP message with the Calling party number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R2 ('10'B, '000'B, '0000'B, '11'B ),−,−)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP(−,−,−)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601114

**Group** : ISUP_DSS1/CLIP/Subscribed/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message without the Calling party number parameter but with the calling party subaddress in the Access transport parameter
sends a SETUP message with the Calling party number information element coded
Presentation indicator = number not available due to interworking
Type of number = unknown
Numbering plan identification = unknown
Screening indicator = network provided
Number digits not included
and without the Calling party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (CGPN_R2 ('10'B, '000'B, '0000'B, '11'B ),−,−)) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP(−,−,P_ATP_S_CLIP )) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601201

**Group** : ISUP_DSS1/CLIP/Not_Subscribed/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter and without the Generic number parameter, sends a SETUP message without the Calling party number information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP (-,-,-) ) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '01'B),-,-)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC601202

**Group** : ISUP_DSS1/CLIP/Not_Subscribed/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of a IAM message with a Calling party number parameter and with a Generic number parameter, sends a SETUP message without the Calling party number information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_CLIP(−,−,− )) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_CLIP (P_CgPN_S1 ('00'B, '0000011'B, '11'B), P_GenNb_S2 ('00'B, '0000011'B, '00'B, '00000110'B),−)) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602101

**Group** : ISUP_DSS1/COLP/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with an invalid Connected number information element, sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S_INVALID,−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602102

**Group** : ISUP_DSS1/COLP/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with an invalid Connected number information element but with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S_INVALID, CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602103

**Group** : ISUP_DSS1/COLP/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with an invalid Connected number information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S_INVALID,−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602104

**Group** : ISUP_DSS1/COLP/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with an invalid Connected number information element but with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S_INVALID,CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602105

**Group** : ISUP_DSS1/COLP/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message without the Connected number information element, sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF,−,−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602106

**Group** : ISUP_DSS1/COLP/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message without the Connected number information element but with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, −,CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602107

**Group** : ISUP_DSS1/COLP/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message without the Connected number information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, −,−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602108

**Group** : ISUP_DSS1/COLP/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message without the Connected number information element but with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, −,CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602109_01

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602109/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = ISDN/telephony numbering plan,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000011'B, '00'B, '??'B,PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000011'B, '00'B, '??'B,PXP_NAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602109_02

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602109/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = unknown,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0000’B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP (’0000011’B, ’00’B, ’??’B,PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP (’0000011’B, ’00’B, ’??’B,PXP_NAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602110_01

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602110/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = ISDN/telephony numbering plan,
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R4_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000011'B, '00'B, '??'B,PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R4_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000011'B, '00'B, '??'B,PXP_NAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602110_02

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602110/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = unknown,
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0000'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R4_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000011'B, '00'B , '??'B,PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R4_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000011'B, '00'B , '??'B,PXP_NAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602111_01

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602111/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = ISDN/telephony numbering plan,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000011'B, '00'B, '??'B,PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602111_02

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602111/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = unknown,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0000’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP (’0000011’B, ’00’B, ’??’B,PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602112_01

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602112/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = ISDN/telephony numbering plan,
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R4_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000011'B, '00'B, '??'B ,PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602112_02

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602112/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = unknown,
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0000’B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R4_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP (’0000011’B, ’00’B, ’??’B ,PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602113_01

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602113/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = ISDN/telephony numbering plan,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3('001'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R1('0000011'B,'11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000100'B, '00'B, '??'B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R1('0000011'B,'11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000100'B, '00'B, '??'B,PXP_INTERNAT_NUMBER_R)) ) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602113_02

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602113/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = unknown,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3(’001’B, ’0000’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP (’0000100’B, ’00’B, ’??’B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP (’0000100’B, ’00’B, ’??’B,PXP_INTERNAT_NUMBER_R)) ) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602114_01

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602114/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = ISDN/telephony numbering plan,
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3('001'B, '0001'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R4_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000100'B, '00'B, '??'B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R4_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000100'B, '00'B, '??'B,PXP_INTERNAT_NUMBER_R)) ) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602114_02

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602114/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = unknown,
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3('001'B, '0000'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R4_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000100'B, '00'B, '??'B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R4_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000100'B, '00'B, '??'B,PXP_INTERNAT_NUMBER_R)) ) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602115_01

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602115/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = ISDN/telephony numbering plan,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3(’001’B, ’0001’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP (’0000100’B, ’00’B, ’??’B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602115_02

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602115/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = unknown,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3(’001’B, ’0000’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP (’0000100’B, ’00’B, ’??’B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602116_01

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602116/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = ISDN/telephony numbering plan,
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3(’001’B, ’0001’B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R4_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP (’0000100’B, ’00’B, ’??’B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602116_02

**Group** : ISUP_DSS1/COLP/Special_Arrangement/TC602116/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = unknown,
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
with the Generic number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, not screened
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3('001'B, '0000'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R4_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER), P_GenNb_R_COLP ('0000100'B, '00'B, '??'B,PXP_INTERNAT_NUMBER_R)) ) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602201

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with an invalid Connected number information element, sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S_INVALID,−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602202

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with an invalid Connected number information element but with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S_INVALID, CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602203

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with an invalid Connected number information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S_INVALID,−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602204

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with an invalid Connected number information element but with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S_INVALID,CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602205

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message without the Connected number information element, sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, −,−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602206

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message without the Connected number information element but with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, −, CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602207

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message without the Connected number information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, −,−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602208

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message without the Connected number information element but with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, −,CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602209

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element, when a failure of the screening function occurs,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602210

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element, when a failure of the screening function occurs and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0001’B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’11’B, ’??’B, PXP_DEFAULT_NUMBER))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602211

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a Connected number information element, when a failure of the screening function occurs,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602212

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a Connected number information element, when a failure of the screening function occurs and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = default number
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = network provided,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '11'B, '??'B, PXP_DEFAULT_NUMBER))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602213_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602213/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = subscriber number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete subscriber number,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S5('100'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_SUBSCR_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602213_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602213/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = subscriber number
Numbering plan identification = unknown
Number digits = correct complete subscriber number,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S5('100'B, '0000'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_SUBSCR_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602214_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602214/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = subscriber number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete subscriber number
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S5('100'B, '0001'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_SUBSCR_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602214_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602214/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = subscriber number
Numbering plan identification = unknown
Number digits = correct complete subscriber number
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S5(’100’B, ’0000’B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’01’B, ’??’B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’01’B, ’??’B, PXP_SUBSCR_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602215_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602215/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = subscriber number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete subscriber number,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S5('100'B, '0001'B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602215_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602215/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = subscriber number
Numbering plan identification = unknown
Number digits = correct complete subscriber number,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S5('100'B, '0000'B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602216_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602216/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = subscriber number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete subscriber number
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S5('100'B, '0001'B),CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602216_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602216/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = subscriber number
Numbering plan identification = unknown
Number digits = correct complete subscriber number
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S5(’100’B, ’0000’B),CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’01’B, ’??’B, PXP_SUBSCR_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602217_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602217/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete national number,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_NAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602217_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602217/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = unknown
Number digits = correct complete national number,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0000'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_NAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602218_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602218/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete national number
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_NAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602218_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602218/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = unknown
Number digits = correct complete national number
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0000'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_NAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602219_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602219/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete national number,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602219_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602219/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = unknown
Number digits = correct complete national number,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0000’B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’01’B, ’??’B, PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602220_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602220/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete national number
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B),CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602220_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602220/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = national number
Numbering plan identification = unknown
Number digits = correct complete national number
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0000’B),CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’01’B, ’??’B, PXP_NAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602221_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602221/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete international number,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3('001'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '01'B, '??'B, PXP_INTERNAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '01'B, '??'B, PXP_INTERNAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602221_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602221/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = unknown
Number digits = correct complete international number,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3('001'B, '0000'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '01'B, '??'B, PXP_INTERNAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '01'B, '??'B, PXP_INTERNAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602222_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602222/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete international number
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3('001'B, '0001'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '01'B, '??'B, PXP_INTERNAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '01'B, '??'B, PXP_INTERNAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602222_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602222/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = unknown
Number digits = correct complete international number
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3(’001’B, ’0000’B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1(’0000100’B, ’01’B, ’??’B, PXP_INTERNAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1(’0000100’B, ’01’B, ’??’B, PXP_INTERNAT_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602223_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602223/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete international number,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3(’001’B, ’0001’B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1(’0000100’B, ’01’B, ’??’B, PXP_INTERNAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602223_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602223/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = unknown
Number digits = correct complete international number,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3(’001’B, ’0000’B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1(’0000100’B, ’01’B, ’??’B, PXP_INTERNAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602224_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602224/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = ISDN/Telephony numbering,
Number digits = correct complete international number
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3('001'B, '0001'B),CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '01'B, '??'B, PXP_INTERNAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602224_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602224/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = international number
Numbering plan identification = unknown
Number digits = correct complete international number
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = international number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S3('001'B, '0000'B),CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000100'B, '01'B, '??'B, PXP_INTERNAT_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602225_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602225/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = unknown
Numbering plan identification = ISDN/Telephony numbering,
Number digits = incomplete number,
sends a CON message with the Connected number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S4('000'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_INCOMP_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602225_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602225/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = unknown
Numbering plan identification = unknown
Number digits = incomplete number,
sends a CON message with the Connected number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S4(’000’B, ’0000’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’01’B, ’??’B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’01’B, ’??’B, PXP_INCOMP_NUMBER_R))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC602226_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602226/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = unknown
Numbering plan identification = ISDN/Telephony numbering,
Number digits = incomplete number
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S4('000'B, '0001'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602226_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602226/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with the Connected number information element coded
Type of number = unknown
Numbering plan identification = unknown
Number digits = incomplete number
and with a valid Connected subaddress information element,
sends a CON message with the Connected number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S4('000'B, '0000'B), CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602227_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602227/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = unknown
Numbering plan identification = ISDN/Telephony numbering,
Number digits = incomplete number,
sends an ANM message with the Connected number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S4('000'B, '0001'B),-)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602227_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602227/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = unknown
Numbering plan identification = unknown
Number digits = incomplete number,
sends an ANM message with the Connected number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S4(’000’B, ’0000’B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’01’B, ’??’B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602228_01

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602228/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = unknown
Numbering plan identification = ISDN/Telephony numbering,
Number digits = incomplete number
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S4('000'B, '0001'B),CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1('0000011'B, '01'B, '??'B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC602228_02

**Group** : ISUP_DSS1/COLP/No_Special_Arrangement/TC602228/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with the Connected number information element coded
Type of number = unknown
Numbering plan identification = unknown
Number digits = incomplete number
and with a valid Connected subaddress information element,
sends an ANM message with the Connected number parameter coded
Address signals = completion of the number provided by the user
Numbering plan indicator = ISDN numbering plan
Nature of address indicator = national number
Screening indicator = user provided, verified and passed,
without the Generic number parameter
and including the subaddress information in the Access transport parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S4(’000’B, ’0000’B),CODS_S)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R2_COLP (CIC_VAL, P_ConNb_R1(’0000011’B, ’01’B, ’??’B, PXP_INCOMP_NUMBER_R))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603101

**Group** : ISUP_DSS1/COLR/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element, sends a CON message with the Connected number parameter and the Generic number parameter coded
Address presentation restriction indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0001’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B), P_GenNb_R_COLR ( ’01’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B), P_GenNb_R_COLR ( ’01’B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603102

**Group** : ISUP_DSS1/COLR/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element,
sends an ANM message with the Connected number parameter and the Generic number parameter coded
Address presentation restriction indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0001’B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B), P_GenNb_R_COLR ( ’01’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603103_01

**Group** : ISUP_DSS1/COLR/Special_Arrangement/TC603103/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation restricted,
sends a CON message with the Connected number parameter and the Generic number parameter coded
Address presentation restriction indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2('010'B, '0001'B,'01'B, '00'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R_COLR('01'B), P_GenNb_R_COLR ( '01'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR('01'B), P_GenNb_R_COLR ( '01'B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603103_02

**Group** : ISUP_DSS1/COLR/Special_Arrangement/TC603103/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation allowed,
sends a CON message with the Connected number parameter and the Generic number parameter coded
Address presentation restriction indicator = presentation allowed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2(’010’B, ’0001’B,’00’B, ’00’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’00’B), P_GenNb_R_COLR ( ’00’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’00’B), P_GenNb_R_COLR ( ’00’B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603104_01

**Group** : ISUP_DSS1/COLR/Special_Arrangement/TC603104/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation restricted, sends an ANM message with the Connected number parameter and the Generic number parameter coded Address presentation restriction indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2('010'B, '0001'B,'01'B, '00'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR('01'B), P_GenNb_R_COLR ( '01'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603104_02

**Group** : ISUP_DSS1/COLR/Special_Arrangement/TC603104/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element coded
Presentation indicator = presentation allowed,
sends an ANM message with the Connected number parameter and the Generic number parameter coded
Address presentation restriction indicator = presentation allowed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2(’010’B, ’0001’B,’00’B, ’00’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’00’B), P_GenNb_R_COLR ( ’00’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603105

**Group** : ISUP_DSS1/COLR/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element not including the optional octet 3a (screening and presentation indicator), sends a CON message with the Connected number parameter and the Generic number parameter coded Address presentation restriction indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0001’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B), P_GenNb_R_COLR ( ’01’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B), P_GenNb_R_COLR ( ’01’B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603106

**Group** : ISUP_DSS1/COLR/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element not including the optional octet 3a (screening and presentation indicator),
sends an ANM message with the Connected number parameter and the Generic number parameter coded
Address presentation restriction indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0001’B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B), P_GenNb_R_COLR ( ’01’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603107_01

**Group** : ISUP_DSS1/COLR/Special_Arrangement/TC603107/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation allowed,
sends a CON message with the Connected number parameter and the Generic number parameter coded
Address presentation restriction indicator = presentation allowed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2('010'B, '0001'B,'00'B, '00'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R_COLR('00'B), P_GenNb_R_COLR ( '00'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR('00'B), P_GenNb_R_COLR ( '00'B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603107_02

**Group** : ISUP_DSS1/COLR/Special_Arrangement/TC603107/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation restricted,
sends a CON message with the Connected number parameter and the Generic number parameter coded
Address presentation restriction indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2(’010’B, ’0001’B,’01’B, ’00’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B), P_GenNb_R_COLR ( ’01’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B), P_GenNb_R_COLR ( ’01’B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603108_01

**Group** : ISUP_DSS1/COLR/Special_Arrangement/TC603108/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation allowed, sends an ANM message with the Connected number parameter and the Generic number parameter coded Address presentation restriction indicator = presentation allowed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2('010'B, '0001'B,'00'B, '00'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR('00'B), P_GenNb_R_COLR ( '00'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603108_02

**Group** : ISUP_DSS1/COLR/Special_Arrangement/TC603108/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation restricted, sends an ANM message with the Connected number parameter and the Generic number parameter coded Address presentation restriction indicator = presentation restricted.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2(’010’B, ’0001’B,’01’B, ’00’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B), P_GenNb_R_COLR ( ’01’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603109

**Group** : ISUP_DSS1/COLR/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element not including the optional octet 3a (screening and presentation indicator), sends a CON message with the Connected number parameter and the Generic number parameter coded Address presentation restriction indicator = presentation allowed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0001’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’00’B), P_GenNb_R_COLR ( ’00’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’00’B), P_GenNb_R_COLR ( ’00’B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603110

**Group** : ISUP_DSS1/COLR/Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element not including the optional octet 3a (screening and presentation indicator),
sends an ANM message with the Connected number parameter and the Generic number parameter coded
Address presentation restriction indicator = presentation allowed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0001’B),−)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R3_COLP (CIC_VAL, P_ConNb_R_COLR(’00’B), P_GenNb_R_COLR ( ’00’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603201

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element, sends a CON message with the Connected number parameter coded Address presentation restriction indicator = presentation restricted and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R_COLR('01'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR('01'B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603202

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element,
sends an ANM message with the Connected number parameter coded
Address presentation restriction indicator = presentation restricted
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR('01'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603203_01

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/TC603203/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation restricted,
sends a CON message with the Connected number parameter coded
Address presentation restriction indicator = presentation restricted
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2('010'B, '0001'B,'01'B, '00'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R_COLR('01'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR('01'B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603203_02

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/TC603203/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation allowed,
sends a CON message with the Connected number parameter coded
Address presentation restriction indicator = presentation allowed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2(’010’B, ’0001’B,’00’B, ’00’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R_COLR(’00’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR(’00’B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603204_01

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/TC603204/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presenattion restricted, sends an ANM message with the Connected number parameter coded Address presentation restriction indicator = presentation restricted and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2('010'B, '0001'B,'01'B, '00'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR('01'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603204_02

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/TC603204/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation allowed, sends an ANM message with the Connected number parameter coded Address presentation restriction indicator = presentation allowed and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2(’010’B, ’0001’B,’00’B, ’00’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR(’00’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603205

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element not including the optional octet 3a (screening and presentation indicator), sends a CON message with the Connected number parameter coded Address presentation restriction indicator = presentation restricted and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R_COLR('01'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR('01'B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603206

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element not including the optional octet 3a (screening and presentation indicator),
sends an ANM message with the Connected number parameter coded
Address presentation restriction indicator = presentation restricted
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR('01'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603207_01

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/TC603207/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation allowed,
sends a CON message with the Connected number parameter coded
Address presentation restriction indicator = presentation allowed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2('010'B, '0001'B,'00'B, '00'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R_COLR('00'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR('00'B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603207_02

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/TC603207/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation restricted,
sends a CON message with the Connected number parameter coded
Address presentation restriction indicator = presentation restricted
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2(’010’B, ’0001’B,’01’B, ’00’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603208_01

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/TC603208/

**Purpose** : \ Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element coded Presentation indicator = presentation allowed,
sends an ANM message with the Connected number parameter coded
Address presentation restriction indicator = presentation allowed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2('010'B, '0001'B,'00'B, '00'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR('00'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603208_02

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/TC603208/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element coded
Presentation indicator = presentation restricted,
sends an ANM message with the Connected number parameter coded
Address presentation restriction indicator = presentation restricted
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S2(’010’B, ’0001’B,’01’B, ’00’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR(’01’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC603209

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a CONNECT message with a valid Connected number information element not including the optional octet 3a (screening and presentation indicator), sends a CON message with the Connected number parameter coded Address presentation restriction indicator = presentation allowed and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N06_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1('010'B, '0001'B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N06_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CON_R1_COLP (CIC_VAL, P_ConNb_R_COLR('00'B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR('00'B))) | (P) | (1) |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_SR_2 | | | |

**Detailed Comments** : (1) The connected/generic number parameters may be received in an ANM message instead of the CON message, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC603210

**Group** : ISUP_DSS1/COLR/No_Special_Arrangement/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CONNECT message with a valid Connected number information element not including the optional octet 3a (screening and presentation indicator),
sends an ANM message with the Connected number parameter coded
Address presentation restriction indicator = presentation allowed
and without the Generic number parameter.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 5 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 6 | | +PR_N07_1 | | | |
| 7 | | L1!PDUs | Ms(CN_S_COLP (1, CREF, CODN_S1(’010’B, ’0001’B), −)) | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 10 | | ACTIVATE(OtherwiseFail_2) | | | |
| 11 | | +PR_N07_2_COLP | | | |
| 12 | | START TWAIT | | | |
| 13 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R1_COLP (CIC_VAL, P_ConNb_R_COLR(’00’B))) | (P) | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | +PO_SR_2 | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC604001

**Group** : ISUP_DSS1/SUB/

**Purpose** : Ensure that the SUT in the Idle state, on receipt of an IAM message with the subaddress information in the Access transport parameter, sends a SETUP message with a Called party subaddress information element.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_IN, PTC2:PTC2_OUT) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | +MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_IN | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N00_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | + SETUP_R ( SU_R_SUB) | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | + PO_RR_1(1) | | | |
| 14 | | ?TIMEOUT TWAIT | | (I) | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_RR_1(1) | | | |
| | | PTC2_OUT | | | |
| 17 | | ACTIVATE(OtherwiseFail_2) | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs START TAC | TrR ( P_IAM_S_SUB ) | | |
| 20 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R(CIC_VAL)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TAC | | | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC606101

**Group** : ISUP_DSS1/CW/S_T/

**Purpose** : Ensure that the SUT in state N6, having sent a SETUP message with the Channel identification information element coded Information channel selection = no channel, on receipt of an ALERTING message, sends an ACM message with the Generic notification indicator parameter coded Notification indicator = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1_THREE) | | | |
| 7 | | +PR_N10OI_CW | | | |
| 8 | | +PTC1_SYNC_1_THREE | | | |
| 9 | | START TWAIT | | | |
| 10 | | + RECEIVE_SETUP | | | |
| 11 | | L1!PDUs | Ms(ALT_S1 (1,CREF3)) | | |
| 12 | | +PTC1_SYNC_1_THREE | | | |
| 13 | | +PO_SR_1_THREE (1) | | | |
| 14 | | +PO_SR_1_TWO_CW | | | |
| 15 | | ?TIMEOUT TWAIT | | (I) | |
| 16 | | +PTC1_SYNC_1_THREE | | | |
| 17 | | +PO_SR_1_TWO_CW | | | |
| | | RECEIVE_SETUP | | | |
| 18 | | L1?SETUPr [PC_PT_PT] (CREF3 := DL_DAT_IN_SETUP.mun.cr.cr_r, CREF3_ACTIVE := TRUE) CANCEL TWAIT | Sr(SU_R1_CW) | (P) | |
| 19 | | L1?SETUP_BROADCASTr [PC_MPT] (CREF3 := DL_UDAT_IN_SETUP.mun.cr.cr_r, CREF3_ACTIVE := TRUE) CANCEL TWAIT | SBr(SU_R1_CW) | (P) | |
| | | 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_ACM_R_CW (CIC_VAL)) | (P) | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | +PO_RR_2 | | | |
| 26 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CPG_R_CW (CIC_VAL, P_GenNot_RS ( 'E0'O))) | (P) | (1) |
| 27 | | +PTC2_SYNC | | | |
| 28 | | +PO_RR_2 | | | |
| 29 | | ?TIMEOUT TWAIT | | (F) | |
| 30 | | +PTC2_SYNC | | | |

**Detailed Comments** : (1) The indication "call is a waiting call" may be received in a CPG message as well, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC606102

**Group** : ISUP_DSS1/CW/S_T/

**Purpose** : Ensure that the SUT in state N25, having sent a SETUP message with the Channel identification information element coded Information channel selection = no channel, on receipt of an ALERTING message, sends an ACM message with the Generic notification indicator parameter coded Notification indicator = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1_THREE) | | | |
| 7 | | +PR_N10OI_CW | | | |
| 8 | | +PTC1_SYNC_1_THREE | | | |
| 9 | | START TWAIT | | | |
| 10 | | + RECEIVE_SETUP | | | |
| 11 | | L1!PDUs | Ms(SUA_S1(1,CREF3)) | | |
| 12 | | L1!PDUs | Ms(ALT_S1 (1,CREF3)) | | |
| 13 | | +PTC1_SYNC_1_THREE | | | |
| 14 | | +PO_SR_1_THREE (1) | | | |
| 15 | | +PO_SR_1_TWO_CW | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC1_SYNC_1_THREE | | | |
| 18 | | +PO_SR_1_TWO_CW | | | |
| | | RECEIVE_SETUP | | | |
| 19 | | L1?SETUPr [PC_PT_PT] (CREF3 := DL_DAT_IN_SETUP.mun.cr.cr_r, CREF3_ACTIVE := TRUE) CANCEL TWAIT | Sr(SU_R1_CW) | (P) | |
| 20 | | L1?SETUP_BROADCASTr [PC_MPT] (CREF3 := DL_UDAT_IN_SETUP.mun.cr.cr_r, CREF3_ACTIVE := TRUE) CANCEL TWAIT | SBr(SU_R1_CW) | (P) | |
| | | 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_ACM_R_CW (CIC_VAL)) | (P) | |
| 25 | | +PTC2_SYNC | | | |
| 26 | | +PO_RR_2 | | | |
| 27 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CPG_R_CW (CIC_VAL, P_GenNot_RS ( 'E0'O))) | (P) | (1) |
| 28 | | +PTC2_SYNC | | | |
| 29 | | +PO_RR_2 | | | |
| 30 | | ?TIMEOUT TWAIT | | (F) | |
| 31 | | +PTC2_SYNC | | | |

**Detailed Comments** : (1) The indication "call is a waiting call" may be received in a CPG message as well, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC606103

**Group** : ISUP_DSS1/CW/S_T/

**Purpose** : Ensure that the SUT in state N9, having sent a SETUP message with the Channel identification information element coded Information channel selection = no channel, on receipt of an ALERTING message, sends a CPG message with the Generic notification indicator parameter coded Notification indicator = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_N00_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1_THREE) | | | |
| 7 | | +PR_N10OI_CW | | | |
| 8 | | +PTC1_SYNC_1_THREE | | | |
| 9 | | START TWAIT | | | |
| 10 | | + RECEIVE_SETUP | | | |
| 11 | | L1!PDUs | Ms(CP_S1(1,CREF3)) | | |
| 12 | | L1!PDUs | Ms(ALT_S1 (1,CREF3)) | | |
| 13 | | +PTC1_SYNC_1_THREE | | | |
| 14 | | +PO_SR_1_THREE (1) | | | |
| 15 | | +PO_SR_1_TWO_CW | | | |
| 16 | | ?TIMEOUT TWAIT | | (I) | |
| 17 | | +PTC1_SYNC_1_THREE | | | |
| 18 | | +PO_SR_1_TWO_CW | | | |
| | | RECEIVE_SETUP | | | |
| 19 | | L1?SETUPr [PC_PT_PT] (CREF3 := DL_DAT_IN_SETUP.mun.cr.cr_r, CREF3_ACTIVE := TRUE) CANCEL TWAIT | Sr(SU_R1_CW) | (P) | |
| 20 | | L1?SETUP_BROADCASTr [PC_MPT] (CREF3 := DL_UDAT_IN_SETUP.mun.cr.cr_r, CREF3_ACTIVE := TRUE) CANCEL TWAIT | SBr(SU_R1_CW) | (P) | |
| | | PTC2_IN | | | |
| 21 | | ACTIVATE(OtherwiseFail_2) | | | |
| 22 | | +PTC2_SYNC | | | |
| 23 | | L2!P_PDUs (CIC_VAL := CIC_VAL) START TWAIT | TrR (P_IAM_S) | | |
| 24 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CPG_R_CW (CIC_VAL, P_GenNot_RS ( 'E0'O))) | (P) | |
| 25 | | +PTC2_SYNC | | | |
| 26 | | +PO_RR_2 | | | |
| 27 | | ?TIMEOUT TWAIT | | (F) | |
| 28 | | +PTC2_SYNC | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC606201

**Group** : ISUP_DSS1/CW/T/

**Purpose** : Ensure that the SUT in state N6, on receipt of an ALERTING message with the Notification indicator information element coded
Notification description = call is a waiting call,
sends an ACM message with the Generic notification indicator parameter coded
Notification indicator = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | +MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N06_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | L1!PDUs | Ms(ALT_S_CW (1,CREF)) | | |
| 10 | | +PTC1_SYNC_1 | | | |
| 11 | | +PO_SR_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_R_CW (CIC_VAL)) | (P) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | + PO_RR_2 | | | |
| 19 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CPG_R_CW (CIC_VAL, P_GenNot_RS ( 'E0'O))) | (P) | (1) |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |
| 22 | | ?TIMEOUT TWAIT | | (F) | |
| 23 | | +PTC2_SYNC | | | |
| 24 | | + PO_RR_2 | | | |

**Detailed Comments** : (1) The indication "call is a waiting" call may be received in a CPG message as well, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC606202

**Group** : ISUP_DSS1/CW/T/

**Purpose** : Ensure that the SUT in state N25, on receipt of an ALERTING message with the Notification indicator information element coded
Notification description = call is a waiting call,
sends an ACM message with the Generic notification indicator parameter coded
Notification indicator = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N25_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1!PDUs | Ms(ALT_S_CW (1,CREF)) | | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | +PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 13 | | ACTIVATE(OtherwiseFail_2) | | | |
| 14 | | +PR_N25_2 | | | |
| 15 | | +PTC2_SYNC | | | |
| 16 | | START TWAIT | | | |
| 17 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ACM_R_CW (CIC_VAL)) | (P) | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | +PO_RR_2 | | | |
| 20 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CPG_R_CW (CIC_VAL, P_GenNot_RS ( 'E0'O))) | (P) | (1) |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_RR_2 | | | |
| 23 | | ?TIMEOUT TWAIT | | (F) | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_RR_2 | | | |

**Detailed Comments** : (1) The indication "call is a waiting" call may be received in a CPG message as well, if the SUT automatically answers to the IAM with an ACM.

## Test Case Dynamic Behaviour

**Test Case Name** : TC606203

**Group** : ISUP_DSS1/CW/T/

**Purpose** : Ensure that the SUT in state N9, on receipt of an ALERTING message with the Notification indicator information element coded
Notification description = call is a waiting call,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N09_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | L1!PDUs | Ms(ALT_S_CW (1,CREF)) | | |
| 10 | | +PTC1_SYNC_1 | | | |
| 11 | | +PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 12 | | ACTIVATE(OtherwiseFail_2) | | | |
| 13 | | +PR_N09_2 | | | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | START TWAIT | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CPG_R_CW (CIC_VAL, P_GenNot_RS ( 'E0'O))) | (P) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | + PO_RR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (F) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC606204

**Group** : ISUP_DSS1/CW/T/

**Purpose** : Ensure that the SUT in state N7 on receipt of a PROGRESS message with the Notification indicator information element coded Notification description = call is a waiting call, sends a CPG message with the Generic notification indicator parameter coded Notification indicator = call is a waiting call.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N07_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | L1!PDUs | Ms(PG_S_CW (1,CREF)) | | |
| 10 | | +PTC1_SYNC_1 | | | |
| 11 | | +PO_SR_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_R_CW (CIC_VAL, P_GenNot_RS ( 'E0'O))) | (P) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_RR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (F) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC606205

**Group** : ISUP_DSS1/CW/T/

**Purpose** : Ensure that the SUT in state N7, on receipt of a NOTIFY message with the Notification indicator information element coded
Notification description = call is a waiting call,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = call is a waiting call
and the Event information parameter coded
Event indicator = PROGRESS

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N07_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | L1!PDUs | Ms(NO_S1(1,CREF, NOID_SR('E0'O))) | | |
| 10 | | +PTC1_SYNC_1 | | | |
| 11 | | +PO_SR_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_R_CW (CIC_VAL, P_GenNot_RS ( 'E0'O))) | (P) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | +PO_RR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (F) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | +PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC607101

**Group** : ISUP_DSS1/HOLD/Fom_Network/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote hold,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = Remote hold.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N07_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr( NO_R2 (0, CREF,NOID_SR('F9'O))) | (P) | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_SR_1(1) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_1 | | | |
| 15 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N07_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR( P_CPG_S_NOT (CIC_VAL, P_GenNot_RS ('F9'O))) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC607102

**Group** : ISUP_DSS1/HOLD/Fom_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote hold,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = Remote hold.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr( NO_R2 (0, CREF,NOID_SR('F9'O))) | (P) | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_SR_1(1) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_1 | | | |
| 15 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2_1 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR( P_CPG_S_NOT (CIC_VAL, P_GenNot_RS ('F9'O))) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC607103

**Group** : ISUP_DSS1/HOLD/Fom_Network/

**Purpose** : Ensure that the SUT in state N7, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote retrieval,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = Remote retrieval.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N07_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr( NO_R2 (0, CREF,NOID_SR('FA'O))) | (P) | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_SR_1(1) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_1 | | | |
| 15 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N07_2 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR( P_CPG_S_NOT (CIC_VAL, P_GenNot_RS ('F9'O))) | | |
| 20 | | L2!P_PDUs | TrR( P_CPG_S_NOT (CIC_VAL, P_GenNot_RS ('FA'O))) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC607104

**Group** : ISUP_DSS1/HOLD/Fom_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote retrieval,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = Remote retrieval.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr( NO_R2 (0, CREF,NOID_SR('FA'O))) | (P) | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_SR_1(1) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_1 | | | |
| 15 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2_1 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR( P_CPG_S_NOT (CIC_VAL, P_GenNot_RS ('F9'O))) | | |
| 20 | | L2!P_PDUs | TrR( P_CPG_S_NOT (CIC_VAL, P_GenNot_RS ('FA'O))) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC607201

**Group** : ISUP_DSS1/HOLD/S_T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a HOLD message,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote hold
and the Event information parameter coded
Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | L1!PDUs START TAC | Ms(HL_S1 (1, CREF)) | | |
| 10 | | L1?PDUr CANCEL TAC | Mr( HA_R1 (0, CREF) ) | | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_SR_1(1) | | | |
| 13 | | ?TIMEOUT TAC | | (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 | | START TWAIT | | | |
| 20 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O))) | (P) | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_RR_2 | | | |
| 23 | | ?TIMEOUT TWAIT | | (I) | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC607202

**Group** : ISUP_DSS1/HOLD/S_T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a RETRIEVE message,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote retrieval
and the Event information parameter coded
Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | + MTC_SYNC | | | |
| 6 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 7 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 8 | | +PR_N10_1_1 | | | |
| 9 | | +PTC1_SYNC_1 | | | |
| 10 | | L1!PDUs START TAC | Ms(HL_S1 (1, CREF)) | | |
| 11 | | L1?PDUr CANCEL TAC | Mr( HA_R1 (0, CREF) ) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | L1!PDUs START TAC | Ms(RT_S1 (1, CREF)) | | |
| 14 | | L1?PDUr CANCEL TAC | Mr( RTA_R1 (0, CREF) ) | | |
| 15 | | +PTC1_SYNC_1 | | | |
| 16 | | + PO_SR_1(1) | | | |
| 17 | | ?TIMEOUT TAC | | (I) | |
| 18 | | +PTC1_SYNC_1 | | | |
| 19 | | + PO_SR_1(1) | | | |
| 20 | | ?TIMEOUT TAC | | (I) | |
| 21 | | +PTC1_SYNC_1 | | | |
| 22 | | +PTC1_SYNC_1 | | | |
| 23 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 24 | | ACTIVATE(OtherwiseFail_2) | | | |
| 25 | | +PR_N10_2_1 | | | |
| 26 | | +PTC2_SYNC | | | |
| 27 | | START TWAIT | | | |
| 28 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O))) | (P) | |
| 29 | | +PTC2_SYNC | | | |
| 30 | | START TWAIT | | | |
| 31 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('FA'O))) | (P) | |
| 32 | | +PTC2_SYNC | | | |
| 33 | | + PO_RR_2 | | | |
| 34 | | ?TIMEOUT TWAIT | | (I) | |
| 35 | | +PTC2_SYNC | | | |
| 36 | | + PO_RR_2 | | | |
| 37 | | ?TIMEOUT TWAIT | | (I) | |
| 38 | | +PTC2_SYNC | | | |
| 39 | | +PTC2_SYNC | | | |
| 40 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC607301

**Group** : ISUP_DSS1/HOLD/T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = Remote hold,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = Remote hold
and the Event information parameter coded
Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | L1!PDUs START TAC | Ms( NO_S1 (1, CREF, NOID_SR('F9'O))) | | |
| 10 | | +PTC1_SYNC_1 | | | |
| 11 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 12 | | ACTIVATE(OtherwiseFail_2) | | | |
| 13 | | +PR_N10_2_1 | | | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | START TWAIT | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('F9'O ))) | (P) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | + PO_RR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC607302

**Group** : ISUP_DSS1/HOLD/T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = Remote retrieval,
sends a CPG message with the Generic notification indicator parameter coded Notification indicator = Remote retrieval
and the Event information parameter coded Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | L1!PDUs | Ms( NO_S1 (1, CREF, NOID_SR(’F9’O))) | | |
| 10 | | L1!PDUs | Ms( NO_S1 (1, CREF, NOID_SR(’FA’O))) | | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 13 | | ACTIVATE(OtherwiseFail_2) | | | |
| 14 | | +PR_N10_2_1 | | | |
| 15 | | +PTC2_SYNC | | | |
| 16 | | START TWAIT | | | |
| 17 | | L2?P_PDUr | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS(’F9’O ))) | (P) | |
| 18 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS(’FA’O ))) | (P) | |
| 19 | | +PTC2_SYNC | | | |
| 20 | | + PO_RR_2 | | | |
| 21 | | ?TIMEOUT TWAIT | | (I) | |
| 22 | | +PTC2_SYNC | | | |
| 23 | | + PO_RR_2 | | | |
| 24 | | ?TIMEOUT TWAIT | | (I) | |
| 25 | | +PTC2_SYNC | | | |
| 26 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC608101

**Group** : ISUP_DSS1/TP/From_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a SUS message with the Suspend/resume indicators parameter coded
Suspend resume indicator = ISDN subscriber initiated,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = user suspended.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr( NO_R2 (0, CREF,NOID_SR('80'O))) | (P) | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_SR_1(1) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_1 | | | |
| 15 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2_1 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR( P_SUS_S (CIC_VAL, '0'B)) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC608102

**Group** : ISUP_DSS1/TP/From_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a RES message with the Suspend/resume indicators parameter coded
Suspend resume indicator = ISDN subscriber initiated,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = user resumed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr( NO_R2 (0, CREF,NOID_SR(’81’O))) | (P) | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_SR_1(1) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_1 | | | |
| 15 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2_1 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_SUS_S (CIC_VAL,’0’B)) | | |
| 20 | | L2!P_PDUs | TrR( P_RES_S (CIC_VAL, ’0’B)) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC608103

**Group** : ISUP_DSS1/TP/From_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = user suspended,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = user suspended.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr( NO_R2 (0, CREF,NOID_SR('80'O))) | (P) | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_SR_1(1) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_1 | | | |
| 15 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2_1 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CPG_S_NOT(CIC_VAL, P_GenNot_RS ('80'O) )) | | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC608104

**Group** : ISUP_DSS1/TP/From_Network/

**Purpose** : Ensure that the SUT in state N10, on receipt of a CPG message with the Generic notification indicator parameter coded
Notification indicator = user resumed,
sends a NOTIFY message with the Notification indicator information element coded
Notification description = user resumed.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | START TWAIT | | | |
| 10 | | L1?PDUr CANCEL TWAIT | Mr( NO_R2 (0, CREF,NOID_SR('81'O))) | (P) | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_SR_1(1) | | | |
| 13 | | ?TIMEOUT TWAIT | | (I) | |
| 14 | | +PTC1_SYNC_1 | | | |
| 15 | | + PO_SR_1(1) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2_1 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | L2!P_PDUs | TrR(P_CPG_S_NOT(CIC_VAL, P_GenNot_RS ('80'O) )) | | |
| 20 | | L2!P_PDUs | TrR(P_CPG_S_NOT(CIC_VAL, P_GenNot_RS ('81'O) )) | | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_RR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC608201

**Group** : ISUP_DSS1/TP/S_T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a SUSPEND message, sends a SUS message with the Suspend/resume indicators parameter coded Suspend resume indicator = ISDN subscriber initiated,.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | (CallID := CallID + 1) | | | |
| 10 | | L1!PDUs START TAC | Ms(SP_S (1, CREF,CallID)) | | |
| 11 | | L1?PDUr CANCEL TAC | Mr( SPA_R (0, CREF) ) | | |
| 12 | | +PTC1_SYNC_1 | | | |
| 13 | | ?TIMEOUT TAC | | (I) | |
| 14 | | +PTC1_SYNC_1 | | | |
| 15 | | + PO_RR_1(1) | | | |
| | | PTC2_IN | | | |
| 16 | | ACTIVATE(OtherwiseFail_2) | | | |
| 17 | | +PR_N10_2_1 | | | |
| 18 | | +PTC2_SYNC | | | |
| 19 | | START TWAIT | | | |
| 20 | | L2?P_PDUr CANCEL TWAIT | TrI(P_SUS_R (CIC_VAL, ’0’B )) | (P) | |
| 21 | | +PTC2_SYNC | | | |
| 22 | | + PO_SR_2 | | | |
| 23 | | ?TIMEOUT TWAIT | | (I) | |
| 24 | | +PTC2_SYNC | | | |
| 25 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC608202

**Group** : ISUP_DSS1/TP/S_T/

**Purpose** : Ensure that the SUT in state N0, on receipt of a RESUME message, sends a RES message with the Suspend/resume indicators parameter coded Suspend resume indicator = ISDN subscriber initiated,.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | + MTC_SYNC | | | |
| 6 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 7 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 8 | | +PR_N10_1_1 | | | |
| 9 | | +PTC1_SYNC_1 | | | |
| 10 | | (CallID := CallID + 1) | | | |
| 11 | | L1!PDUs START TAC | Ms(SP_S (1, CREF,CallID)) | | |
| 12 | | L1?PDUr CANCEL TAC | Mr( SPA_R (0, CREF) ) | | |
| 13 | | +PTC1_SYNC_1 | | | |
| 14 | | ACTIVATE(OtherwiseFail_1(0 )) | | | |
| 15 | | L1!PDUs START TAC | Ms(RES_S(0, CREF,CallID) ) | | |
| 16 | | L1?PDUr CANCEL TAC | Mr( RESA_R (1, CREF) ) | | |
| 17 | | +PTC1_SYNC_0 | | | |
| 18 | | + PO_SR_1(0) | | | |
| 19 | | ?TIMEOUT TAC | | (I) | |
| 20 | | +PTC1_SYNC_0 | | | |
| 21 | | + PO_RR_1(0) | | | |
| 22 | | ?TIMEOUT TAC | | (I) | |
| 23 | | +PTC1_SYNC_1 | | | |
| 24 | | +PTC1_SYNC_1 | | | |
| 25 | | + PO_RR_1(1) | | | |
| | | PTC2_IN | | | |
| 26 | | ACTIVATE(OtherwiseFail_2) | | | |
| 27 | | +PR_N10_2_1 | | | |
| 28 | | +PTC2_SYNC | | | |
| 29 | | START TWAIT | | | |
| 30 | | L2?P_PDUr CANCEL TWAIT | TrI(P_SUS_R (CIC_VAL, ’0’B )) | (P) | |
| 31 | | +PTC2_SYNC | | | |
| 32 | | START TWAIT | | | |
| 33 | | L2?P_PDUr CANCEL TWAIT | TrI(P_RES_R (CIC_VAL, ’0’B )) | (P) | |
| 34 | | +PTC2_SYNC | | | |
| 35 | | + PO_RR_2 | | | |
| 36 | | [TRUE] | | R | |
| 37 | | ?TIMEOUT TWAIT | | (I) | |
| 38 | | +PTC2_SYNC | | | |
| 39 | | + PO_SR_2 | | | |
| 40 | | ?TIMEOUT TWAIT | | (I) | |
| 41 | | +PTC2_SYNC | | | |
| 42 | | +PTC2_SYNC | | | |
| 43 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC608301

**Group** : ISUP_DSS1/TP/T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = user suspended,
sends a CPG message with the Generic notification indicator parameter coded
Notification indicator = user suspended
and the Event information parameter coded
Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | L1!PDUs START TAC | Ms( NO_S1 (1, CREF, NOID_SR('80'O))) | | |
| 10 | | +PTC1_SYNC_1 | | | |
| 11 | | + PO_RR_1(1) | | | |
| | | PTC2_IN | | | |
| 12 | | ACTIVATE(OtherwiseFail_2) | | | |
| 13 | | +PR_N10_2_1 | | | |
| 14 | | +PTC2_SYNC | | | |
| 15 | | START TWAIT | | | |
| 16 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS('80'O ))) | (P) | |
| 17 | | +PTC2_SYNC | | | |
| 18 | | + PO_SR_2 | | | |
| 19 | | ?TIMEOUT TWAIT | | (I) | |
| 20 | | +PTC2_SYNC | | | |
| 21 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Case Dynamic Behaviour

**Test Case Name** : TC608302

**Group** : ISUP_DSS1/TP/T/

**Purpose** : Ensure that the SUT in state N10, on receipt of a NOTIFY message with the Notification indicator information element coded Notification description = user resumed,
sends a CPG message with the Generic notification indicator parameter coded Notification indicator = user resumed
and the Event information parameter coded Event indicator = Progress.

**Configuration** : CONFIG1

**Default** : OtherwiseFail

**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CREATE(PTC1:PTC1_OUT, PTC2:PTC2_IN) | | | |
| 2 | | +PR_IN_MTC | | | |
| 3 | | + MTC_SYNC | | | |
| 4 | | + MTC_SYNC | | | |
| 5 | | ?DONE(PTC1, PTC2) | | | |
| | | PTC1_OUT | | | |
| 6 | | ACTIVATE(OtherwiseFail_1(1)) | | | |
| 7 | | +PR_N10_1_1 | | | |
| 8 | | +PTC1_SYNC_1 | | | |
| 9 | | L1!PDUs | Ms( NO_S1 (1, CREF, NOID_SR(’80’O))) | | |
| 10 | | L1!PDUs | Ms( NO_S1 (1, CREF, NOID_SR(’81’O))) | | |
| 11 | | +PTC1_SYNC_1 | | | |
| 12 | | + PO_RR_1(1) | | | |
| | | PTC2_IN | | | |
| 13 | | ACTIVATE(OtherwiseFail_2) | | | |
| 14 | | +PR_N10_2_1 | | | |
| 15 | | +PTC2_SYNC | | | |
| 16 | | START TWAIT | | | |
| 17 | | L2?P_PDUr | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS(’80’O ))) | (P) | |
| 18 | | L2?P_PDUr CANCEL TWAIT | TrI(P_CPG_R_NOT (CIC_VAL, P_GenNot_RS(’81’O ))) | (P) | |
| 19 | | +PTC2_SYNC | | | |
| 20 | | + PO_SR_2 | | | |
| 21 | | ?TIMEOUT TWAIT | | (I) | |
| 22 | | +PTC2_SYNC | | | |
| 23 | | + PO_SR_2 | | | |
| 24 | | ?TIMEOUT TWAIT | | (I) | |
| 25 | | +PTC2_SYNC | | | |
| 26 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N00_1
**Group** : ISDN_Step/
**Objective** : Preamble to the ISDN Null call state N00.
**Default** : OtherwiseFail
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | [NOT PX_L2_INIT] | | | |
| 2 | | +INIT_VARIABLES | | | (1) |
| 3 | | [PX_L2_INIT] | | | |
| 4 | | +INIT_VARIABLES | | | (1) |
| 5 | | L1!DL_REL_RQ START TAC | | | (2) |
| 6 | | L1?DL_REL_CO CANCEL TAC | | (P) | (3) |
| 7 | | L1!DL_EST_RQ START TAC | | | (4) |
| 8 | L1 | L1?DL_EST_CO CANCEL TAC | | (P) | (5) |
| 9 | | +WAIT_RESTART | | | (6) |
| 10 | | L1?DL_REL_IN START TNOAC | | | (7) |
| 11 | | L1?DL_EST_IN CANCEL TAC , CANCEL TNOAC | | (P) | (8) |
| 12 | | +WAIT_RESTART | | | (6) |
| 13 | | ?TIMEOUT TNOAC | | | |
| 14 | | L1!DL_EST_RQ | | | (4) |
| 15 | | GOTO L1 | | | |
| 16 | | L1?OTHERWISE | | I | |
| 17 | | L1?DL_EST_IN CANCEL TAC , START TNOAC | | | (8) |
| 18 | | L1?DL_EST_CO CANCEL TNOAC | | (P) | (9) |
| 19 | | +WAIT_RESTART | | | |
| 20 | | ?TIMEOUT TNOAC | | I | no response |
| 21 | | L1?OTHERWISE | | I | (10) |
| 22 | | ?TIMEOUT TAC | | I | no response |
| 23 | | L1?OTHERWISE | | I | (10) |
| 24 | | ?TIMEOUT TAC | | I | no response |
| 25 | | L1?OTHERWISE | | I | (10) |
| | | INIT_VARIABLES | | | |
| 26 | | [PC_BASIC] | | | |
| 27 | | (CREF:=’0000001’B, CREF2:=’0000010’B, GLOB_CREF:=’0000000’B, B_CHN:=INT_TO_BIT(PX_CH_NUM,2)) | | | Basic access |
| 28 | | [NOT PC_BASIC] | | | |
| 29 | | (CREF:=’000000000000001’B, CREF2:=’000000000000010’B, GLOB_CREF:=’000000000000000’B, B_CHN:=INT_TO_BIT(PX_CH_NUM,7)) | | | Primary rate access |
| | | WAIT_RESTART | | | |
| 30 | | [PX_WAIT_RESTART] | | | |
| 31 | | START T_RESTART | | | |
| 32 | LR | L1?RESTARTr | RSr(RST_R2(0,GLOB_CREF,6)) | | Single interface |
| 33 | | L1!PDUs | Ms(RSA_S2(1,GLOB_CREF,6)) | | |
| 34 | | GOTO LR | | | |
| 35 | | L1?RESTARTr | RSr(RST_R2(0,GLOB_CREF,7)) | | All interfaces |
| 36 | | L1!PDUs | Ms(RSA_S2(1,GLOB_CREF,7)) | | |
| 37 | | GOTO LR | | | |
| 38 | | 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) | RSr(RST_R1(0,GLOB_CREF,0)) | | Indicated channels |
| 39 | | L1!PDUs | Ms(RSA_S1(1,GLOB_CREF,B_CHN,B_CHN_RS,CHI_LENGTH,0)) | | |
| 40 | | GOTO LR | | | |

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Test Step Dynamic Behaviour

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 41 | | L1?RESTARTr [PC_BASIC] (B_CHN:= DL_DAT_IN_RESTART.mun.chi.chi_e3_cs) | RSr(RST_R1(0,GLOB_CREF,0)) | | Indicated channels |
| 42 | | L1!PDUs | Ms(RSA_S1(1,GLOB_CREF,B_CHN,B_CHN_RS,CHI_LENGTH,0)) | | |
| 43 | | GOTO LR | | | |
| 44 | | ?TIMEOUT T_RESTART | | | |
| 45 | | [NOT PX_WAIT_RESTART] | | | |

**Detailed Comments :** The layer 2 of the IUT at the access related to MTC (CES1) must have a TEI assigned value before the execution of this preamble. The procedure to assign the TEI value to the IUT is a matter for the test laboratory.
(1) The local subtree INIT_VARIABLES is used to assign initial values to test case variables taking into account the used interface configuration.
(2) Termination of the multiple frame operation is requested (A DISC frame is sent).
(3) Termination of the multiple frame operation is confirmed (A UA or a DM frame is received).
(4) Establishment of the multiple frame operation is requested (A SABME frame is sent).
(5) Establishment of the multiple frame operation is confirmed (A UA frame is received).
(6) The local subtree WAIT_RESTART is used to deal with the receipt of RESTART messages that may be sent by the IUT after the re−establishment of the multiple frame operation.
(7) An unsucessful establishment attempt is reported (A DM frame is received).
(8) Establishment of the multiple frame operation is indicated (A SABME frame is received and a UA frame is sent).
(9) Establishment of the multiple frame operation (requested in line 4) is confirmed (A UA frame is received).
(10) Any other event occurred.

Test Step Dynamic Behaviour

**Test Step Name :** PR_N03_1
**Group :** ISDN_Step/
**Objective :** Preamble to the call state N03.
**Default :** OtherwiseFail_1(0)
**Comments :**

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N00_1 | | | |
| 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 |

**Detailed Comments :**

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N04_1
**Group** : ISDN_Step/
**Objective** : Preamble to the call state N04.
**Default** : OtherwiseFail_1(0)
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N00_1 | | | |
| 2 | | CPA1!CP_M | RDY | | |
| 3 | | CPA1?CP_M | S_MSG | | |
| 4 | | L1!PDUs START TAC | Ms(SU_S1(0,CREF,B_CHN)) | | |
| 5 | | L1?PDUr 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 |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N06_1
**Group** : ISDN_Step/
**Objective** : Preamble to the Overlap Sending call state N06.
**Default** : OtherwiseFail_1(1)
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N00_1 | | | |
| 2 | | CPA1!CP_M START TWAIT | RDY | | |
| 3 | | +SETUP_R(SU_R_BASE) | | | |
| 4 | | ?TIMEOUT TWAIT | | (I) | no response |
| 5 | | +PO_SR_1(1) | | | postamble N0 |

**Detailed Comments** : (1) Set Up with don’t care values

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N07_1
**Group** : ISDN_Step/
**Objective** : Preamble to the Call Received call state N07.
**Default** : OtherwiseFail_1(1)
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N00_1 | | | |
| 2 | | CPA1!CP_M START TWAIT | RDY | | |
| 3 | | +SETUP_R(SU_R1) | | | |
| 4 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 5 | | L1!PDUs | Ms(ALT_S1(1,CREF)) | | |
| 6 | | ?TIMEOUT TWAIT | | (I) | no response |
| 7 | | +PTC1_SYNC_1 | | | |
| 8 | | +PO_SR_1(1) | | | postamble N0 |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N09_1
**Group** : ISDN_Step/
**Objective** : Preamble to the Incoming Call Proceeding call state N09.
**Default** : OtherwiseFail_1(1)
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N00_1 | | | |
| 2 | | CPA1!CP_M | RDY | | |
| 3 | | START TWAIT | | | |
| 4 | | +SETUP_R(SU_R1) | | | |
| 5 | | L1!PDUs | Ms(CP_S1(1,CREF)) | | |
| 6 | | ?TIMEOUT TWAIT | | (I) | no response |
| 7 | | +PO_SR_1(1) | | | postamble N0 |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N10_1
**Group** : ISDN_Step/
**Objective** : Preamble to the call state N10.
**Default** : OtherwiseFail_1(0)
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N00_1 | | | |
| 2 | | CPA1!CP_M | RDY | | |
| 3 | | CPA1?CP_M | S_MSG | | |
| 4 | | L1!PDUs START TAC | Ms(SU_S1(0,CREF,B_CHN)) | | |
| 5 | | L1?PDUr START TAC | Mr(CP_R1(1,CREF)) | | |
| 6 | | L1?PDUr START TAC | Mr(ALT_R(1,CREF)) | | |
| 7 | | L1?PDUr CANCEL TAC | Mr(CN_R(1, CREF)) | | |
| 8 | | ?TIMEOUT TAC | | (I) | no response |
| 9 | | +PO_SR_1(0) | | | postamble N0 |
| 10 | | ?TIMEOUT TAC | | (I) | no response |
| 11 | | +PO_SR_1(0) | | | postamble N0 |
| 12 | | ?TIMEOUT TAC | | (I) | no response |
| 13 | | +PO_SR_1(0) | | | postamble N0 |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N10_1_1
**Group** : ISDN_Step/
**Objective** : Preamble to the Active call state N10.
**Default** : OtherwiseFail_1(1)
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N00_1 | | | |
| 2 | | CPA1!CP_M START TWAIT | RDY | | |
| 3 | | +SETUP_R(SU_R1) | | | |
| 4 | | L1!PDUs | Ms(ALT_S1(1,CREF)) | | |
| 5 | | L1!PDUs | Ms(CN_S(1,CREF)) | | |
| 6 | | ?TIMEOUT TWAIT | | (I) | no response |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N10OI_CW
**Group** : ISDN_Step/
**Objective** : Preamble to the call state N10 for two calls on the same CES.
**Default** : OtherwiseFail_1_THREE
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N00_1 | | | |
| 2 | | L1!PDUs START TAC | Ms(SU_S_CW(0,CREF,B_CHN)) | | |
| 3 | | L1?PDUr | Mr(CP_R1(1,CREF)) | | |
| 4 | | +RECEIVE_SETUP2 | | | |
| 5 | | L1!PDUs | Ms(ALT_S1(1,CREF2)) | | |
| 6 | | L1!PDUs START TAC | Ms(CN_S(1,CREF2)) | | |
| 7 | | L1?PDUr | Mr(ALT_R(1,CREF)) | | |
| 8 | | L1?PDUr CANCEL TAC | Mr(CN_R(1, CREF)) | (P) | |
| 9 | | ?TIMEOUT TAC | | (F) | |
| 10 | | +PO_SR_1_TWO_CW | | | |
| 11 | | ?TIMEOUT TAC | | (F) | |
| 12 | | +PO_SR_1_TWO_CW | | | |
| 13 | | ?TIMEOUT TAC | | | |
| 14 | | L1!PDUs | Ms(RC_S1(1,CREF)) | F | |
| 15 | | +RECEIVE_SETUP2 | | | |
| 16 | | L1?PDUr CANCEL TAC | Mr(CP_R1(1,CREF)) | | |
| 17 | | L1!PDUs | Ms(ALT_S1(1,CREF2)) | | |
| 18 | | L1!PDUs START TAC | Ms(CN_S(1,CREF2)) | | |
| 19 | | L1?PDUr | Mr(ALT_R(1,CREF)) | | |
| 20 | | L1?PDUr CANCEL TAC | Mr(CN_R(1, CREF)) | (P) | |
| 21 | | ?TIMEOUT TAC | | (F) | |
| 22 | | +PO_SR_1_TWO_CW | | | |
| 23 | | ?TIMEOUT TAC | | (F) | |
| 24 | | +PO_SR_1_TWO_CW | | | |
| 25 | | ?TIMEOUT TAC | | | |
| 26 | | L1!PDUs | Ms(RC_S1(1,CREF)) | | |
| 27 | | L1!PDUs | Ms(RC_S1(1,CREF2)) | F | |
| 28 | | ?TIMEOUT TAC | | F | |
| | | RECEIVE_SETUP2 | | | |
| 29 | | L1?SETUPr [PC_PT_PT] (CREF2 := DL_DAT_IN_SETUP.mun.cr.cr_r) | Sr(SU_R1) | (P) | |
| 30 | | L1?SETUP_BROADCASTr [PC_MPT] (CREF2 := DL_UDAT_IN_SETUP.mun.cr.cr_r) | SBr(SU_R1) | (P) | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N25_1
**Group** : ISDN_Step/
**Objective** : Preamble to the Overlap Sending call state N25.
**Default** : OtherwiseFail_1(1)
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N06_1 | | | |
| 2 | | L1!PDUs | Ms(SUA_S1(1,CREF)) | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PO_RR_1 (FL:INTEGER)
**Group** : ISDN_Step/
**Objective** :
**Default** : OtherwiseFail_1(FL)
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | START TWAIT | | | |
| 2 | | L1?PDUr CANCEL TWAIT | Mr(RC_R1((FL+1)MOD 2,CREF)) | | |
| 3 | | L1?PDUr CANCEL TWAIT | Mr(DI_R1((FL+1)MOD 2,CREF)) | | |
| 4 | | L1!PDUs START TAC | Ms(RL_S1(FL,CREF,16)) | | |
| 5 | | L1?PDUr CANCEL TAC | Mr(RC_R1((FL+1)MOD 2,CREF)) | | |
| 6 | | L1?PDUr CANCEL TWAIT | Mr(RL_R1((FL+1)MOD 2,CREF)) | | |
| 7 | | L1!PDUs | Ms(RC_S1(FL,CREF)) | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PO_SR_1(FL: INTEGER)
**Group** : ISDN_Step/
**Objective** : To bring the IUT back to the Null call state N00. Send the RELEASE message.
**Default** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | L1!PDUs START TAC | Ms(RL_S1(FL,CREF,16)) | | (1) |
| 2 | L1 | L1?PDUr CANCEL TAC | Mr(RC_R1((FL+1)MOD 2,CREF)) | | (2) |
| 3 | | L1?PDUr | Mr(GFP_R1((FL+1)MOD 2,CREF)) | | |
| 4 | | GOTO L1 | | | |
| 5 | | ?TIMEOUT TAC | | (I) | no response |
| 6 | | L1?OTHERWISE | | (I) | (3) |

**Detailed Comments** : (1) A valid RELEASE message indicating the cause value 16 "Normal call clearing" is sent.
(2) A RELEASE COMPLETE message is received from the IUT.
(3) An invalid event occurred.

## Test Step Dynamic Behaviour

**Test Step Name** : PO_SR_1_THREE (FL: INTEGER)
**Group** : ISDN_Step/
**Objective** : To bring the IUT back to the Null call state N00. Send the RELEASE message.
**Default** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | L1!PDUs START TAC | Ms(RL_S1(FL,CREF3,16)) | | (1) |
| 2 | | L1?PDUr CANCEL TAC | Mr(RC_R1((FL+1)MOD 2,CREF3)) | | (2) |
| 3 | | ?TIMEOUT TAC | | (I) | no response |
| 4 | | L1?OTHERWISE | | (I) | (3) |

**Detailed Comments** : (1) A valid RELEASE message indicating the cause value 16 "Normal call clearing" is sent.
(2) A RELEASE COMPLETE message is received from the IUT.
(3) An invalid event occurred.

## Test Step Dynamic Behaviour

**Test Step Name** : PO_SR_1_TWO_CW
**Group** : ISDN_Step/
**Objective** : To bring the IUT back to the Null call state N00 for two existing calls. (for CW)
**Default** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | L1!PDUs START TAC | Ms(RL_S1(0,CREF,16)) | | |
| 2 | | REPEAT RELEASE_CREFS UNTIL [(NOT CREF1_ACTIVE) AND (NOT CREF2_ACTIVE)] | | | |
| 3 | | CANCEL TAC | | | |
| | | RELEASE_CREFS | | | |
| 4 | | L1?PDUr (CREF1_ACTIVE := FALSE) | Mr(RC_R1(1,CREF)) | | |
| 5 | | L1?PDUr START TAC | Mr(DI_R1(0,CREF2)) | | |
| 6 | | L1!PDUs | Ms(RL_S1(1,CREF2,16)) | | |
| 7 | | L1?PDUr (CREF2_ACTIVE := FALSE) | Mr(RC_R1(0,CREF2)) | | |
| 8 | | L1?PDUr | Mr(RL_R1( 0,CREF2)) | | |
| 9 | | L1!PDUs (CREF2_ACTIVE := FALSE) | Ms(RC_S1(1,CREF2)) | | |
| 10 | | ?TIMEOUT TAC | | F | no response |
| 11 | | L1?OTHERWISE | | F | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PTC1_SYNC_0
**Group** : ISDN_Step/
**Objective** : Syncronise interface 1 (ISDN) with MTC (and indirectly with interface 2 (ISUP))
**Default** : OtherwiseFail_1(0)
**Comments** : Sends a READY CM to MTC and waits for one in response

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA1!CP_M | RDY | | |
| 2 | | CPA1?CP_M | RDY | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PTC1_SYNC_1
**Group** : ISDN_Step/
**Objective** : Syncronise interface 1 (ISDN) with MTC (and indirectly with interface 2 (ISUP))
**Default** : OtherwiseFail_1(1)
**Comments** : Sends a READY CM to MTC and waits for one in response

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA1!CP_M | RDY | | |
| 2 | | CPA1?CP_M | RDY | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PTC1_SYNC_1_THREE
**Group** : ISDN_Step/
**Objective** : Syncronise interface 1 (ISDN) with MTC (and indirectly with interface 2 (ISUP))
**Default** : OtherwiseFail_1_THREE
**Comments** : Sends a READY CM to MTC and waits for one in response

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA1!CP_M | RDY | | |
| 2 | | CPA1?CP_M | RDY | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : SETUP_R(SU_VAL: SETUP_PDU)
**Group** : ISDN_Step/
**Objective** : Test step to receive SETUP messages in I or UI frames.
**Default** : OtherwiseFail_1(1)
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | L1?SETUPr [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT | Sr(SU_VAL) | (P) | |
| 2 | | L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) CANCEL TWAIT | SBr(SU_VAL) | (P) | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N02_2
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N02.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | START TWAIT | | | |
| 2 | | CPA2!CP_M | RDY | | |
| 3 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R) | | |
| 4 | | ?TIMEOUT TWAIT | | (I) | |
| 5 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N02_2_COLP
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N02.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | START TWAIT | | | |
| 2 | | CPA2!CP_M | RDY | | |
| 3 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC)<br>CANCEL TWAIT | IrI (P_IAM_R_COLP) | | |
| 4 | | ?TIMEOUT TWAIT | | (I) | |
| 5 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N03_2
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N03.
**Default** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N02_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N03_2_COLP
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N03.
**Default** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N02_2_COLP | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N04_2
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N04.
**Default** : OtherwiseFail_2
**Comments** :

| 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,'1'B,'1'B,'0'B)) | | |
| 4 | | ?TIMEOUT TWAIT | | (I) | |
| 5 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N04_2_COLP
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N04.
**Default** : OtherwiseFail_2
**Comments** :

| 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_COLP) | | |
| 3 | | L2!P_PDUs | TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B,'1'B,'0'B)) | | |
| 4 | | ?TIMEOUT TWAIT | | (I) | |
| 5 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N06_2_COLP
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N06.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA2!CP_M | RDY | | |
| 2 | | CPA2?CP_M | S_MSG | | |
| 3 | | L2!P_PDUs | TrR (P_IAM_S_COLP) | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N06_2
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N06.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA2!CP_M | RDY | | |
| 2 | | CPA2?CP_M | S_MSG | | |
| 3 | | L2!P_PDUs | TrR (P_IAM_S) | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N07_2
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N07.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA2!CP_M | RDY | | |
| 2 | | CPA2?CP_M | S_MSG | | |
| 3 | | L2!P_PDUs START TWAIT | TrR (P_IAM_S) | | |
| 4 | | L2?P_PDUr | TrI (P_ACM_R12 (CIC_VAL)) | | |
| 5 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CPG_R1 (CIC_VAL,1)) | (P) | |
| 6 | | ?TIMEOUT TWAIT | | (I) | |
| 7 | | + PO_SR_2 | | | |
| 8 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ACM_R (CIC_VAL)) | (P) | |
| 9 | | ?TIMEOUT TWAIT | | (I) | |
| 10 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N07_2_COLP
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N07.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA2!CP_M | RDY | | |
| 2 | | CPA2?CP_M | S_MSG | | |
| 3 | | L2!P_PDUs START TWAIT | TrR (P_IAM_S_COLP) | | |
| 4 | | L2?P_PDUr | TrI (P_ACM_R12 (CIC_VAL)) | | |
| 5 | | L2?P_PDUr CANCEL TWAIT | TrI (P_CPG_R1 (CIC_VAL,1)) | (P) | |
| 6 | | ?TIMEOUT TWAIT | | (I) | |
| 7 | | + PO_SR_2 | | | |
| 8 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ACM_R (CIC_VAL)) | (P) | |
| 9 | | ?TIMEOUT TWAIT | | (I) | |
| 10 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N09_2
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N09.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA2!CP_M | RDY | | |
| 2 | | CPA2?CP_M | S_MSG | | |
| 3 | | L2!P_PDUs START TAC | TrR (P_IAM_S) | | |
| 4 | | L2?P_PDUr CANCEL TAC | TrI (P_ACM_R (PXP_CIC_S)) | (P) | |
| 5 | | ?TIMEOUT TAC | | (I) | |
| 6 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N10_2
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N10.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA2!CP_M | RDY | | |
| 2 | | START TWAIT | | | |
| 3 | | L2?P_IAMr (CIC_VAL := IAM_IND.isup_pdu.CICode.CIC) CANCEL TWAIT | IrI (P_IAM_R) | | |
| 4 | | L2!P_PDUs | TrR (P_ACM_S2(CIC_VAL,'01'B,'1'B, '1'B,'0'B)) | | |
| 5 | | L2!P_PDUs | TrR(P_CPG_S(CIC_VAL,1)) | | |
| 6 | | L2!P_PDUs | TrR(P_ANM_S(CIC_VAL)) | | |
| 7 | | ?TIMEOUT TWAIT | | (I) | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N10_2_1
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N10.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA2!CP_M | RDY | | |
| 2 | | CPA2?CP_M | S_MSG | | |
| 3 | | L2!P_PDUs (CIC_VAL := PXP_CIC_S) START TWAIT | TrR (P_IAM_S) | | |
| 4 | | L2?P_PDUr | TrI (P_ACM_R (CIC_VAL)) | | |
| 5 | | L2?P_PDUr | TrI (P_CPG_R1 (CIC_VAL,1)) | | |
| 6 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R (CIC_VAL)) | (P) | |
| 7 | | ?TIMEOUT TWAIT | | (I) | |
| 8 | | + PO_SR_2 | | | |
| 9 | | L2?P_PDUr CANCEL TWAIT | TrI (P_ANM_R (CIC_VAL)) | (P) | |
| 10 | | ?TIMEOUT TWAIT | | (I) | |
| 11 | | + PO_SR_2 | | | |
| 12 | | ?TIMEOUT TWAIT | | (I) | |
| 13 | | + PO_SR_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N25_2
**Group** : ISUP_Step/
**Objective** : Bring IUT to the DSS1 call state N25.
**Default** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N06_2 | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PO_SR_2
**Group** : ISUP_Step/
**Objective** : To release the call. Send the RELEASE message.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | L2! P_PDUs START TWAIT | TrR( P_REL_S (CIC_VAL)) | | |
| 2 | | L2? P_PDUr CANCEL TWAIT | TrI(P_RLC_R (CIC_VAL)) | | |
| 3 | | ?TIMEOUT TWAIT | | (I) | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PO_RR_2
**Group** : ISUP_Step/
**Objective** : To release the call. Receive the RELEASE message.
**Default** : OtherwiseFail_2
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | START TWAIT | | | |
| 2 | | L2? P_PDUr CANCEL TWAIT | TrI(P_REL_R (CIC_VAL)) | | |
| 3 | | L2! P_PDUs | TrR( P_RLC_S (CIC_VAL)) | | |
| 4 | | ?TIMEOUT TWAIT | | (I) | |
| 5 | | L2! P_PDUs | TrR( P_RLC_S (CIC_VAL)) | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PTC2_SYNC
**Group** : ISUP_Step/
**Objective** : Syncronise interface 2 (ISUP) with MTC (and indirectly with interface 1 (ISDN))
**Default** : OtherwiseFail_2
**Comments** : Sends a READY CM to MTC and waits for one in response

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | CPA2!CP_M | RDY | | |
| 2 | | CPA2?CP_M | RDY | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_N00_MTC
**Group** : MTC_Step/
**Objective** : To start the testcase guard timer T_GUARD
**Default** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | START T_GUARD | | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_OUT_MTC
**Group** : MTC_Step/
**Objective** : MTC preamble for outgoing calls
**Default** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N00_MTC | | | |
| 2 | | +PTC_Ready | | | |
| 3 | | CPA1!CP_M | S_MSG | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PR_IN_MTC
**Group** : MTC_Step/
**Objective** : MTC preamble for incoming calls
**Default** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | +PR_N00_MTC | | | |
| 2 | | +PTC_Ready | | | |
| 3 | | CPA2!CP_M | S_MSG | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : MTC_SYNC
**Group** : MTC_Step/
**Objective** : MTC synchronises both sides ISDN and ISUP
**Default** :
**Comments** : Waits for a READY CM from each PTC and then sends one to each PTC.

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | START TWAIT | | | |
| 2 | | CPA1?CP_M | RDY | | |
| 3 | | CPA2?CP_M CANCEL TWAIT | RDY | | |
| 4 | | CPA1!CP_M | RDY | | |
| 5 | | CPA2!CP_M | RDY | | |
| 6 | | ?TIMEOUT TWAIT | | (F) | |
| 7 | | CPA1!CP_M | STOP_PTC | | |
| 8 | | CPA2!CP_M | STOP_PTC | | |
| 9 | | CPA2?CP_M | RDY | | |
| 10 | | CPA1?CP_M CANCEL TWAIT | RDY | | |
| 11 | | CPA1!CP_M | RDY | | |
| 12 | | CPA2!CP_M | RDY | | |
| 13 | | ?TIMEOUT TWAIT | | (F) | |
| 14 | | CPA1!CP_M | STOP_PTC | | |
| 15 | | CPA2!CP_M | STOP_PTC | | |
| 16 | | ?TIMEOUT TWAIT | | (F) | |
| 17 | | CPA1!CP_M | STOP_PTC | | |
| 18 | | CPA2!CP_M | STOP_PTC | | |

**Detailed Comments** :

## Test Step Dynamic Behaviour

**Test Step Name** : PTC_Ready
**Group** : PTC_Step/
**Objective** :
**Default** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | START TWAIT | | | |
| 2 | | CPA1?CP_M | RDY | | |
| 3 | | CPA2?CP_M CANCEL TWAIT | RDY | | |
| 4 | | ?TIMEOUT TWAIT | | I | |
| 5 | | CPA2?CP_M | RDY | | |
| 6 | | CPA1?CP_M CANCEL TWAIT | RDY | | |
| 7 | | ?TIMEOUT TWAIT | | I | |
| 8 | | ?TIMEOUT TWAIT | | I | |

**Detailed Comments** :

## Default Dynamic Behaviour

**Default Name** : OtherwiseFail
**Group** :
**Objective** : Default behaviour for the MTC
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | ?TIMEOUT T_GUARD | | (I) | no response |
| 2 | | START TAC | | | |
| 3 | | ?DONE(PTC1) START TAC | | | (1) |
| 4 | | ?DONE(PTC2) CANCEL TAC | | R | (1) |
| 5 | | ?TIMEOUT TAC | | | no response |
| 6 | | CPA2!CP_M START TWAIT | STOP_PTC | | (2) |
| 7 | | ?DONE(PTC2) CANCEL TWAIT | | R | (1) |
| 8 | | ?TIMEOUT TWAIT | | R | no response |
| 9 | | ?DONE(PTC2) START TAC | | | (1) |
| 10 | | ?DONE(PTC1) CANCEL TAC | | R | (1) |
| 11 | | ?TIMEOUT TAC | | | no response |
| 12 | | CPA1!CP_M START TWAIT | STOP_PTC | | (2) |
| 13 | | ?DONE(PTC1) CANCEL TWAIT | | R | (1) |
| 14 | | ?TIMEOUT TWAIT | | R | no response |
| 15 | | ?TIMEOUT TAC | | | no response |
| 16 | | CPA1!CP_M | STOP_PTC | | (2) |
| 17 | | CPA2!CP_M START TWAIT | STOP_PTC | | (2) |
| 18 | | ?DONE(PTC2) | | | (1) |
| 19 | | ?DONE(PTC1) CANCEL TWAIT | | R | (1) |
| 20 | | ?TIMEOUT TWAIT | | R | no response |
| 21 | | ?DONE(PTC1) | | | (1) |
| 22 | | ?DONE(PTC2) CANCEL TWAIT | | R | (1) |
| 23 | | ?TIMEOUT TWAIT | | R | no response |
| 24 | | ?TIMEOUT TWAIT | | R | no response |

**Detailed Comments** : (1) All procedures at PTC have finished their activity.
(2) This coordination message indicates to PTC to terminate all actions.

## Default Dynamic Behaviour

**Default Name** : OtherwiseFail_1 (FL:INTEGER)
**Group** :
**Objective** : Default subtree for all test cases.
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | L1?DL_REL_IN | | I | DL failure |
| 2 | | L1?DL_EST_IN | | (I) | DL reset |
| 3 | | +RELEASE_CALL(FL) | | | (1) |
| 4 | | L1?PDUr | Mr(RL_R1((FL+1)MOD 2,CREF)) | (F) | |
| 5 | | L1!PDUs | Ms(RC_S1(FL,CREF)) | R | |
| 6 | | L1?PDUr | Mr(HR_R1((FL+1)MOD 2,CREF)) | (F) | HOLD REJECT |
| 7 | | +RELEASE_CALL(FL) | | | (1) |
| 8 | | L1?PDUr | Mr(RTR_R1((FL+1)MOD 2,CREF)) | (F) | RETRIEVE REJECT |
| 9 | | +RELEASE_CALL(FL) | | | (1) |
| 10 | | +IGNORE_MESSAGES(FL) | | | (2) |
| 11 | | RETURN | | | (3) |
| 12 | | L1?SETUPr [PC_PT_PT] (CREF := DL_DAT_IN_SETUP.mun.cr.cr_r) | Sr(SU_R1) | | |
| 13 | | L1!PDUs | Ms(RC_S1(1,CREF)) | F | |
| 14 | | L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) | SBr(SU_R1) | | |
| 15 | | L1!PDUs | Ms(RC_S1(1,CREF)) | F | |
| 16 | | L1?OTHERWISE | | (F) | (4) |
| 17 | | +RELEASE_CALL(FL) | | | (1) |
| 18 | | ?TIMEOUT | | (F) | |
| 19 | | +RELEASE_CALL(FL) | | | (1) |
| 20 | | CPA1?CP_M | STOP_PTC | | |
| 21 | | +RELEASE_CALL(FL) | | | (1) |
| | | IGNORE_MESSAGES(FL: INTEGER) | | | |
| 22 | | L1?PDUr | Mr(PG_R(1,CREF)) | | ignore |
| 23 | | L1?PDUr | Mr(CA_R1(0,CREF)) | | ignore |
| 24 | | L1?PDUr | Mr(IN_R((FL+1)MOD 2,CREF)) | | ignore |
| 25 | | L1?PDUr | Mr(NO_R1((FL+1)MOD 2,CREF)) | | ignore |
| 26 | | L1?PDUr | Mr(SQ_R1((FL+1)MOD 2,CREF)) | | ignore |
| 27 | | L1?PDUr | Mr(ST_R1(0,CREF)) | | ignore |
| 28 | | L1?PDUr | Mr(GFP_R1((FL+1)MOD 2,CREF)) | | ignore |
| | | RELEASE_CALL(FL: INTEGER) | | | |
| 29 | | L1!PDUs START TAC | Ms(RL_S1(FL,CREF,16)) | | (5) |
| 30 | L1 | L1?PDUr CANCEL TAC | Mr(RC_R1((FL+1)MOD 2,CREF)) | R | (6) |
| 31 | | ?TIMEOUT TAC | | R | no response |
| 32 | | +IGNORE_MESSAGES(FL) | | | (2) |
| 33 | | GOTO L1 | | | |
| 34 | | L1?OTHERWISE | | R | (4) |

**Detailed Comments** : (1) Subtree to release the call.
(2) Subtree to filter the receipt of certain messages.
(3) Return to the test body.
(4) An invalid event occurred.
(5) A valid RELEASE message with cause #16 is sent.
(6) A RELEASE COMPLETE message is received from the IUT.

## Default Dynamic Behaviour

**Default Name** : OtherwiseFail_1_THREE
**Group** :
**Objective** : Default subtree for all test cases with two existing calls.
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | L1?DL_REL_IN | | I | DL failure |
| 2 | | L1?DL_EST_IN | | (I) | DL reset |
| 3 | | +RELEASE_CALLS | | | (1) |
| 4 | | L1?PDUr | Mr(CA_R1(0,CREF2)) | | ignore |
| 5 | | RETURN | | | (3) |
| 6 | | L1?SETUPr [PC_PT_PT] (CREF3 := DL_DAT_IN_SETUP.mun.cr.cr_r) | Sr(SU_R1) | (F) | |
| 7 | | +RELEASE_CALLS | | | (1) |
| 8 | | L1?SETUP_BROADCASTr [PC_MPT] (CREF := DL_UDAT_IN_SETUP.mun.cr.cr_r) | SBr(SU_R1) | (F) | |
| 9 | | +RELEASE_CALLS | | | (1) |
| 10 | | L1?OTHERWISE | | (F) | (4) |
| 11 | | +RELEASE_CALLS | | | (1) |
| 12 | | ?TIMEOUT | | (F) | |
| 13 | | +RELEASE_CALLS | | | (1) |
| 14 | | CPA1?CP_M | STOP_PTC | | |
| 15 | | +RELEASE_CALLS | | | (1) |
| | | RELEASE_CALLS | | | |
| 16 | | [CREF3_ACTIVE] | | | |
| 17 | | L1!PDUs START TAC | Ms(RL_S1(1,CREF3,16)) | | (6) |
| 18 | | L1?PDUr CANCEL TAC | Mr(RC_R1(0,CREF3)) | | (7) |
| 19 | | +RELEASE_CREF_CREF2 | | | |
| 20 | | ?TIMEOUT TAC | | | no response |
| 21 | | +RELEASE_CREF_CREF2 | | | |
| 22 | | L1?OTHERWISE | | F | (4) |
| 23 | | [NOT CREF3_ACTIVE] | | | |
| | | RELEASE_CREF_CREF2 | | | |
| 24 | | L1!PDUs START TAC | Ms(RL_S1(0,CREF,16)) | | |
| 25 | | REPEAT RELEASE_CREFS UNTIL [(NOT CREF1_ACTIVE) AND (NOT CREF2_ACTIVE)] | | | |
| 26 | | CANCEL TAC | | | |
| 27 | | [TRUE] | | R | |
| | | RELEASE_CREFS | | | |
| 28 | | L1?PDUr (CREF1_ACTIVE := FALSE) | Mr(RC_R1(1,CREF)) | | |
| 29 | | L1?PDUr START TAC | Mr(DI_R1(0,CREF2)) | | |
| 30 | | L1!PDUs | Ms(RL_S1(1,CREF2,16)) | | |
| 31 | | L1?PDUr (CREF2_ACTIVE := FALSE) | Mr(RC_R1(0,CREF2)) | | |
| 32 | | L1?PDUr | Mr(RL_R1( 0,CREF2)) | | |
| 33 | | L1!PDUs (CREF2_ACTIVE := FALSE) | Ms(RC_S1(1,CREF2)) | | |
| 34 | | ?TIMEOUT TAC | | F | no response |
| 35 | | L1?OTHERWISE | | F | |

**Detailed Comments** : (1) Subtree to release the call.
(2) Subtree to filter the receipt of certain messages.
(3) Return to the test body.
(4) An invalid event occurred.
(5) A valid RELEASE COMPLETE message is sent.
(6) A valid RELEASE message with cause #16 is sent.
(7) A RELEASE COMPLETE message is received from the IUT.

## Default Dynamic Behaviour

**Default Name** : OtherwiseFail_2
**Group** :
**Objective** :
**Comments** :

| Nr | Label | Behaviour Description | Constraints Ref | Verdict | Comments |
|---|---|---|---|---|---|
| 1 | | L2?P_PDUr | TrI (P_ACM_R12 (CIC_VAL)) | | (1) |
| 2 | | RETURN | | | |
| 3 | | L2? P_PDUr | TrI(P_REL_R(CIC_VAL)) | | |
| 4 | | L2! P_PDUs | TrR(P_RLC_S(CIC_VAL)) | F | |
| 5 | | L2? P_PDUr | TrI(P_RSC_R(CIC_VAL)) | (F) | |
| 6 | | L2! P_PDUs | TrR(P_RLC_S(CIC_VAL)) | | |
| 7 | | L2! P_PDUs | TrR(P_RSC_S(CIC_VAL)) | | |
| 8 | | +RLC_or_BLO | | | |
| 9 | | L2? P_IAMr (CIC_VAL:=IAM_IND.isup_pdu.CICode.CIC) | IrI(P_IAM_R) | (F) | |
| 10 | | L2! P_PDUs START TAC | TrR( P_REL_S (CIC_VAL)) | | |
| 11 | | L2? P_PDUr CANCEL TAC | TrI(P_RLC_R ( CIC_VAL)) | R | |
| 12 | | ?TIMEOUT TAC | | (F) | |
| 13 | | L2! P_PDUs | TrR(P_RSC_S(CIC_VAL)) | | |
| 14 | | +RLC_or_BLO | | | |
| 15 | | L2?OTHERWISE | | (F) | |
| 16 | | L2! P_PDUs | TrR(P_RSC_S (CIC_VAL)) | | |
| 17 | | +RLC_or_BLO | | | |
| 18 | | CPA2?CP_M | STOP_PTC | | |
| 19 | | L2! P_PDUs | TrR(P_RSC_S (CIC_VAL)) | | |
| 20 | | +RLC_or_BLO | | | |
| | | RLC_or_BLO | | | |
| 21 | | START TWAIT | | | |
| 22 | | L2? P_PDUr CANCEL TWAIT | TrI(P_RLC_R(CIC_VAL)) | R | (2) |
| 23 | | ?TIMEOUT TWAIT | | F | |
| 24 | | L2?OTHERWISE | | F | |

**Detailed Comments** : (1) ACM with CPS ind: "no indication", ISUP ind: "ISUP used all the way", ISDN access ind: "ISDN" . The message is filtered.
(2) Timer TWAIT is used to prevent an infinite loop if the RLC is not received.