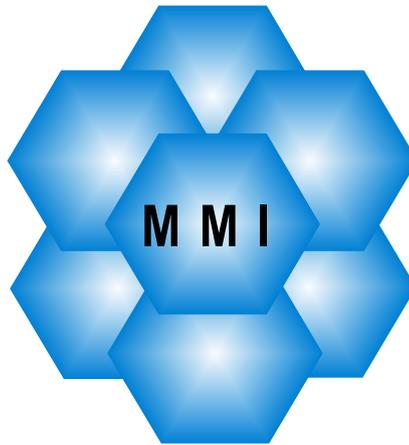


## GSM/GPRS Protocol Stack



## MMI Framework – Test Specification Test Control Language Script for the MMI

**Author:** Condat UK Ltd  
38 Melville Street  
Edinburgh  
Scotland

**Date:** 09-October-2003  
**ID:** 8415.xxx.00.001  
MFW.DOC

Condat UK Proprietary Information  
NDA - Confidential  
Do Not Copy

## Table of Contents

<b>0</b>	<b>Document Control.....</b>	<b>8</b>
0.1	Document History.....	8
0.2	References .....	8
<b>1</b>	<b>Introduction.....</b>	<b>10</b>
1.1	Abbreviations.....	11
1.2	Terms .....	14
<b>2</b>	<b>Protocol Stack.....</b>	<b>15</b>
2.1	GRR (RLC/MAC) – Radio Link Control/Medium Access Control .....	15
2.2	LLC – Logical Link Control.....	15
2.3	GMM – GPRS Mobility Management.....	16
2.4	SM – Session Management .....	16
2.5	SNDCP - Subnetwork Dependant Convergence Protocol .....	16
2.6	GACI – GPRS Application Control Interface .....	16
2.7	USART - Universal Synchronous Asynchronous Receiver Transmitter Driver .....	16
2.8	TOM – Tunnelling of Messages.....	16
2.9	Protocol Stack Entities .....	16
2.10	Test Script description.....	18
I/F with Entities.....		18
<b>3</b>	<b>Parameters .....</b>	<b>20</b>
<b>4</b>	<b>TEST CASES .....</b>	<b>107</b>
<b>4.1</b>	<b>Routing (internal).....</b>	<b>107</b>
4.1.1	MFW001: Setup the Routing and the PCO view for the MMI test. The CC configuration and SIM activation signals are output.	107
<b>4.2</b>	<b>MMI Component Tests - case : Power On Sequences.....</b>	<b>108</b>
4.2.1	MFW010: Power on Sequence, ME to Idle State, no PIN required .....	108
4.2.2	MFW011: Power On Sequence ME to Idle state, no PIN required. Combined IMSI/GPRS Attach. ....	111
4.2.3	MFW012: Power on Sequence. ME to Idle state, no PIN required, Limited Service. ....	113
4.2.4	MFW014: Power on Sequence. ME to Idle state, no PIN required. Automatic registration and Attachment follows. ....	115
4.2.5	MFW015: Power On Sequence. ME to Idle State, No PIN required. Automatic registration and Attachment follows. ....	118
4.2.6	MFW016: Power on Sequence, ME to Idle State, No PIN required.....	120
4.2.7	MFW018: Power On Sequence. Initialise the UART and flush any data. ....	121
4.2.8	MFW020: Set the Date .....	121
4.2.9	MFW022: For test of Xpanel.....	123
4.2.10	MFW024: Power on Sequence, enter PIN required. ME to Idle State. ....	125
4.2.11	MFW026: Power on Sequence. No SIM card. Limited mode. Emergency Call. ....	128
4.2.12	MFW028: Power on Sequence. No SIM card. No Service. ....	130
4.2.13	MFW030: Power On Sequence, Invalid PIN, entering more than 3 digits , delete and emergency call .....	132
4.2.14	MFW032: Power On Sequence, No SIM card, error in emergency call, delete and emergency call .....	134
4.2.15	MFW034: Power On Sequence, Blocked SIM card, limited mode, emergency call .....	136
4.2.16	MFW036: Power On Sequence, Blocked SIM Card, enter PUK1 code.....	139
4.2.17	MFW038: Power On Sequence: PIN disabled, sim unlock(all checks), IdleScreen with clock. ....	143
4.2.18	MFW040: Power On Sequence with PIN entering and sim unlock.....	145
4.2.19	MFW042: MO call setup, followed by removal of the SIM card. ....	148
<b>4.3</b>	<b>MMI Component Tests - case : Pin Entering from Power On.....</b>	<b>149</b>
4.3.1	MFW050: Power on the ME. PIN required. This will be the initial preamble for PIN entering tests. ....	149
4.3.2	MFW052: PIN entering from Power On, enter 4 digits, successfull .....	150
4.3.3	MFW054: PIN entering from Power On , clear with long press, 4 digits. ....	153
4.3.4	MFW056: PIN entering from Power On and clearing several times. 8 digits. ....	156
4.3.5	MFW058: PIN entering from Power On and clear all entered digits. 8 digits. ....	159
4.3.6	MFW060: PIN entering from Power On, clear if nothing to clear and wrong keys. ....	162
4.3.7	MFW062: PIN entering from Power On, wrong digit during entering.....	165
4.3.8	MFW064: PIN entering from Power On, END and MENU UP keys during entering. ....	168



4.3.9	MFW066: PIN entering from Power On, enter digits. Successful, enter extraneous digit afterwards. Correctly ignored.	171
4.3.10	MFW068: PIN entering from Power On, enter digits with delay while entering. ....	173
4.3.11	MFW070: PIN entering from Power On, error in PIN, abort information screen, followed by correct PIN. ...	174
4.3.12	MFW072: PIN entering from Power On via GSM command string, unsuccessful gsm code change. Test Fails.	177
4.3.13	MFW074: PUK entering from Power On via GSM command string, unsuccessful GSM code change. Test Fails.	180
<b>4.4</b>	<b>MMI Component Tests - case : PUK entering from Power On</b> .....	<b>183</b>
4.4.1	MFW100: PIN entering from Power On, repeated failures on verification, initial case for PUK .....	183
4.4.2	MFW102: PUK entering from Power On, enter the PUK. Successful case. ....	184
4.4.3	MFW104: PUK entering from Power On, PIN verification, new PIN is different .....	187
4.4.4	MFW106: PUK entering from Power On, error in PUK, re-input the correct PUK. ....	190
4.4.5	MFW108: PUK entering from Power On, wrong digit, clear, wrong digit, long pressed clear. Correct PUK.	194
4.4.6	MFW110: PUK entering from Power On, wrong digit, clear, wrong digit, End key. Correct PUK. ....	197
4.4.7	MFW112: PUK entering from Power On, Emergency call setup. ....	200
<b>4.5</b>	<b>MMI Component Tests - case : Main Menu, Security, Pin1 codes</b> .....	<b>202</b>
4.5.1	MFW150: Main Menu, Security, Pin code: PIN changed, successful, .....	202
4.5.2	MFW152: Main Menu, Security, PIN, Change, enter old Pin code, abort, back to Idle .....	204
4.5.3	MFW154: Main Menu, Security, PIN, Change, enter Pin code, error in new pin, correct new pin. ....	206
4.5.4	MFW156: Main Menu, Security, PIN, Change, Pin code, wrong pin, wrong lhs. Change PIN. ....	209
4.5.5	MFW158: Main Menu, Security, PIN, Change, Pin code, new Pin again: abort clear .....	212
4.5.6	MFW160: Main Menu, Security, PIN2, PIN 2 changed, with long delay while entering. ....	214
4.5.7	MFW162: Main Menu, Security, PIN enabled by default, Pin, Pin disabled. ....	216
4.5.8	MFW164: Main Menu, Change PIN by GSM command string **04* .....	219
4.5.9	MFW166: Main Menu, Security, PIN, PIN changed via GSM code, 1 <sup>st</sup> attempt fail, 2 <sup>nd</sup> success. ....	221
4.5.10	MFW168: Main Menu, Security, Pin2, PIN2 changed via GSM code, successfull (Pin enabled) .....	224
4.5.11	MFW170: Main Menu, Security, PIN, Change PIN by GSM command string, twice in a row. ....	226
4.5.12	MFW172: Main Menu, Change PIN by GSM command string, error in code. Re enter code. ....	229
4.5.13	MFW174: Main Menu, Change PIN, Error 3 times in entry, so the PUK is entered by gsm code. ....	232
4.5.14	MFW176: Main Menu, Change PIN, 3 times error in input, error in PUK GSM code, correct PUK. ....	234
4.5.15	MFW178: PIN Deactivated. Main Menu, Security, PIN, Activate, Deactivate, Activate in sequence. ....	238
4.5.16	MFW180: PIN enabled, enter emergency call and successfull pin entering. Test fails. ....	242
4.5.17	MFW182: PIN disabled. Main menu, Security, Activate, PIN. unsuccessful, re-try with correct PIN. ....	245
4.5.18	MFW184: PIN disabled. Power On Sequence Main menu, Security, PIN, Activate. Not successful, Delete. ....	247
4.5.19	MFW186: PIN enabled. Activate PIN. Advisory message is displayed. ....	248
4.5.20	MFW188: Power On Sequence Main Menu, Security, Pin, Activate, unsuccessful PIN enabled 3 times. PUK code.	249
4.5.21	MFW190: Default PIN disabled. Power On Sequence Main Menu, Security, Pin, Activate failed GSM command string, then manually enter. ....	252
4.5.22	MFW192: . Power On Sequence Main Menu, Security, PIN, Deactivate, enter PIN, wrong PIN then correct PIN.	254
4.5.23	MFW194: PIN enabled by default. Power On Sequence, Main menu, Security, Pin, Deactivate, failure and back to IdleScreen. ....	255
4.5.24	MFW196: PIN enabled by default. Power On Sequence, Main Menu, Security, Pin, Deactivate, enter by GSM code(error), then correctly. ....	257
4.5.25	MFW198: PIN disabled by default. Power On Sequence Main Menu, Security, Pin, Deactivate, no pin needed for disable. ....	259
<b>4.6</b>	<b>MMI Component Tests - case : Main Menu, Security, Pin2 codes</b> .....	<b>260</b>
4.6.1	MFW250: Main Menu, Security, Pin2, enter, with time out while entering, successful .....	260
4.6.2	MFW252: Main Menu, Security, Pin2, confirm PIN 2 entry in error, then successful .....	262
4.6.3	MFW254: Main Menu, Security, Pin2, enter old PIN 2, then clear and abort back. ....	265
4.6.4	MFW256: Main Menu, Security, PIN2, PIN2 changed, wrong new pin and wrong key left .....	267
4.6.5	MFW258: Main Menu, Security, PIN2, PIN2 changed, correct new pin and abort .....	270
4.6.6	MFW260: Main Menu, Security, PIN2, error in old PIN2, retry, new PIN2, confirm PIN2. ....	271
4.6.7	MFW262: Main Menu, Security, PIN2, twice error in old PIN2, new PIN2, confirm PIN2. ....	274
4.6.8	MFW264: Main Menu, Security, PIN2, repeated errors in old PIN2, PUK2 code entered. ....	277
4.6.9	MFW266: Main Menu, Security, PIN2, repeated errors in old PIN2, error in PUK2, re-enter.PUK2. ....	281
4.6.10	MFW268: Main Menu, Security, PIN2, repeated errors in old PIN2, PUK2 code entered via GSM string....	282



<b>4.7</b>	<b>MMI Component Tests - case : Main Menu, Phone Settings, Date and Time</b> .....	<b>287</b>
4.7.1	MFW300: Main Menu, Phone Settings, Clock, Time/Date, enter date and time successfully and back to idle screen. ....	287
4.7.2	MFW302: Main Menu, Phone Settings, Clock, Time/Date, enter incorrect date and time, then correct .....	289
4.7.3	MFW304: Main Menu, Phone Settings, Clock, Time/Date, enter date and time clearing both times. ....	291
4.7.4	MFW306: Main Menu, Phone Settings, Clock, Time/Date, enter date, long press clear; without time entering. ....	293
<b>4.8</b>	<b>MMI Component Tests - case : Power Down Sequence</b> .....	<b>294</b>
4.8.1	MFW350: Power Down Sequence from the IdleScreen (No PIN required), power down key .....	294
4.8.2	MFW352: Power up Sequence from idle when entering PIN, Power down key .....	295
4.8.3	MFW354: Power up Sequence from idle when entering an emergency number, Power down key. ....	296
4.8.4	MFW356: Power Down Sequence from the IdleScreen, Power up, Power down, Power up. Test Fails. ....	297
4.8.5	MFW358: Power Down Sequence from the WelcomeScreen, power down key. ....	299
4.8.6	MFW360: Power Down sequence. Remove SIM, Power Down. ....	300
<b>4.9</b>	<b>MMI Component Tests - case : Main Menu, Security, Fixed Names</b> .....	<b>301</b>
4.9.1	MFW380: Main Menu, Security, Fixed Names, Activate with time out while entering, successful .....	301
4.9.2	MFW382: Main Menu, Security, Activate Fixed Names, during entry LHS and CLEAR .....	303
4.9.3	MFW384: Main Menu, Security, Activate Fixed Names, 2 wrong PIN2 entries, followed by correct PIN2. ....	305
4.9.4	MFW386: Main Menu, Security, Activate Fixed Names, 3 wrong PIN2 entries, followed by PUK2. ....	308
4.9.5	MFW388: After correct PUK2 code has been entered, then activate SIM. ....	311
4.9.6	MFW390: After incorrect PUK2 code has been entered, re-enter PUK2 correctly then activate SIM. ....	312
4.9.7	MFW392: After incorrect PUK2 code has been entered, re-enter PUK2 correctly but wrong PIN 1, re-enter. ....	314
4.9.8	MFW394: After incorrect PUK2 code has been entered, abort during re-entry of PUK2. ....	316
4.9.9	MFW396: Main Menu, Security, Fixed Names, Deactivate. ....	317
4.9.10	MFW398: Main Menu, Security, Fixed Names, Deactivate, Abort and Deactivate. ....	318
4.9.11	MFW400: Main Menu, Security, Deactivate Fixed Names, 3 wrong PIN2 entries, followed by PUK2. ....	320
4.9.12	MFW402: After correct PUK2 code has been entered, then Deactivate FDN. ....	324
4.9.13	MFW404: After incorrect PUK2 code has been entered, re-enter PUK2 correctly. Deactivate FDN. ....	325
4.9.14	MFW406: Main Menu, Security, Fixed Names, Activate then Deactivate. ....	326
<b>4.10</b>	<b>MMI Component Tests - case: Main Menu, Names, Phonebook</b> .....	<b>329</b>
4.10.1	MFW430: Power On Sequence with Phonebook(ADN enabled). ....	329
4.10.2	MFW432: Power On Sequence with Phonebook(FDN enabled). ....	335
4.10.3	MFW440: FDN Enabled make Mobile Originated Call when call is in the FDN. ....	340
4.10.4	MFW442: FDN Enabled make Mobile Originated Call when call is not in the FDN. ....	342
4.10.5	MFW444: FDN Enabled make Emergency Call when call is not in the FDN. ....	342
4.10.6	MFW450: From the Idle Screen, Names, Add new Entry into the Phonebook. ....	344
4.10.7	MFW452: From Idle, Search for a name in the Phonebook, and Call. ....	346
4.10.8	MFW454: From Idle, Search for a name in the Phonebook, and Delete. ....	348
4.10.9	MFW456: From Idle, Search for a name in the Phonebook, and Change. ....	349
4.10.10	MFW458: From Main menu, Update the Call Centre and Validity period, ready for SMS. Make MO Call. ....	350
4.10.11	MFW460: From Idle, Names, Display Memory Stat .....	353
4.10.12	MFW462: From Idle, Names, Set the Phonebook to SIM then Phone .....	354
4.10.13	MFW464: From Idle, Search for a name in the Phonebook, and Copy entry to SIM. ....	354
4.10.14	MFW466: From Idle, Search for a name in the Phonebook, Send Message. ....	355
4.10.15	MFW468: From Idle, Names, Service Number .....	358
4.10.16	MFW470: From Idle, Names, Change My Number .....	358
4.10.17	MFW472: From Idle, Search for a name in the Phonebook, and Move entry to SIM. ....	360
<b>4.11</b>	<b>MMI Component Tests case : Main Menu, Network Services, Activate Call Waiting</b> .....	<b>361</b>
4.11.1	MFW490: From Main menu, Network services, Set Call Waiting Enabled, ready for Call Processing tests. ....	361
<b>4.12</b>	<b>MMI Component Tests - case : MO Call Processing</b> .....	<b>362</b>
4.12.1	MFW500: Mobile Originated Call. ....	362
4.12.2	MFW502: End a Mobile Originated Call. ....	364
4.12.3	MFW504: Hold and Retrieve a Mobile Originated Call. ....	365
4.12.4	MFW506: Hold failure for a Mobile Originated Call, followed by Hold and retrieve. ....	366
4.12.5	MFW508: MO call terminated by remote disconnection. ....	367
<b>4.13</b>	<b>MMI Component Tests - case : MT Call Processing</b> .....	<b>368</b>
4.13.1	MFW510: Mobile Terminated call setup, Voice .....	368
4.13.2	MFW511: Mobile Terminated call Setup, Data .....	369
4.13.3	MFW512: Mobile Terminated call Setup, FAX .....	372



4.13.4	MFW513: End of Mobile Terminated Call. ....	374
<b>4.14</b>	<b>MMI Component Tests - case : MO / MT Call Processing.....</b>	<b>375</b>
4.14.1	MFW514: MO Call followed by a MT Call, first call put on Hold. ....	375
4.14.2	MFW516: Using the Send Key, Swap the two calls twice so that the MT call is active and the MO call is held. ....	377
4.14.3	MFW518: In Call Menu, Swap the two calls twice so that the MT call is active and the MO call is held. ....	378
4.14.4	MFW520: When in-call, initiate a 2 <sup>nd</sup> call using DTMF tones. ....	380
4.14.5	MFW522: End the MT call, In Call Menu, Hold, Activate the held call. ....	383
4.14.6	MFW524: Reject a MT call, followed by a MO call. ....	384
4.14.7	MFW526: Missed calls in Idle mode. ....	386
4.14.8	MFW528: An MT call is rejected. ....	388
4.14.9	MFW530: In Call Menu, End both calls. ....	390
4.14.10	MFW532: MO Emergency Call. ....	391
4.14.11	MFW534: Cancel a MO call during Setup. ....	392
4.14.12	MFW536: Call Independent Supplementary Services, Register for Forward All Calls. ....	394
<b>4.15</b>	<b>MMI Component Tests case : In Call Menu.....</b>	<b>396</b>
4.15.1	MFW538: In Call Menu, make a 2 <sup>nd</sup> call from the Phonebook. ....	396
4.15.2	MFW540: In Call Menu, End all calls. ....	398
4.15.3	MFW541: In Call Menu, During an active call, send a text message. End the Call. ....	399
4.15.4	MFW542: In Call Menu, MO call held, MT call active, send a text message. ....	400
<b>4.16</b>	<b>MMI Component Tests case : Missed Calls .....</b>	<b>403</b>
4.16.1	MFW544: Make a call from the missed call list – Main Menu, Recent Calls, Missed Calls.....	403
4.16.2	MFW546: Make a call from the missed call list. Left Key to display number, Send to initiate Call. ....	404
4.16.3	MFW547: From Main Menu, Recent Calls, Missed Calls, store callers number then send SMS text message. ....	405
<b>4.17</b>	<b>MMI Component Tests case : Main Menu, Messages, Voicemail, Set Voicemail .....</b>	<b>410</b>
4.17.1	MFW548: Set the Voicemail options (number), then call Voice mail. ....	410
4.17.2	MFW550: Call Voicemail using the “1” key. ....	412
<b>4.18</b>	<b>Mmi Component Tests case : Main Menu, Phone Settings, set Auto Redial On .....</b>	<b>413</b>
4.18.1	MFW552: Set the Auto Redial On . ....	413
4.18.2	MFW554: Auto Redial when called party is busy. ....	415
4.18.3	MFW556: Override Auto Redial by calling immediately, then Cancel re-dial. ....	418
4.18.4	MFW558: During a call, increase / decrease the Volume. ....	420
<b>4.19</b>	<b>MMI Component Tests case : Main Menu, Phone Settings, Set Any Key Answer On .....</b>	<b>421</b>
4.19.1	MFW560: Set the Any Key Answer On. Accept a MT call by any key. ....	421
<b>4.20</b>	<b>MMI Component Tests case : Conference Call.....</b>	<b>423</b>
4.20.1	MFW562: Start a Multiparty Call from the in-calls option Menu, then Split into a private call. Finally Retrieve the call. ....	423
<b>4.21</b>	<b>MMI Component Tests case : Advice of Charge .....</b>	<b>426</b>
4.21.1	MFW564: Mobile Originated Call with Forward Advice of Charge Information .....	426
<b>4.22</b>	<b>MMI Component Tests case : Main Menu, Phone Settings, set Auto Answer On .....</b>	<b>428</b>
4.22.1	MFW566: Set the Auto Answer On. Incoming MT call is connected. ....	428
4.22.2	MFW568: Main Menu, Phone Settings, Change the Language.....	431
<b>4.23</b>	<b>MMI Component Tests case : Keypad Lock.....</b>	<b>432</b>
4.23.1	MFW570: Keypad Locked, make an Emergency Call .....	432
4.23.2	MFW572: Keypad Locked, make a MO Call. ....	433
<b>4.24</b>	<b>MMI Component Tests - case : GSM Command Strings. Supplementary services: Call Divert. ....</b>	<b>434</b>
4.24.1	MFW580: SS GSM Command String, enter string to Call Forward(Diversion) All Calls. ....	434
4.24.2	MFW582: SS GSM Command String, enter string to Call Forward(Diversion) If Busy. ....	435
4.24.3	MFW584: SS GSM Command String, enter string to Call Forward(Diversion) If No Reply. ....	435
4.24.4	MFW586: SS GSM Command String, enter string to Call Forward(Diversion) If Not Reachable. ....	436
4.24.5	MFW588: SS GSM Command String, enter string to Call Forward(Diversion) All configured call diversions. ....	436
4.24.6	MFW590: SS GSM Command String, enter string to Call Forward(Diversion) All Diverts to be activated. ....	437
4.24.7	MFW592: SS GSM Command String, enter string to Call Forward(Diversion) Unconditionally divert all calls. ....	437
4.24.8	MFW600: SS GSM Command String, Call Forward(Diversion). Enter Diverting number. ....	438
4.24.9	MFW602: SS GSM Command String, Register various Call Forward(Diversions) for Voice. ....	439
4.24.10	MFW650: SS GSM Command String, Register various Call Forward(Diversions) for FAX. ....	440
4.24.11	MFW652: SS GSM Command String, Register various Call Forward(Diversions) for Data. ....	441
4.24.12	MFW654: SS GSM Command String, enter string to De-Register All Calls. ....	443
4.24.13	MFW655: SS GSM Command String, enter string to De-Register All Calls Unconditionally. ....	443



4.24.14	MFW656: SS GSM Command String, enter string to De-Register if Busy.....	444
4.24.15	MFW657: SS GSM Command String, enter string to De-Register if No Reply.....	444
4.24.16	MFW658: SS GSM Command String, enter string to De-Register all Configured calls.....	445
4.24.17	MFW659: SS GSM Command String, enter string to De-Register if Not Reachable.....	445
4.24.18	MFW660: SS GSM Command String, enter string for Voice.....	446
4.24.19	MFW662: SS GSM Command String, enter string for Fax.....	446
4.24.20	MFW664: SS GSM Command String, enter string for Data.....	447
4.24.21	MFW666: SS GSM Command String, De-register various Call Forward(Diversions) for Voice, FAX and Data. 448	
4.24.22	MFW604: SS GSM Command String, Register and Activate Call Forward(Diversion) for Voice, Fax and Data. 450	
4.24.23	MFW606: SS GSM Command String, Deactivate Call Forward(Diversion) for Voice, Fax and Data.....	451
4.24.24	MFW608: SS GSM Command String, Activate Call Forward(Diversion) All Calls.....	452
<b>4.25</b>	<b>MMI Component Tests - case :Main Menu, Network Services, Call Divert.....</b>	<b>453</b>
4.25.1	MFW610: Main Menu; Network services, Divert, All Calls.....	453
4.25.2	MFW611: Main Menu; Network services, Divert, If Busy.....	454
4.25.3	MFW612: Main Menu; Network services, Divert, If No Answer.....	455
4.25.4	MFW613: Main Menu; Network services, Divert, If Not Reachable.....	456
4.25.5	MFW614: Main Menu; Network services, Divert, If No Service.....	457
4.25.6	MFW615: Main Menu; Network services, Call Divert for Voice.....	457
4.25.7	MFW616: Main Menu; Network services, Call Divert for Fax.....	459
4.25.8	MFW617: Main Menu; Network services, Call Divert for Data.....	461
4.25.9	MFW618: Main Menu; Network services, Call Divert for Voice if Not Reachable.....	464
4.25.10	MFW619: Main Menu; Network services, Call Divert for Fax if Not Reachable.....	466
4.25.11	MFW620: Main Menu; Network services, Call Divert for Data if Not Reachable.....	468
4.25.12	MFW621: Main Menu; Network Services, Call Divert De-activation for Voice.....	469
4.25.13	MFW622: Main Menu; Network Services, Call Divert De-activation for Fax.....	471
4.25.14	MFW623: Main Menu; Network Services, Call Divert De-activation for Data.....	472
4.25.15	MFW624: Main Menu; Network Services, Call Divert If Not Reachable De-activation for Voice.....	473
4.25.16	MFW625: Main Menu; Network Services, Call Divert If Not Reachable De-activation for Fax.....	474
4.25.17	MFW626: Main Menu; Network Services, Call Divert If Not Reachable De-activation for Data.....	475
4.25.18	MFW627: Main Menu; Network Services, Call Divert – Cancel All.....	476
4.25.19	MFW628: Main Menu; Network Services, Call Divert Status for Voice.....	477
4.25.20	MFW607: Main Menu; Network Services, Call Divert Status for Fax.....	478
4.25.21	MFW609: Main Menu; Network Services, Call Divert Status for Data.....	479
4.25.22	MFW629: Main Menu; Network services, Status Check, Hide ID Activate, followed by Deactivate. Test fails.	481
<b>4.26</b>	<b>MMI Component Tests - case : Main Menu, Network Services, Call Barring.....</b>	<b>484</b>
4.26.1	MFW630: Main Menu; Network Services, Call Barring.....	484
4.26.2	MFW632: Check the Status of Barring All Outgoing Calls.....	485
4.26.3	MFW633: Check the Status of Barring Outgoing International Calls.....	486
4.26.4	MFW634: Check the Status of Barring Outgoing International except directed to Home PLMN.....	487
4.26.5	MFW635: Check the Status of Barring Incoming Calls.....	488
4.26.6	MFW636: Check the Status of Barring Incoming calls when Roaming outside the Home PLMN.....	489
4.26.7	MFW637: Cancel all Call Barring option.....	490
4.26.8	MFW638: Change Password option.....	491
4.26.9	MFW640: Send Each Call Barring SS option to the network.....	492
<b>4.27</b>	<b>MMI Component Tests - case : Main Menu, Network Services, Call Back.....</b>	<b>493</b>
4.27.1	MFW642: Activate Call Back. Main Menu, Network Services, Call Back, Activate. Test fails.....	493
<b>4.28</b>	<b>MMI Component Tests - case : Main Menu, Network Services, Call Waiting.....</b>	<b>494</b>
4.28.1	MFW644: Main Menu, Network Services, Call Waiting, Check Status.....	494
<b>4.29</b>	<b>MMI Component Tests - case : Main Menu, Network Services, Manual Selection.....</b>	<b>495</b>
4.29.1	MFW646: Network Services, Manual Selection and select vodafone D2.....	495
<b>4.30</b>	<b>MMI Component Tests - case : Main Menu, Network Services, Call Deflect.....</b>	<b>496</b>
4.30.1	MFW648: Main Menu, Network Services, Call Deflect, Activate. MT Call Deflected. Test Fails.....	496
<b>4.31</b>	<b>MMI Component Tests - case : Main Menu, Recent Calls.....</b>	<b>499</b>
4.31.1	MFW670: Make a call from the Answered Call List – Main Menu, Recent Calls, Answered Calls.....	499
4.31.2	MFW672: Store a number and send SMS from the Answered Call List – Main Menu, Recent Calls, Answered Calls 500	



4.31.3	MFW674: Delete record from the Answered Call List – Main Menu, Recent Calls, Answered Calls, Delete.	503
4.31.4	MFW676: Make a call from the Outgoing Call List – Main Menu, Recent Calls, Outgoing Calls.	503
4.31.5	MFW678: Store a number and send SMS from the Outgoing Call List – Main Menu, Recent Calls, Outgoing Calls	505
<b>4.32</b>	<b>MMI Component Tests - case : Main Menu, Messages</b>	<b>508</b>
4.32.1	MFW700: Menu, Messages, Activate Concatenation, Setup Call Centre and Validity Period defaults.	508
4.32.2	MFW702: Setup a MO Originated SMS text string from the Messages window, Send. Check for error condition.	510
4.32.3	MFW704: From the Messages Window, write a MO Short Message and save it to the SIM.	512
4.32.4	MFW706: From the Messages Window, store a Short Message to SIM memory, then Send message.	514
4.32.5	MFW708: Setup a maximum length MO Short Message of 160 characters in length.	516
4.32.6	MFW710: Setup a MO Concatenated Short Message of 160 7 bit characters in length.	523
4.32.7	MFW712: Continue Concatenated Short Message of 196 characters in length, which leads to two SM's to the network	529
4.32.8	MFW714: Read the list of Short Messages and then delete all.	533
4.32.9	MFW716: Send an empty MO text message.	534
4.32.10	MFW720: A Class 0 MT Short Message is displayed on the MMI. Afterwards send a MO msg.	535
4.32.11	MFW723: Delete a saved msg. Check for error condition.	537
4.32.12	MFW724: A MT Concatenated Short Message is indicated on the MMI. Read this message and Reply to it.	539
4.32.13	MFW726: A MT Concatenated Short Message is indicated on the MMI. Read this message and call the number.	543
4.32.14	MFW728: A MT Concatenated Short Message is indicated on the MMI. Read this message and extract number.	547
4.32.15	MFW730: A MT Concatenated Short Message is indicated on the MMI. Read this message, edit and Discard.	550
4.32.16	MFW732: A MT Concatenated Short Message is indicated on the MMI. Read this message and Delete.	553
4.32.17	MFW736: Set Voicemail then call Voicemail.	557
4.32.18	MFW740: Activate Cell Broadcast and Read. Start new Broadcast.	559
<b>4.33</b>	<b>MMI Component Tests - case : Main Menu, Phone Settings, GPRS</b>	<b>561</b>
4.33.1	MFW750: GPRS Attach from the Main Menu.	561
4.33.2	MFW752: GPRS Attach from the Main Menu. Attach is rejected by the network.	565
4.33.3	MFW754: GPRS Detach from the Main Menu.	568
4.33.4	MFW756: SMS CSD Preferred Attach from the Main Menu, same as the default settings, so no change.	569
4.33.5	MFW757: SMS GPRS Attach from the Main Menu.	570
4.33.6	MFW758: SMS CSD Attach from the Main Menu.	572
4.33.7	MFW759: SMS GPRS Preferred Attach from the Main Menu.	574
4.33.8	MFW760: Data Count from the Main Menu, Incoming.	576
4.33.9	MFW761: Data Count from the Main Menu, Outgoing.	577
4.33.10	MFW764: Main Menu, Define a PDP Context.	578
4.33.11	MFW766: Main Menu, Activate a PDP Context.	578
<b>4.34</b>	<b>MMI Component Tests - case : SIM Application Toolkit</b>	<b>579</b>
4.34.1	MFW800: SIM Toolkit request to display text, less than 128 bytes.	579
4.34.2	MFW802: SIM Toolkit Setup the Main Menu.	580
4.34.3	MFW804: SIM Toolkit Select Item From the Application Toolkit Menu.	580
4.34.4	MFW806: SIM Toolkit, The Menu Item selected requests a key input.	581
4.34.5	MFW808: SIM Toolkit, The Menu Item requests a minimum of 3 characters.	582
4.34.6	MFW810: SIM Toolkit, Send a Short Message.	583
4.34.7	MFW812: SIM Toolkit, Send a Supplementary Service.	584
4.34.8	MFW814: SIM Toolkit, Send a Setup Call.	585
4.34.9	MFW816: SIM Toolkit, Send a Setup Call. First attempt rejected due to busy ME. Automatic Redial. Test Fails.	586
4.34.10	MFW830: SIM Toolkit, SAT Class e. Test Fails.	587

## 0 Document Control

© Copyright Condat UK Ltd, 2003.

All rights reserved.

Every effort has been made to ensure that the information contained in this document is accurate at the time of printing. However, the software described in this document is subject to continuous development and improvement. reserves the right to change the specification of the software. Information in this document is subject to change without notice and does not represent a commitment on the part of Condat UK Ltd. Condat UK Ltd accepts no liability for any loss or damage arising from the use of any information contained in this document.

The software described in this document is furnished under a license agreement and may be used or copied only in accordance with the terms of the agreement. It is an offence to copy the software in any way except as specifically set out in the agreement. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose without the express written permission of Condat UK Ltd.

Condat UK Ltd  
Research and Development  
38 Melville Street  
Edinburgh EH3 7HA  
Scotland

Telephone: +44 (0)131 226 5838  
Fax: +44 (0)131 226 7055  
Internet: <http://www.condat.co.uk>

### 0.1 Document History

ID	Author	Date	Status	Remarks
8415.xxx.00.001	EF	Jan. 29, 02 Oct09, 02	Being Processed	Initial Major change to make MMI testing stable. MMI is initialised at the end of the routings so that TAP does not time out. Add CC config signals and initial SIM signal.
	EF	Dec. 02	Being Processed	SIM, GMMREG, MNSMS, MNCC saps changed to the cause concept
	EF	Mar. 03	Being Processed	Add Sim Toolkit tests
	EF	Jul. 03	Being Processed	Add data calls, Multiparty, Call Back, Manual network selection, MT SMS Concatenation.
	DR	Jul. 03	Being Processed	Add Menu driven Call Divert combinations, Auto Answer.
	EF	Aug. 03	Being Processed	Comment all key presses and Menus. Re-check old tests and update. Add GPRS PDP activation.
	EF	Oct 03	Being Processed	Add some more Emergency Call tests & keypad lock, plus changes to Menu and keypad entry.

### 0.2 References

[GSM 2.30]	ETS 300 511: July 1995 (GSM 02.30 version 4.13.0) Man-Machine Interface (MMI) of the Mobile Station (MS), ETSI
[GSM 11.11]	TS 100.977. Release 1999, GSM Specification of the SIM-ME interface. Version 8.2.0.
8415.028.99.300	TCC Test Case Control, User Guide
[C_6147.302]	Test Case Script Language User Guide; Condat

---

8415.33.01.01	VSI/PEI - Frame/Body Interfaces
8434.100.01.001	FUG Frame Users Guide
8350.301_sa	Specifying Service Access Points
8415.90	PCO2 Userguide
8410.03	Dynamic Entity Configuration Commands
	G23 Basic MMI (BMI) Test Documentantion

## 1 Introduction

G23 is a software package implementing Layers 2 and 3 of the ETSI-defined GSM air interface signaling protocol, and as such represents the part of a GSM mobile station's protocol software which is both, platform and manufacturer independent. Therefore, G23 can be viewed as a building block providing standardized functionality through generic interfaces for easy integration.

The G23 suite of products consists of the following items:

- Layers 2 and 3 for speech & short message services,
- Layers 2 and 3 for fax & data services,
- Application Control Interface/AT Command Interface,
- MMI and MMI Framework (MFW) and
- Test and integration support tools.

This document establishes a suite of tests for the MMI environment, and includes the simulation of key presses and signalling with the Protocol Stack interface. The testing environment runs under Windows and an executable file is created linking the Protocol Stack and the MMI entities. The MMI can be viewed as a basic MMI element and an MFW framework, together with an ACI SAP for AT commands and key press simulation. A front end environment is provided by "TapCaller", which records the results of testing, and which loads the exe file mentioned above, together with the test execution program "TAP" and then runs the selected test/tests, reporting a pass or fail. Traces from the MMI and Protocol Stack are stored in debug files (.dbg) and can be viewed from "TapCaller".

## 1.1 Abbreviations

ACI	Application Control Interface
AGCH	Access Grant Channel
AT	Attention sequence "AT" to indicate valid commands of the ACI
BCCH	Broadcast Control Channel
BS	Base Station
BSIC	Base Station Identification Code
C/R	Command/Response
C1	Path Loss Criterion
C2	Reselection Criterion
CBCH	Cell Broadcast Channel
CBQ	Cell Bar Qualify
CC	Call Control
CCCH	Common Control Channel
CCD	Condat Coder Decoder
CCI	Compression and Ciphering Interface
CHAP	Challenge Handshake Authentication Protocol
CKSN	Ciphering Key Sequence Number
CRC	Cyclic Redundancy Check
DCCH	Dedicated Control Channel
DCOMP	Identifier of the user data compression algorithm used for the N-DPU
DISC	Disconnect Frame
DL	Data Link Layer
DM	Disconnected Mode Frame
DTX	Discontinuous Transmission
E	Extension bit
EA	Extension Bit Address Field
EL	Extension Bit Length Field
EMMI	Electrical Man Machine Interface
F	Final Bit
FACCH	Fast Associated Control Channel
FHO	Forced Handover
GACI	GPRS Application Control Interface
GMM	GPRS Mobility Management
GP	Guard Period
GRR	GPRS RR
GSM	Global System for Mobile Communication
HDLC	High-level Data Link Control
HISR	High level Interrupt Service Routine
HPLMN	Home Public Land Mobile Network
I	Information Frame
IMEI	International Mobile Equipment Identity
IMSI	International Mobile Subscriber Identity
IP	Internet Protocol
IPCP	Internet Protocol Control Protocol
ITU	International Telecommunication Union
IWF	Interworking Function
Kc	Ciphering Key
L	Length Indicator
LAI	Location Area Information
LCP	Link Control Protocol

LISR	Low level Interrupt Service Routine
LLC	Logical Link Control
LPD	Link Protocol Discriminator
LQM	Link Quality Monitoring
M	More bit used to indicate the last segment of N-DPU
MAC	Medium Access Control
MCC	Mobile Country Code
MM	Mobility Management
MMI	Man Machine Interface
MNC	Mobile Network Code
MS	Mobile Station
MT	Mobile Termination
N(R)	Receive Number
N(S)	Send Number
NC	Network Control
NCC	National Colour Code
NCP	Network Control Protocol
NECI	New Establishment Causes included
N-PDU	Network Protocol Data Unit
NSAPI	Network Layer Service Access Point Identifier
OTD	Observed Time Difference
P	Poll Bit
P/F	Poll/Final Bit
PACCH	Packet Associated Control Channel
PAP	Password Authentication Protocol
PBCCH	Packet BCCH
PCCCH	Packet CCCH
PCOMP	Identifier of the protocol control information compression algorithm used for the N-DPU
PDCH	Packet Data Channel
PDP	Packet Data Protocol e.g. IP or X.25
PDTCH	Packet Data Traffic Channel
PRACH	Packet RACH
PSI	Packet System Information
PCH	Paging Channel
PCO	Point of Control and Observation
PDU	Protocol Data Unit
PL	Physical Layer
PLMN	Public Land Mobile Network
PPC	Packet Physical Convergence
PPP	Point-to-Point Protocol
PTP	Point to Point
QoS	Quality of Service
RACH	Random Access Channel
REJ	Reject Frame
RLC	Radio Link Control
RNR	Receive Not Ready Frame
RR	Radio Resource Management
RR	Receive Ready Frame
RTD	Real Time Difference
RTOS	Real Time Operating System
SABM	Set Asynchronous Balanced Mode
SACCH	Slow Associated Control Channel
SAP	Service Access Point
SAPI	Service Access Point Identifier
SDCCH	Stand alone Dedicated Control Channel

SDU	Service Data Unit
SGSN	Serving GPRS Support Node
SIM	Subscriber Identity Module
SM	Session Management
SMS	Short Message Service
SMSCB	Short Message Service Cell Broadcast
SNDCP	Subnetwork Dependant Convergence Protocol
SNSM	SNDCP-SM
SS	Supplementary Services
TAP	Test Application Program
TBF	Temporary Block Flow
TCH	Traffic Channel
TCH/F	Traffic Channel Full Rate
TCH/H	Traffic Channel Half Rate
TCP	Transmission Control Protocol
TDMA	Time Division Multiple Access
TE	Terminal Equipment - e. g. a PC
TFI	Temporary Flow Identifier
TLLI	Temporary Logical Link Identifier
TMSI	Temporary Mobile Subscriber Identity
TOM	Tunnelling of Messages
TQI	Temporary Queuing Identifier
UA	Unnumbered Acknowledgement Frame
UART	Universal Asynchronous Receiver Transmitter
UI	Unnumbered Information Frame
USF	Uplink State Flag
V(A)	Acknowledgement State Variable
V(R)	Receive State Variable
V(S)	Send State Variable
VPLMN	Visited Public Land Mobile Network

## 1.2 Terms

Entity:	Program which executes the functions of a layer
Message:	A message is a data unit which is transferred between the entities of the same layer (peer-to-peer) of the mobile and infrastructure side. Message is used as a synonym to protocol data unit (PDU). A message may contain several information elements.
Primitive:	A primitive is a data unit which is transferred between layers on one component (mobile station or infrastructure). The primitive has an operation code which identifies the primitive and its parameters.
Service Access Point	A Service Access Point is a data interface between two layers on one component (mobile station or infrastructure).

## 2 Protocol Stack

The Protocol Stacks are used to define the functionality of the GSM protocols for interfaces. The GSM specifications are normative when used to describe the functionality of interfaces, but the stacks and the subdivision of protocol layers does not imply or restrict any implementation.

The protocol stack for GPRS consists of several entities. Each entity has one or more service access points, over which the entity provides a service for the upper entity.

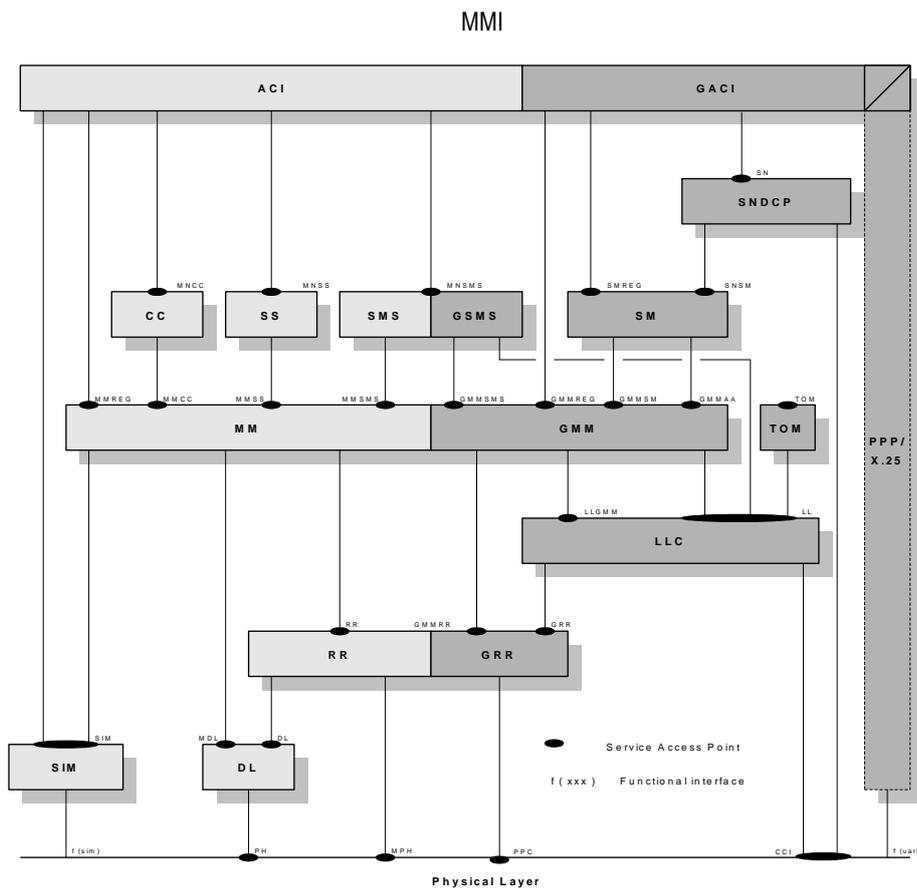


Figure 2-1: Architecture of the GSM/GPRS protocol stack

The information units passed via the SAPs are called primitives and consists of an operation code and several parameters. See the Users Guide for details.

The entities of the GPRS protocol stack are:

### 2.1 GRR (RLC/MAC) – Radio Link Control/Medium Access Control

This layer contains two functions: The Radio Link Control function provides a radio-solution-dependent reliable link. The Medium Access Control function controls the access signalling (request and grant) procedures for the radio channel, and the mapping of LLC frames onto the GSM physical channel.

### 2.2 LLC – Logical Link Control

The LLC entity provides multiple highly reliable logical links for asynchronous data transfer between the MS and the network. It supports variable-length information frames, acknowledged and unacknowledged data transfer, flow and sequence control, error detection and recovery, notification of unrecoverable errors, user identity confidentiality, and ciphering of user and signaling data.

## 2.3 GMM – GPRS Mobility Management

The GMM entity provides procedures for the mobility of the MS, such as informing the network of its present location, and user identity confidentiality. It manages the GMM context (attach, detach, routing area updating), supports security functions such as authentication of user and MS, controls ciphering of data, and initiates the response to paging messages.

## 2.4 SM – Session Management

The main function of the session management (SM) is to support PDP context handling of the user terminal. Session Management activates, modifies and deletes the contexts for packet data protocols (PDP). Session Management services are provided at the SMREG-SAP and the SNSM-SAP for anonymous and non-anonymous access. The non-anonymous and anonymous access procedures for PDP context activation and PDP context deactivation are available at the SMREG-SAP. In addition there exists a PDP context modification for non-anonymous PDP contexts.

## 2.5 SNDCP - Subnetwork Dependant Convergence Protocol

SNDCP carries out all functions related to transfer of Network layer Protocol Data Units (N-PDUs) over GPRS in a transparent way. SNDCP helps to improve channel efficiency by means of compression techniques. The set of protocol entities above SNDCP consists of commonly used network protocols. They all use the same SNDCP entity, which then performs multiplexing of data coming from different sources to be sent using the service provided by the LLC layer.

## 2.6 GACI – GPRS Application Control Interface

The GACI is the GPRS extension of the ACI. It is specified in GSM 07.07 and 07.60. It is responsible for processing of the GPRS related AT Commands to setup, activate and deactivate the PDP context parameter. It also provides functionality for the interworking between GMM/SM/SNDCP and a packet oriented protocol like PPP.

## 2.7 USART - Universal Synchronous Asynchronous Receiver Transmitter Driver

The USART is a hardware component that facilitates a connection between the mobile station and terminal equipment (e.g. a PC). This interface uses some of the circuits described in V.24.

The data exchange provided by this unit is serial and asynchronous (synchronous communication is not in the scope of this document). A driver that uses interrupts to manage a circular buffer for the sending and receiving direction is necessary in order to use this component in the GPRS. The driver has to be able to perform flow control.

## 2.8 TOM – Tunnelling of Messages

The TOM entity is present if and only if HS136 is supported (the feature flag FF\_HS136 is enabled).

The main function of TOM is to tunnel non-GSM signalling messages between the MS and the SGSN. The only non-GSM signalling which is currently supported by TOM is for the EGPRS-136 system (according to TIA/EIA-136-376). Data transfer in both uplink and downlink direction is possible. Two different priorities (high, low) of signalling data transfer are supported. TOM uses the unacknowledged mode of LLC and the acknowledged mode of GRR (RLC/MAC).

## 2.9 Protocol Stack Entities

The Protocol Stacks are used to define the functionality of the GSM protocols for interfaces. The GSM specifications are normative when used to describe the functionality of interfaces, but the stacks and the subdivision of protocol layers does not imply or restrict any implementation.

The base of the Protocol Stack rests on the physical layer.

The Data Link Layer (DL) is used to handle an acknowledged connection between mobile and base station. The LAPDM protocol is used.

Radio Resource (RR) manages the resources of the air-interface. That means configuration of physical layer, cell selection and cell reselection, data transfer, RR-Connection handling.

Mobility Management (MM) handles registration aspects for the mobile station. It detects changes of location areas and updates a mobile station in the new location area.

Call Control (CC) provides the call functionality. This includes call establishment, call maintenance procedures like Hold, Retrieve or Modify, and call disconnection.

Supplementary Services (SS) handles all call independent supplementary services like call forwarding or call barring.

Short Message Services (SMS) is used for sending and receiving point-to-point short messages. Additionally the reception of cell broadcast short messages is included.

The man machine interface (MMI) is the interface to the user. Normally it is connected with a keypad as input device and a display as output device.

Between the several entities data interfaces are defined. These data interfaces are called Service Access Points (SAPs), indicating that an upper layer uses the services of a lower layer.

The GSM specification do not set out any implementation of the Protocol Stack. All entities except the Man Machine Interface and Physical Layer are implemented as part of the Protocol Stack.

## 2.10 Test Script description

This document defines the tests for the whole protocol stack using the MMI Framework. The following table describes the interface with the PS Entities and the corresponding tests that apply.

I/F with Entities	Test Section
L2R/RLP/RA/T30	MT Call Processing, Sim Toolkit
SIM/GMM/UART	PIN tests from Power On, PIN and PUK entering from menus, GSM Strings
CC/SS/SMS	Call Processing tests for MO and MT, SIM Toolkit
SMS	Messages from the Menu, SIM Toolkit
GMM	Setting GPRS options in Settings Menu
SS	Call Divert options from the Menu or GSM strings, SIM Toolkit
SM	PDP Context Activation tests



### 3 Parameters

DECLARATION (A\_ECC\_FIELD )  
DECLARATION (APN\_BUF\_1)  
DECLARATION (A\_AD\_FIELD\_CI\_DISABLED )  
DECLARATION (A\_AD\_FIELD\_CI\_ENABLED )  
DECLARATION (BC\_PARA\_ASYNC\_1200)  
DECLARATION (BC\_PARA\_SPEECH)  
DECLARATION (BC\_PARA\_FAX)  
DECLARATION (BC\_PARA\_NO\_SERVICE)  
DECLARATION (CBCH\_MSG\_ID\_ARR)  
DECLARATION (CBCH\_DCS\_ID\_ARR)  
DECLARATION (CLED\_PARTY\_112)  
DECLARATION (CLED\_PARTY\_01317180537)  
DECLARATION (CLED\_PARTY\_9876543210\_FRED)  
DECLARATION (CLED\_PARTY\_SUB)  
DECLARATION (CONNECTED\_PARTY\_SUB\_NONE)  
DECLARATION (CONNECTED\_NUMBER\_112)  
DECLARATION (CONNECTED\_NUMBER\_01317180537)  
DECLARATION (CLG\_PARTY\_01317180537)  
DECLARATION (CLG\_PARTY\_SUB)  
DECLARATION (CLED\_PARTY\_654321)  
DECLARATION (CH\_SIG\_ONLY)  
DECLARATION (CH\_DATA\_9\_6)  
DECLARATION (CLED\_PARTY\_SUB\_NONE)  
DECLARATION (CONNECTED\_NUMBER\_654321)  
DECLARATION (CLG\_PARTY\_654321)  
DECLARATION (CLED\_PARTY\_ERIC\_NT)  
DECLARATION (CLED\_PARTY\_ERIC\_T)  
DECLARATION (CLED\_PARTY\_VOICEMBX)  
DECLARATION (CHANNEL\_MODE\_1)  
DECLARATION (DA\_654321)  
DECLARATION (DA\_654321\_NB)  
DECLARATION (DEREGISTER\_SS\_DIVERT\_ALLCALLS)  
DECLARATION (DAY\_25)  
DECLARATION (DIVERT\_STATUS\_CALLS\_CONTENTS\_V)  
DECLARATION (DIVERT\_STATUS\_CALLS\_CONTENTS\_F)  
DECLARATION (DIVERT\_STATUS\_CALLS\_CONTENTS\_D)  
DECLARATION (DIVERT\_STATUS\_IFBUSY\_CONTENTS\_V)  
DECLARATION (DIVERT\_STATUS\_IFBUSY\_CONTENTS\_F)  
DECLARATION (DIVERT\_STATUS\_IFBUSY\_CONTENTS\_D)  
DECLARATION (DIVERT\_STATUS\_IFNOREPLY\_CONTENTS\_V)  
DECLARATION (DIVERT\_STATUS\_IFNOREPLY\_CONTENTS\_F)  
DECLARATION (DIVERT\_STATUS\_IFNOREPLY\_CONTENTS\_D)  
DECLARATION (DIVERT\_STATUS\_IFNONETWORK\_CONTENTS\_V)  
DECLARATION (DIVERT\_STATUS\_IFNONETWORK\_CONTENTS\_F)  
DECLARATION (DIVERT\_STATUS\_IFNONETWORK\_CONTENTS\_D)  
DECLARATION (EC\_CODES )  
DECLARATION (F\_SIM\_SRV\_4)  
DECLARATION (F\_SIM\_SRV)  
DECLARATION (F\_SIM\_SRV\_4\_15\_16)  
DECLARATION (F\_SIM\_SRV\_PHB)  
DECLARATION (F\_SIM\_SRV\_FDN\_PHB)  
DECLARATION (FACILITY\_DIVERT\_ARR)  
DECLARATION (FACILITY\_REGISTER)  
DECLARATION (FAC\_DIVERT\_ALLCALLS)  
DECLARATION (FAC\_DEACTIVATE\_ALLCALLS)

DECLARATION (FAC\_DIVERT\_ALLCALLS\_VOICE)  
DECLARATION (FAC\_DIVERT\_ALLCALLS\_V)  
DECLARATION (FAC\_DIVERT\_ALLCALLS\_F)  
DECLARATION (FAC\_DIVERT\_ALLCALLS\_D)  
DECLARATION (FAC\_DIVERT\_IFBUSY)  
DECLARATION (FAC\_DIVERT\_IFBUSY\_V)  
DECLARATION (FAC\_DIVERT\_IFBUSY\_F)  
DECLARATION (FAC\_DIVERT\_IFBUSY\_D)  
DECLARATION (FAC\_DIVERT\_IFNOREPLY)  
DECLARATION (FAC\_DIVERT\_IFNOREPLY\_V)  
DECLARATION (FAC\_DIVERT\_IFNOREPLY\_F)  
DECLARATION (FAC\_DIVERT\_IFNOREPLY\_D)  
DECLARATION (FAC\_DIVERT\_IFNOSERVICE\_V)  
DECLARATION (FAC\_DIVERT\_IFNOSERVICE\_F)  
DECLARATION (FAC\_DIVERT\_IFNOSERVICE\_D)  
DECLARATION (FAC\_DIVERT\_IFNOTREACHABLE)  
DECLARATION (FAC\_DIVERT\_IFNOTREACHABLE\_V)  
DECLARATION (FAC\_DIVERT\_IFNOTREACHABLE\_F)  
DECLARATION (FAC\_DIVERT\_IFNOTREACHABLE\_D)  
DECLARATION (FAC\_DIVERT\_ALL\_CONDITIONAL\_V)  
DECLARATION (FAC\_DIVERT\_ALL\_CONDITIONAL\_F)  
DECLARATION (FAC\_DIVERT\_ALL\_CONDITIONAL\_D)  
DECLARATION (FAC\_DIVERT\_ALLCONFIGURED\_V)  
DECLARATION (FAC\_DIVERT\_ALLCONFIGURED\_F)  
DECLARATION (FAC\_DIVERT\_ALLCONFIGURED\_D)  
DECLARATION (FAC\_DIVERT\_ALLCONFIGURED)  
DECLARATION (FAC\_DIVERT\_ALLDIVERTS)  
DECLARATION (FAC\_DIVERT\_ALLDIVERTS\_V)  
DECLARATION (FAC\_DIVERT\_ALLDIVERTS\_F)  
DECLARATION (FAC\_DIVERT\_ALLDIVERTS\_D)  
DECLARATION (FAC\_DIVERT\_STATUS\_CALLS\_V)  
DECLARATION (FAC\_DIVERT\_STATUS\_CALLS\_F)  
DECLARATION (FAC\_DIVERT\_STATUS\_CALLS\_D)  
DECLARATION (FAC\_DIVERT\_STATUS\_IFBUSY\_V)  
DECLARATION (FAC\_DIVERT\_STATUS\_IFBUSY\_F)  
DECLARATION (FAC\_DIVERT\_STATUS\_IFBUSY\_D)  
DECLARATION (FAC\_DIVERT\_STATUS\_IFNOREPLY\_V)  
DECLARATION (FAC\_DIVERT\_STATUS\_IFNOREPLY\_F)  
DECLARATION (FAC\_DIVERT\_STATUS\_IFNOREPLY\_D)  
DECLARATION (FAC\_DIVERT\_STATUS\_IFNONETWORK\_V)  
DECLARATION (FAC\_DIVERT\_STATUS\_IFNONETWORK\_F)  
DECLARATION (FAC\_DIVERT\_STATUS\_IFNONETWORK\_D)  
DECLARATION (FAC\_DIVERT\_UNCONDITIONALLY)  
DECLARATION (FAC\_DIVERT\_UNCONDITIONALLY\_V)  
DECLARATION (FAC\_DIVERT\_UNCONDITIONALLY\_F)  
DECLARATION (FAC\_DIVERT\_UNCONDITIONALLY\_D)  
DECLARATION (FAC\_BAR\_OG\_CALLS)  
DECLARATION (FAC\_BAR\_INTER\_CALLS)  
DECLARATION (FAC\_BAR\_INTER\_BUT\_HOME\_CALLS)  
DECLARATION (FAC\_BAR\_IC\_CALLS)  
DECLARATION (FAC\_BAR\_IC\_ROAMING\_CALLS)  
DECLARATION (FAC\_CANCEL\_ALLBAR)  
DECLARATION (FAC\_REG\_PW)  
DECLARATION (FAC\_REG\_PW\_CONTENT)  
DECLARATION (FAC\_PW\_RES)  
DECLARATION (FAC\_PW\_RES\_CONTENT)  
DECLARATION (FAC\_SET\_WAITING\_ENABLED)  
DECLARATION (FAC\_ERASE\_ALLDIVERTS)

DECLARATION (FAC\_ERASE\_IFNOSERVICE\_V)  
DECLARATION (FAC\_ERASE\_IFNOSERVICE\_F)  
DECLARATION (FAC\_ERASE\_IFNOSERVICE\_D)  
DECLARATION (FAC\_ERASE\_ALLDIVERTS\_V)  
DECLARATION (FAC\_ERASE\_UNCONDITIONALLY\_V)  
DECLARATION (FAC\_ERASE\_IFBUSY\_V)  
DECLARATION (FAC\_ERASE\_IFNOREPLY\_V)  
DECLARATION (FAC\_ERASE\_ALLCONFIGURED\_V)  
DECLARATION (FAC\_ERASE\_IFNOTREACHABLE\_V)  
DECLARATION (FAC\_ERASE\_ALLDIVERTS\_F)  
DECLARATION (FAC\_ERASE\_UNCONDITIONALLY\_F)  
DECLARATION (FAC\_ERASE\_IFBUSY\_F)  
DECLARATION (FAC\_ERASE\_IFNOREPLY\_F)  
DECLARATION (FAC\_ERASE\_ALLCONFIGURED\_F)  
DECLARATION (FAC\_ERASE\_IFNOTREACHABLE\_F)  
DECLARATION (FAC\_ERASE\_ALLDIVERTS\_D)  
DECLARATION (FAC\_ERASE\_UNCONDITIONALLY\_D)  
DECLARATION (FAC\_ERASE\_IFBUSY\_D)  
DECLARATION (FAC\_ERASE\_IFNOREPLY\_D)  
DECLARATION (FAC\_ERASE\_ALLCONFIGURED\_D)  
DECLARATION (FAC\_ERASE\_IFNOTREACHABLE\_D)  
DECLARATION (ERASE\_ALLDIVERTS\_CONTENTS)  
DECLARATION (ERASE\_ALLDIVERTS\_CONTENTS\_V)  
DECLARATION (ERASE\_IFNOSERVICE\_CONTENTS\_V)  
DECLARATION (ERASE\_IFNOSERVICE\_CONTENTS\_F)  
DECLARATION (ERASE\_IFNOSERVICE\_CONTENTS\_D)  
DECLARATION (ERASE\_UNCONDITIONALLY\_CONTENTS\_V)  
DECLARATION (ERASE\_IFBUSY\_CONTENTS\_V)  
DECLARATION (ERASE\_IFNOREPLY\_CONTENTS\_V)  
DECLARATION (ERASE\_ALLCONFIGURED\_CONTENTS\_V)  
DECLARATION (ERASE\_IFNOTREACHABLE\_CONTENTS\_V)  
DECLARATION (ERASE\_ALLDIVERTS\_CONTENTS\_F)  
DECLARATION (ERASE\_UNCONDITIONALLY\_CONTENTS\_F)  
DECLARATION (ERASE\_IFBUSY\_CONTENTS\_F)  
DECLARATION (ERASE\_IFNOREPLY\_CONTENTS\_F)  
DECLARATION (ERASE\_ALLCONFIGURED\_CONTENTS\_F)  
DECLARATION (ERASE\_IFNOTREACHABLE\_CONTENTS\_F)  
DECLARATION (ERASE\_ALLDIVERTS\_CONTENTS\_D)  
DECLARATION (ERASE\_UNCONDITIONALLY\_CONTENTS\_D)  
DECLARATION (ERASE\_IFBUSY\_CONTENTS\_D)  
DECLARATION (ERASE\_IFNOREPLY\_CONTENTS\_D)  
DECLARATION (ERASE\_ALLCONFIGURED\_CONTENTS\_D)  
DECLARATION (ERASE\_IFNOTREACHABLE\_CONTENTS\_D)  
DECLARATION (CALL\_WAITING\_CONTENTS)  
DECLARATION (RESULT\_ERASE\_ALLDIVERTS\_V)  
DECLARATION (RESULT\_ERASE\_ALL\_DIVERTS\_CONTENTS)  
DECLARATION (HOUR\_12)  
DECLARATION (IMSI)  
DECLARATION (IMSI\_ARRAY)  
DECLARATION (MONTH\_05)  
DECLARATION (MINUTE\_34)  
DECLARATION (MCC\_1)  
DECLARATION (MCC\_262)  
DECLARATION (MNC\_1)  
DECLARATION (MNC\_02)  
DECLARATION (MNC\_14)  
DECLARATION (NO\_EC\_CODES)  
DECLARATION (NO\_PREF\_LANG)

DECLARATION (NUM\_112)  
DECLARATION (NUM\_VOICEMBX\_121)  
DECLARATION (NUM\_01317180537)  
DECLARATION (NUM\_9876543210)  
DECLARATION (NUM\_654321)  
DECLARATION (NUM\_X)  
DECLARATION (PREF\_PLMN)  
DECLARATION (PREF\_PLMN\_ARRAY)  
DECLARATION (PUK\_1\_VALUE)  
DECLARATION (PUK\_2\_VALUE\_11223344)  
DECLARATION (PIN\_1\_VALUE\_1234)  
DECLARATION (PIN\_1\_VALUE\_B)  
DECLARATION (PIN\_1\_VALUE\_11111111)  
DECLARATION (PIN\_1\_VALUE\_1239)  
DECLARATION (PIN\_1\_VALUE\_1233)  
DECLARATION (PHB\_ADN\_RECORD\_1)  
DECLARATION (PHB\_ADN\_RECORD\_2)  
DECLARATION (PHB\_ADN\_RECORD\_3)  
DECLARATION (PHB\_ADN\_RECORD\_4)  
DECLARATION (PHB\_ADN\_RECORD\_5)  
DECLARATION (PHB\_ADN\_RECORD\_6)  
DECLARATION (PHB\_ADN\_RECORD\_EMPTY)  
DECLARATION (PHB\_ADN\_RECORD\_1\_DELETE)  
DECLARATION (PHB\_ADN\_RECORD\_1\_CHANGE)  
DECLARATION (PHB\_ADN\_RECORD\_ERIC\_MT\_SAVE)  
DECLARATION (PHB\_ADN\_RECORD\_ERIC\_MO\_SAVE)  
DECLARATION (PHB\_ADN\_RECORD\_SID)  
DECLARATION (PLMN\_1)  
DECLARATION (PLMN\_262\_14)  
DECLARATION (PLMN\_262\_02)  
DECLARATION (RED\_PARTY)  
DECLARATION (RED\_PARTY\_SUB)  
DECLARATION (RELEASE\_COMPLETE\_DEACTIVATE)  
DECLARATION (REGISTER\_SS\_BAR\_OG\_CALLS)  
DECLARATION (REGISTER\_SS\_BAR\_IC\_CALLS)  
DECLARATION (REGISTER\_SS\_BAR\_INTER\_CALLS)  
DECLARATION (REGISTER\_SS\_BAR\_INTER\_BUT\_HOME\_CALLS)  
DECLARATION (REGISTER\_SS\_BAR\_IC\_ROAMING\_CALLS)  
DECLARATION (REGISTER\_SS\_CANCEL\_ALLBAR)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLCALLS)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLCALLS\_V)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLCALLS\_F)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLCALLS\_D)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFBUSY)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFBUSY\_V)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFBUSY\_F)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFBUSY\_D)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOREPLY)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOREPLY\_V)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOREPLY\_F)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOREPLY\_D)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOTREACHABLE)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOTREACHABLE\_V)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOTREACHABLE\_F)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOTREACHABLE\_D)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLCONFIGURED)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLCONFIGURED\_V)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLCONFIGURED\_F)

DECLARATION (REGISTER\_SS\_DIVERT\_ALLCONFIGURED\_D)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALL\_CONDITIONAL\_V)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALL\_CONDITIONAL\_F)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALL\_CONDITIONAL\_D)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLDIVERTS)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLDIVERTS\_V)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLDIVERTS\_F)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLDIVERTS\_D)  
DECLARATION (REGISTER\_SS\_DIVERT\_ALLCALLS\_VOICE)  
DECLARATION (REGISTER\_SS\_DIVERT\_UNCONDITIONALLY)  
DECLARATION (REGISTER\_SS\_DIVERT\_UNCONDITIONALLY\_V)  
DECLARATION (REGISTER\_SS\_DIVERT\_UNCONDITIONALLY\_F)  
DECLARATION (REGISTER\_SS\_DIVERT\_UNCONDITIONALLY\_D)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOSERVICE\_V)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOSERVICE\_F)  
DECLARATION (REGISTER\_SS\_DIVERT\_IFNOSERVICE\_D)  
DECLARATION (RELEASE\_COMPLETE\_FACILITY)  
DECLARATION (RELEASE\_COMPLETE\_ARR)  
DECLARATION (RELEASE\_COMPLETE\_DEACTIVARR)  
DECLARATION (REGISTER\_SS\_1\_ARR)  
DECLARATION (CALL\_WAITING\_RETURN\_RESULT)  
DECLARATION (CALL\_WAITING\_RET\_RES\_ARR)  
DECLARATION (CALL\_FORWARD\_RETURN\_RESULT)  
DECLARATION (CALL\_FORWARD\_RET\_RES\_ARR)  
DECLARATION (SC\_ADDR\_1)  
DECLARATION (SC\_ADDR\_1\_NB)  
DECLARATION (SMS\_SDU\_1)  
DECLARATION (SMS\_MSG\_1)  
DECLARATION (SMS\_NO\_TEXT)  
DECLARATION (SMS\_NO\_TEXT\_CONTENT)  
DECLARATION (SMS\_SDU\_2)  
DECLARATION (SMS\_MSG\_2)  
DECLARATION (SMS\_PHB)  
DECLARATION (SMS\_SDU\_CONC\_1)  
DECLARATION (SMS\_SDU\_MAX\_1)  
DECLARATION (SMS\_MSG\_CONC\_1)  
DECLARATION (SMS\_MSG\_MAX\_1)  
DECLARATION (SMS\_SDU\_CONC\_2)  
DECLARATION (SMS\_MSG\_CONC\_2)  
DECLARATION (SMS\_SDU\_EMPTY)  
DECLARATION (SMS\_MSG\_EMPTY)  
DECLARATION (SMS\_MSG\_MT\_CONCAT)  
DECLARATION (SMS\_MSG\_MT\_CONCAT\_SDU)  
DECLARATION (SECOND\_56)  
DECLARATION (SMS\_SDU\_ERIC\_NAMES)  
DECLARATION (SMS\_MSG\_ERIC\_NAMES)  
DECLARATION (SIM\_SERV\_PHASE\_2\_ADN\_BDN)  
DECLARATION (SIM\_SERV\_PHASE\_2)  
DECLARATION (SMS\_SDU\_MISSED\_CALLS)  
DECLARATION (SMS\_MSG\_MISSED\_CALLS)  
DECLARATION (SMS\_SDU\_OUTGOING\_CALLS)  
DECLARATION (SMS\_MSG\_OUTGOING\_CALLS)  
DECLARATION (STK\_SUPPORTED)  
DECLARATION (SIM\_TOOLKIT\_PROFILE)  
DECLARATION (SIM\_CPHS\_FIELD)  
DECLARATION (SMREG\_APN\_0\_S)  
DECLARATION (SMREG\_APN\_1)  
DECLARATION (SDU\_ARRAY)

DECLARATION (SDU\_SHOW)  
DECLARATION (SDU)  
DECLARATION (SDU\_1)  
DECLARATION (SDU\_2)  
DECLARATION (SDU\_3)  
DECLARATION (SNDP\_CHANNEL)  
DECLARATION (VER\_SS\_1\_ARR)  
DECLARATION (VERSION\_SS)  
DECLARATION (VP\_A9801071234564)  
DECLARATION (YEAR\_02)  
DECLARATION (SMS\_SDU\_MO\_ABS)  
DECLARATION (SMS\_SDU\_MO\_ABS\_BUF)  
DECLARATION (STK\_DISPLAY\_TEXT\_SHORT)  
DECLARATION (STK\_DISPLAY\_TEXT\_SHORT\_CONTENT)  
DECLARATION (STK\_TERM\_RESP\_DISPLAY\_TEXT)  
DECLARATION (STK\_TERM\_RESP\_DISPLAY\_TEXT\_CONTENT)  
DECLARATION (STK\_SETUP\_MENU\_CONTENT)  
DECLARATION (STK\_SETUP\_MENU)  
DECLARATION (STK\_TERM\_RESP\_SETUP\_MENU)  
DECLARATION (STK\_TERM\_RESP\_SETUP\_MENU\_CONTENT)  
DECLARATION (STK\_SELECT\_ITEM\_CONTENT)  
DECLARATION (STK\_SELECT\_ITEM)  
DECLARATION (STK\_TERM\_RESP\_SELECT\_ITEM)  
DECLARATION (STK\_TERM\_RESP\_SELECT\_ITEM\_CONTENT)  
DECLARATION (STK\_GET\_INKEY)  
DECLARATION (STK\_GET\_INKEY\_CONTENT)  
DECLARATION (STK\_TERM\_RESP\_GET\_INKEY)  
DECLARATION (STK\_TERM\_RESP\_GET\_INKEY\_CONTENT)  
DECLARATION (STK\_GET\_INPUT\_CONTENT)  
DECLARATION (STK\_GET\_INPUT)  
DECLARATION (STK\_TERM\_RESP\_GET\_INPUT\_CONTENT)  
DECLARATION (STK\_TERM\_RESP\_GET\_INPUT)  
DECLARATION (STK\_SEND\_SMS)  
DECLARATION (STK\_SEND\_SMS\_CONTENT)  
DECLARATION (STK\_TERM\_RESP\_SEND\_SMS)  
DECLARATION (STK\_TERM\_RESP\_SEND\_SMS\_CONTENT)  
DECLARATION (SMS\_SDU\_STK)  
DECLARATION (SMS\_SDU\_STK\_CONTENT)  
DECLARATION (STK\_SEND\_SS)  
DECLARATION (STK\_SEND\_SS\_CONTENT)  
DECLARATION (STK\_TERM\_RESP\_SEND\_SS)  
DECLARATION (STK\_TERM\_RESP\_SEND\_SS\_CONTENT)  
DECLARATION (STK\_DIVERT\_ALLCALLS)  
DECLARATION (STK\_DIVERT\_ALLCALLS\_CONTENT)  
DECLARATION (STK\_SETUP\_CALL)  
DECLARATION (STK\_SETUP\_CALL\_CONTENT)  
DECLARATION (STK\_TERM\_RESP\_SETUP\_CALL)  
DECLARATION (STK\_TERM\_RESP\_SETUP\_CALL\_CONTENT)  
DECLARATION (STK\_TERM\_RESP\_SETUP\_CLASSE)  
DECLARATION (STK\_TERM\_RESP\_SETUP\_CLASSE\_CONTENT)  
DECLARATION (STK\_CLED\_PARTY\_01317180537)  
DECLARATION (STK\_SETUP\_CALL\_BUSY)  
DECLARATION (STK\_SETUP\_CALL\_BUSY\_CONTENT)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_CONTENT)  
DECLARATION (STK\_OPEN\_CHANNEL\_IM\_UDP)  
DECLARATION (STK\_OPEN\_CHANNEL\_IM\_UDP\_CONTENT)  
DECLARATION (STK\_OPEN\_CHANNEL\_IM\_L2R)

DECLARATION (STK\_OPEN\_CHANNEL\_IM\_L2R\_CONTENT)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_DATA\_CIRCUIT\_ASYNC\_UDI)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_CONTENT\_0)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_DATA\_CIRCUIT\_SYNCH\_UDI)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_CONTENT\_1)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_PAD\_ACCESS\_ASYNC\_UDI)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_CONTENT\_2)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_PACKET\_ACCESS\_SYNCH\_UDI)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_CONTENT\_3)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_DATA\_CIRCUIT\_ASYNC\_RDI)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_CONTENT\_4)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_DATA\_CIRCUIT\_SYNCH\_RDI)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_CONTENT\_5)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_PAD\_ACCESS\_ASYNC\_RDI)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_CONTENT\_6)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_PACKET\_ACCESS\_SYNCH\_RDI)  
DECLARATION (STK\_OPEN\_CHANNEL\_IMM\_CSD\_CONTENT\_7)  
DECLARATION (BC\_PARA\_ASYNC\_9600)  
DECLARATION (BC\_PARA\_SYNC\_9600)  
DECLARATION (BC\_PARA\_PAD\_ACCESS\_ASYNC)  
DECLARATION (CHAN\_MODE\_DATA\_9\_6)  
DECLARATION (FAC\_MULTIPARTY)  
DECLARATION (FAC\_MULTIPARTY\_SPLIT)  
DECLARATION (MULTIPARTY\_ARR)  
DECLARATION (MULTIPARTY\_SPLIT\_ARR)  
DECLARATION (MULTIPARTY\_RETURN\_RESULT)  
DECLARATION (MULTIPARTY\_RET\_RES\_ARR)  
DECLARATION (MULTIPARTY\_SPLIT\_RETURN\_RESULT)  
DECLARATION (MULTIPARTY\_SPLIT\_RET\_RES\_ARR)  
DECLARATION (FAC\_MULTIPARTY\_RETRIEVE)  
DECLARATION (FAC\_AOCI)  
DECLARATION (AOCI\_ARR)  
DECLARATION (MULTIPARTY\_RETRIEVE\_ARR)  
DECLARATION (MULTIPARTY\_RETRIEVE\_RETURN\_RESULT)  
DECLARATION (MULTIPARTY\_RETRIEVE\_RET\_RES\_ARR)  
DECLARATION (TEST\_FAC\_INF)  
DECLARATION (INTERROGATE\_SS)  
DECLARATION (INTERROGATE\_SS\_ARR)  
DECLARATION (INTERROGATE\_SS\_OG)  
DECLARATION (INTERROGATE\_SS\_OG\_CONTENT)  
DECLARATION (INTERROGATE\_SS\_OG\_INTER)  
DECLARATION (INTERROGATE\_SS\_OG\_INTER\_CONTENT)  
DECLARATION (INTERROGATE\_SS\_OG\_INTER\_BUT\_HOME)  
DECLARATION (INTERROGATE\_SS\_OG\_INTER\_BUT\_HOME\_CONTENT)  
DECLARATION (INTERROGATE\_SS\_IC)  
DECLARATION (INTERROGATE\_SS\_IC\_CONTENT)  
DECLARATION (INTERROGATE\_SS\_IC\_ROAMING)  
DECLARATION (INTERROGATE\_SS\_IC\_ROAMING\_CONTENT)  
DECLARATION (INTERROGATE\_SS\_CLIR)  
DECLARATION (INTERROGATE\_SS\_CLIR\_CONTENT)  
DECLARATION (INTERROGATE\_SS\_RESULT)  
DECLARATION (INTERROGATE\_SS\_RESULT\_ARR)  
DECLARATION (PLMN\_LIST)  
DECLARATION (PLMN\_NULL)  
DECLARATION (LAC\_LIST)  
DECLARATION (FORB\_PLMN\_LIST)  
DECLARATION (RX\_LEVEL\_LIST)  
DECLARATION (GPRS\_STATUS\_LIST)

```

DECLARATION (REGISTER_CLIR)
DECLARATION (REGISTER_CLIR_ARR)
DECLARATION (DEREGISTER_CLIR)
DECLARATION (DEREGISTER_CLIR_ARR)
DECLARATION (RELEASE_COMPLETE_CLIR)
DECLARATION (RELEASE_COMPLETE_CLIR_ARR)
DECLARATION (CH_MODE_FAX_TCH_F)
DECLARATION (CH_MODE_SPEECH_TCH_F)
DECLARATION (CH_MODE_DATA_TCH_F)
DECLARATION (CAP_DCS0)
DECLARATION (CAP_DIS0)
DECLARATION (CAPS_DCS0)
DECLARATION (TP_OA)
DECLARATION (TP_SCTS)
DECLARATION (TP_UD1)
DECLARATION (DTI2_DTR_PARAMETERS1)
DECLARATION (SERIAL_LINE_STATES_1)
DECLARATION (DTI2_SDU_1)
DECLARATION (SMS_DELIVER_CONC_1)
DECLARATION (SMS_DELIVER_CONC_2)
DECLARATION (SMS_SDU_MT_CONC_1)
DECLARATION (SMS_SDU_MT_CONC_2)
DECLARATION (SIM_CPHS_VMW_FIELD)
DECLARATION (CBCH_MSG_IDS)
DECLARATION (CBCH_DCS_IDS)
DECLARATION (CBCH_MSG_1)
DECLARATION (SMS_CONFIG)
DECLARATION (CBCH_MSG_IDS_NEW_BC)
DECLARATION (COM_PARS)
DECLARATION (SMREG_QOS_0)
DECLARATION (PDP_ADDRESS_1)
DECLARATION (SMREG_APN_NAME)
DECLARATION (SMREG_CODING_OPTIONS)
DECLARATION (ADDRESS_BUF_1)
DECLARATION (APN)

/* AT command: COPS*/
STRING(C_COPS_0, "AT+COPS=0\r")
STRING(C_COPS_1, "AT+COPS=1\r")
STRING(C_PLUS_COPS_MAN_NUM, "AT+COPS=1,2,\"262021\"")
STRING(C_COPS_Q, "AT+COPS=?\r")
STRING(M_OK, "OK")
STRING(M_PERCENT_SIMREM_ERR_0, "%SIMREM: 0")
STRING(M_RING, "RING")

```

```

BYTE LM_RING_LEN 4
BYTE LM_PERCENT_SIMREM_ERR_0 10
BYTE LM_OK 5
BYTE LC_COPS 10
BYTE LC_PLUS_COPS_MAN_NUM 19
BYTE TI_MO_0 0x00
BYTE TI_MO_1 0x01
BYTE TI_MT_9 0x09
BYTE TI_RESP_M0 0x08
BYTE PIN_3_ATTEMPTS 3
BYTE PIN_2_ATTEMPTS 2
BYTE PUK_10_ATTEMPTS 10

```



BYTE PIN\_1 1  
BYTE PIN\_2 2  
BYTE PARAM\_OK 0  
BYTE ZERO\_VALUE 0x00  
BYTE RAC\_89 0x89  
/\* all profiles supported 0xE0 \*/  
BYTE MMI\_AND\_FDN\_BDN 0xE0  
BYTE NUM\_0 0  
BYTE NUM\_1 1  
BYTE NUM\_2 2  
BYTE NUM\_3 3  
BYTE NUM\_4 4  
BYTE NUM\_5 5  
BYTE NUM\_6 6  
BYTE NUM\_7 7  
BYTE NUM\_8 8  
BYTE NUM\_9 9  
BYTE NUM\_10 10  
BYTE NUM\_12 12  
BYTE NUM\_14 14  
BYTE NUM\_17 17  
BYTE NUM\_20 20  
BYTE NUM\_21 21  
BYTE NUM\_22 22  
BYTE NUM\_FF 255  
BYTE NUM\_1000 1000  
BYTE UART\_TUI 2  
BYTE GACI\_TUI 1  
BYTE PHB\_RECORD\_1 1  
BYTE PHB\_RECORD\_2 2  
BYTE PHB\_RECORD\_3 3  
BYTE PHB\_RECORD\_4 4  
BYTE PHB\_RECORD\_5 5  
BYTE PHB\_RECORD\_6 6  
BYTE PHB\_RECORD\_7 7  
BYTE PHB\_RECORD\_8 8  
BYTE PHB\_MAX\_RECORD\_8 8  
BYTE PHB\_LENGTH\_1 1  
BYTE PHB\_LENGTH\_ADN 52  
BYTE TOTAL\_SIM\_RECORDS\_10 10  
BYTE USED\_SIM\_RECORDS\_1 1  
BYTE STATUS\_SIM\_RECORDS SMS\_RECORDS\_FREE  
BYTE TOTAL\_ME\_RECORDS\_0 0  
BYTE USED\_ME\_RECORDS\_0 0  
BYTE STATUS\_ME\_RECORDS SMS\_RECORD\_DEFECT  
BYTE DUMMY\_VALUE 0  
BYTE REC\_NUM\_0 0  
BYTE REC\_NUM\_1 1  
BYTE REC\_NUM\_2 2  
BYTE L\_FAC\_64 64  
BYTE L\_FAC\_104 104  
BYTE L\_FAC\_128 128  
BYTE L\_FAC\_176 176  
BYTE L\_FAC\_200 200  
BYTE L\_FAC\_600 600  
BYTE L\_FAC\_7 7  
BYTE NUM\_DATA\_BITS 8  
BYTE NUM\_STOP\_BITS\_1 1



```

BYTE NUM_STOP_BITS_2 2
BYTE L2R_CODE_STR_LEN 6
BYTE L2R_RETRANS_ATTEMPTS 0x06
BYTE L2R_RELAY_DELAY 0
BYTE L2R_RELAY_DELAY_20 20
BYTE L2R_ACK_TIMER 0x30
BYTE HALF_RATE_FLAG_0 0x00
BYTE TCF_THRESHOLD_90 90
BYTE HDLC_REPORT_1 1
BYTE TP_VT_MTI SMS_VT_DELIVER /* virtual msg type */
BYTE RP_SRI_UDH_MMS_MTI 0x04 /* reply path, no data hdr,no stat rep,no more msg's waiting,MT sms */
BYTE TP_PID SMS_PID_DEFAULT /* protocol id */
BYTE TP_DCS SMS_DCS_DATA_CLASS /* data coding scheme with msg class */
BYTE TP_TIME_ZONE 0x40 /* 1 hour passed GMT */
BYTE MAX_SLOT_ID_0 0 /* max slot id for SMREG */
BYTE BIP_CH_ID_1 1 /* bearer independent channel */
BYTE SIM_DTI_NORMAL_DIRECTION 0
BYTE SIM_DTI_REQ_NOT_APPLICABLE 0
BYTE SAT_NTW_CS_NO_ERROR 0x00 /* no error cause */
BYTE SIM_DTI_CONNECT_BIP_OPEN 0x05 /* DTI Connect and BIP Open? */

UBYTE DTI2_DTR_PARAMETER_ID = 0x04;

USHORT L2R_WIN_SIZE_IWF_MS = 0x003d;
USHORT L2r_WIN_SIZE_MS_IWF = 0x003d;
USHORT L2R_NUM_CODE_WORDS = 0x0200;
USHORT L2R_BUFFER_SIZE_2048 = 2048;
USHORT L2R_BYTES_PER_PRIM_250 = 250;
USHORT NO_FRAMES_PER_PRIM_3 = 3;
USHORT TRANS_RATE_9600 = 9600;
USHORT NSAPI_SET_NSAPI_5 = 0x0020;
USHORT NSAPI_SET_NSAPI_6 = 0x0040;
USHORT NSAPI_SET_NSAPI_56 = 0x0060;
USHORT MNSS_CAUSE_0600 = 0x0600;
USHORT LAC_1234 = 0x1234;
USHORT CID_0001 = 0x0001;
USHORT RX_LEVEL_100 = 0x0064;

LONG VAL_T3314 44000
LONG VAL_T3312 3240000
ULONG STRING_POINTER = 0xfe1234ef;
ULONG STRING_NULL_POINTER = 0;
ULONG DTI2_LINK_ID_0 = 0;
ULONG DTI_LINK_ID_0 = 0;
LONG DTI_LINKID_NAME 0x00000100
LONG DTI_NEIGHBOR_NAME 0xFE1234EF /* this is an address so could change */
LONG TIME_10SEC 0x00000064 /* time to release DTI connection if no xfer */

#define PUK_1 3
#define DEVICE_1 NUM_0
#define DEVICE_2 NUM_3
#define UART_DTI_ID NUM_4
#define UART_DTI_ID_2 NUM_3
#define STANDARD_DLCL NUM_FF
/* values for the elimination of warnings */
#define UNUSED_IN_TESTCASE 0
#define OFF_HOOK_KEY 0x0d
#define PROACTIVE_SIM_CMD_TAG 0xD0 /* proactive SIM command tag */

```



```
#define CMD_DETAILS_TAG          0x81          /* command details tag */
#define DEV_ID_TAG              0x82          /* device identities tag */
#define ADDR_TAG                0x86          /* address tag */
#define BEAR_DESC_TAG          0xB5          /* bearer description tag */
#define BUF_SIZE_TAG           0xB9          /* buffer size tag */
#define SIM_ME_TRANS_TAG       0xbc          /* SIM/ME interf. transp. level tag */
#define DESTINATION_PORT_1     0x07          /* 1. byte of port 1800 */
#define DESTINATION_PORT_2     0x08          /* 2. byte of port 1800 */
#define DEST_ADDR_TAG          0xbe          /* Data destination address tag */
#define DESTINATION_IP_1       0x0a          /* 1. byte of IP address 10.11.12.13 */
#define DESTINATION_IP_2       0x0b          /* 2. byte of IP address 10.11.12.13 */
#define DESTINATION_IP_3       0x0c          /* 3. byte of IP address 10.11.12.13 */
#define DESTINATION_IP_4       0x0d          /* 4. byte of IP address 10.11.12.13 */
#define SAT_CMD_OPEN_CHANNEL   0x40
#define QLF_OPCH_IMMDT_LINK_EST 0x1
#define QLF_OPCH_NO_AUTO_RECONNECT 0x0
#define DEV_SRC_SIM             0x81
#define DEV_DST_ME             0x82
#define BT_CSD                  0x1
#define UDP                     0x1
#define IPv4                    0x21
#define DLCI_0                  NUM_0
```

```
/* Parameters for DTI2_DATA_TEST_REQ */
BEGIN_PSTRUCT ("st_lines", SERIAL_LINE_STATES_1)
    SET_COMP ("st_flow", DTI_FLOW_ON)
    SET_COMP ("st_line_sa", DTI_SA_ON)
    SET_COMP ("st_line_sb", DTI_SB_OFF)
    SET_COMP ("st_break_len", DTI_BREAK_OFF)
ENDSTRUCT

BEGIN_PSTRUCT ("parameters", DTI2_DTR_PARAMETERS1)
    SET_COMP ("p_id", DTI2_DTR_PARAMETER_ID)
    SET_COMP ("st_lines", SERIAL_LINE_STATES_1)
ENDSTRUCT

/* originator address tp_oa */
BEGINARRAY (TP_OA, 8)
    0x0B,          /* number of digits */
    0x28,          /* ton+mpi */
    0x01,0x13, 0x17, 0x08, 0x35, 0xF7
ENDARRAY
```

```
/* Parameters for UART Serial link */
BEGIN_PSTRUCT ("comPar", COM_PARS)
    SET_COMP ("speed", UART_IO_SPEED_115200)
    SET_COMP ("bpc", UART_IO_BPC_8)
    SET_COMP ("nsb", UART_IO_SB_1)
    SET_COMP ("parity", UART_IO_PA_NONE)
    SET_COMP ("flow_rx", UART_IO_FC_RX_RTS)
    SET_COMP ("flow_tx", UART_IO_FC_TX_RTS)
    SET_COMP ("xon_valid", UART_IO_XON_VALID)
    SET_COMP ("xon", UART_IO_XON_DEFAULT)
    SET_COMP ("xoff_valid", UART_IO_XOFF_VALID)
    SET_COMP ("xoff", UART_IO_XOFF_DEFAULT)
    SET_COMP ("esc_valid", UART_IO_ESC_UNDEF)
    SET_COMP ("esc_char", 0)
    SET_COMP ("esc_gp", UART_IO_ESC_OFF)
```







```
/*
BEGINARRAY (PHB_ADN_RECORD_1,52)
    0x4A, 0x49, 0x45, 0x45, 0x45, 0x45, 0x45, 0x45,
    0x4A, 0x49, 0x45, 0x45, 0x45, 0x45, 0x45, 0x45, 0x4A, 0x49, 0x45, 0x45, 0x45, 0x45,
    0x45, 0x4A, 0x49, 0x45, 0x45, 0x45, 0x45, 0x45, 0x45, 0x4A, 0x49, 0x45, 0x45, 0x45, 0xFF,
    0x06, 0x81, 0x30, 0x30, 0x09, 0x49, 0x01, 0xF3, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY
*/
/* ERIC ERIC */
BEGINARRAY (PHB_ADN_RECORD_3,52)
    0x45, 0x52, 0x49, 0x43, 0x20, 0x45, 0x52, 0x49,
    0x43, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0x07, 0x81,
    0x10, 0x13, 0x17, 0x08, 0x35, 0xF7, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY

BEGINARRAY (PHB_ADN_RECORD_EMPTY,52)
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY

/* ERWIN*/
BEGINARRAY (PHB_ADN_RECORD_4,52)
    0x45, 0x52, 0x57, 0x49, 0x4E, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0x07, 0x81, 0x30, 0x30, 0x09, 0x49, 0x01, 0xF8, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY

/* ANDREAS */
BEGINARRAY (PHB_ADN_RECORD_1,52)
    0x41, 0x4E, 0x44, 0x52, 0x45, 0x41, 0x53, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0x05, 0x81, 0x10, 0x17, 0x11, 0x42, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY

/* BERND */
BEGINARRAY (PHB_ADN_RECORD_2,52)
    0x42, 0x45, 0x52, 0x4E, 0x44, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0x06, 0x81, 0x94, 0x93, 0x90, 0x14, 0x61, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY

/* JVJ */
BEGINARRAY (PHB_ADN_RECORD_5,52)
    0x4A, 0x56, 0x4A, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0x07, 0x81, 0x30, 0x30, 0x89, 0x84, 0x76, 0xF5, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY

/* STEFAN */
```



0x01, 0x02, 0x01

ENDARRAY

/\* BC\_PARA\_SPEECH

0	User rate
5	Bearer serv speech
0	Connection element
0	Stop bits
0	Data bits
0	Parity
0	Flow control
0	Modem type

\*/

```

BEGIN_PSTRUCT ("bcpara", BC_PARA_SPEECH)
    SET_COMP ("rate", UR_NOT_PRES)
    SET_COMP ("bearer_serv", BEARER_SERV_SPEECH)
    SET_COMP ("conn_elem", CONN_ELEM_NOT_PRES)
    SET_COMP ("stop_bits", ZERO_VALUE)
    SET_COMP ("data_bits", DATA_8_BIT)
    SET_COMP ("parity", PARITY_NONE)
    SET_COMP ("flow_control", NO_FLOW_CONTROL)
    SET_COMP ("modem_type", MT_NONE)
ENDSTRUCT

```

/\* BC\_PARA\_ASYNC\_1200 \*/

```

BEGIN_PSTRUCT ("bcpara", BC_PARA_ASYNC_1200)
    SET_COMP ("rate", UR_1_2_KBIT)
    SET_COMP ("bearer_serv", BEARER_SERV_ASYNC)
    SET_COMP ("conn_elem", CONN_ELEM_TRANS)
    SET_COMP ("stop_bits", STOP_2_BIT)
    SET_COMP ("data_bits", DATA_8_BIT)
    SET_COMP ("parity", PARITY_NONE)
    SET_COMP ("flow_control", OUTBAND_FLOW_CONTROL)
    SET_COMP ("modem_type", MT_V22)
ENDSTRUCT

```

/\* BC\_PARA\_FAX \*/

```

BEGIN_PSTRUCT ("bcpara", BC_PARA_FAX)
    SET_COMP ("rate", UR_9_6_KBIT)
    SET_COMP ("bearer_serv", BEARER_SERV_FAX)
    SET_COMP ("conn_elem", CONN_ELEM_NON_TRANS)
    SET_COMP ("stop_bits", STOP_1_BIT)
    SET_COMP ("data_bits", DATA_8_BIT)
    SET_COMP ("parity", PARITY_NONE)
    SET_COMP ("flow_control", OUTBAND_FLOW_CONTROL)
    SET_COMP ("modem_type", MT_V22)
ENDSTRUCT

```

/\* for sim toolkit CSD channel \*/

```

BEGIN_PSTRUCT ("bcpara", BC_PARA_ASYNC_9600)
    SET_COMP ("rate", UR_9_6_KBIT)
    SET_COMP ("bearer_serv", BEARER_SERV_ASYNC)
    SET_COMP ("conn_elem", CONN_ELEM_NON_TRANS)
    SET_COMP ("stop_bits", STOP_1_BIT)
    SET_COMP ("data_bits", DATA_8_BIT)
    SET_COMP ("parity", PARITY_NONE)

```

```

        SET_COMP ("flow_control", NO_FLOW_CONTROL)
        SET_COMP ("modem_type", MT_V34)
    ENDSTRUCT

BEGIN_PSTRUCT ("bcpara", BC_PARA_SYNC_9600)
    SET_COMP ("rate", UR_9_6_KBIT)
    SET_COMP ("bearer_serv", BEARER_SERV_SYNC)
    SET_COMP ("conn_elem", CONN_ELEM_NON_TRANS)
    SET_COMP ("stop_bits", STOP_1_BIT)
    SET_COMP ("data_bits", DATA_8_BIT)
    SET_COMP ("parity", PARITY_NONE)
    SET_COMP ("flow_control", NO_FLOW_CONTROL)
    SET_COMP ("modem_type", MT_V34)
ENDSTRUCT

BEGIN_PSTRUCT ("bcpara", BC_PARA_PAD_ACCESS_ASYNC)
    SET_COMP ("rate", UR_9_6_KBIT)
    SET_COMP ("bearer_serv", BEARER_SERV_PAD_ACCESS)
    SET_COMP ("conn_elem", CONN_ELEM_NON_TRANS)
    SET_COMP ("stop_bits", STOP_1_BIT)
    SET_COMP ("data_bits", DATA_8_BIT)
    SET_COMP ("parity", PARITY_NONE)
    SET_COMP ("flow_control", NO_FLOW_CONTROL)
    SET_COMP ("modem_type", MT_V34)
ENDSTRUCT

/* BC_PARA_NO_SERVICE


|     |                    |
|-----|--------------------|
| 0   | User rate          |
| 255 | Bearer serv none   |
| 0   | Connection element |
| 0   | stop bits          |
| 0   | data bits          |
| 0   | Parity             |
| 0   | flow control       |
| 0   | Modem type         |


*/
BEGIN_PSTRUCT ("bcpara", BC_PARA_NO_SERVICE)
    SET_COMP ("rate", UR_NOT_PRES)
    SET_COMP ("bearer_serv", BEARER_SERV_NOT_PRES)
    SET_COMP ("conn_elem", CONN_ELEM_NOT_PRES)
    SET_COMP ("stop_bits", STOP_1_BIT)
    SET_COMP ("data_bits", DATA_8_BIT)
    SET_COMP ("parity", PARITY_NONE)
    SET_COMP ("flow_control", NO_FLOW_CONTROL)
    SET_COMP ("modem_type", MT_NONE)
ENDSTRUCT

BEGIN_PSTRUCT ("called_party", CLED_PARTY_112)
    SET_COMP ("ton", TON_UNKNOWN)
    SET_COMP ("npi", NPI_ISDN_TEL_NUMB_PLAN)
    SET_COMP ("c_called_num", 3)
    SET_COMP ("called_num", NUM_112)
ENDSTRUCT

BEGIN_PSTRUCT ("called_party", CLED_PARTY_01317180537)
    SET_COMP ("ton", TON_UNKNOWN)
    SET_COMP ("npi", NPI_ISDN_TEL_NUMB_PLAN)
    SET_COMP ("c_called_num", 11)

```

```
        SET_COMP ("called_num", NUM_01317180537)
ENDSTRUCT

BEGINARRAY_PART (NUM_01317180537, 11) 0x00, 0x01, 0x03, 0x01, 0x07, 0x01, 0x08, 0x00, 0x05, 0x03, 0x07 ENDARRAY

BEGIN_PSTRUCT ("called_party", CLED_PARTY_9876543210_FRED)
    SET_COMP ("ton", TON_UNKNOWN)
    SET_COMP ("npi", NPI_ISDN_TEL_NUMB_PLAN)
    SET_COMP ("c_called_num", 10)
    SET_COMP ("called_num", NUM_9876543210)
ENDSTRUCT

BEGINARRAY_PART (NUM_9876543210, 10) 0x09, 0x08, 0x07, 0x06, 0x05, 0x04, 0x03, 0x02, 0x01, 0x00 ENDARRAY

BEGIN_PSTRUCT ("called_party", CLED_PARTY_654321)
    SET_COMP ("ton", TON_UNKNOWN)
    SET_COMP ("npi", NPI_ISDN_TEL_NUMB_PLAN)
    SET_COMP ("c_called_num", 6)
    SET_COMP ("called_num", NUM_654321)
ENDSTRUCT

BEGIN_PSTRUCT ("called_party", CLED_PARTY_ERIC_NT)
    SET_COMP ("ton", TON_UNKNOWN)
    SET_COMP ("npi", NPI_ISDN_TEL_NUMB_PLAN)
    SET_COMP ("c_called_num", 11)
    SET_COMP ("called_num", NUM_X)
ENDSTRUCT

BEGINARRAY_PART (NUM_X, 11) 0x00, 0x01, 0x03, 0x01, 0x07, 0x01, 0x08, 0x00, 0x05, 0x03, 0x07 ENDARRAY

BEGIN_PSTRUCT ("called_party", CLED_PARTY_ERIC_T)
    SET_COMP ("ton", TON_INT_NUMB)
    SET_COMP ("npi", NPI_ISDN_TEL_NUMB_PLAN)
    SET_COMP ("c_called_num", 11)
    SET_COMP ("called_num", NUM_X)
ENDSTRUCT

BEGIN_PSTRUCT ("called_party", CLED_PARTY_VOICEMBX)
    SET_COMP ("ton", TON_UNKNOWN)
    SET_COMP ("npi", NPI_ISDN_TEL_NUMB_PLAN)
    SET_COMP ("c_called_num", 3)
    SET_COMP ("called_num", NUM_VOICEMBX_121)
ENDSTRUCT

BEGIN_PSTRUCT ("calling_party", CLG_PARTY_01317180537)
    SET_COMP ("ton", TON_NAT_NUMB)
    SET_COMP ("npi", NPI_NAT_NUMB_PLAN)
    SET_COMP ("present", PRES_PRES_ALLOW)
    SET_COMP ("screen", SCREEN_USER_PROV_NOT_SCREEN)
    SET_COMP ("c_num", 11)
    SET_COMP ("num", NUM_01317180537)
ENDSTRUCT

BEGIN_PSTRUCT ("calling_party", CLG_PARTY_654321)
    SET_COMP ("ton", TON_NAT_NUMB)
    SET_COMP ("npi", NPI_NAT_NUMB_PLAN)
    SET_COMP ("present", PRES_PRES_ALLOW)
    SET_COMP ("screen", SCREEN_USER_PROV_NOT_SCREEN)
```

```
        SET_COMP ("c_num", 6)
        SET_COMP ("num", NUM_654321)
ENDSTRUCT

BEGIN_PSTRUCT ("connected_number", CONNECTED_NUMBER_112)
    SET_COMP ("ton", TON_UNKNOWN)
    SET_COMP ("npi", NPI_ISDN_TEL_NUMB_PLAN)
    SET_COMP ("present", PRES_PRES_ALLOW)
    SET_COMP ("screen", SCREEN_USER_PROV_NOT_SCREEN)
    SET_COMP ("c_num", 3)
    SET_COMP ("num", NUM_112)
ENDSTRUCT

BEGINARRAY_PART (NUM_112, 3)
    0x01, 0x01, 0x02
ENDARRAY

BEGIN_PSTRUCT ("connected_number", CONNECTED_NUMBER_01317180537)
    SET_COMP ("ton", TON_UNKNOWN)
    SET_COMP ("npi", NPI_ISDN_TEL_NUMB_PLAN)
    SET_COMP ("present", PRES_PRES_ALLOW)
    SET_COMP ("screen", SCREEN_USER_PROV_NOT_SCREEN)
    SET_COMP ("c_num", 11)
    SET_COMP ("num", NUM_01317180537)
ENDSTRUCT

BEGIN_PSTRUCT ("connected_number", CONNECTED_NUMBER_654321)
    SET_COMP ("ton", TON_NAT_NUMB)
    SET_COMP ("npi", NPI_NAT_NUMB_PLAN)
    SET_COMP ("present", PRES_PRES_ALLOW)
    SET_COMP ("screen", SCREEN_USER_PROV_NOT_SCREEN)
    SET_COMP ("c_num", 6)
    SET_COMP ("num", NUM_654321)
ENDSTRUCT

/* calling/called/connected_party_sub (Calling/Called/Connected party subaddress) */
BEGIN_PSTRUCT ("called_party_sub", CLED_PARTY_SUB)
    SET_COMP ("tos", TOS_NOT_PRES)
    SET_COMP ("odd_even", OE_ODD)
    SET_COMP ("c_subaddr", 6)
    SET_COMP ("subaddr", NUM_654321)
ENDSTRUCT

BEGIN_PSTRUCT ("connected_number_sub", CONNECTED_PARTY_SUB_NONE)
    SET_COMP ("tos", TOS_NOT_PRES)
    SET_COMP ("odd_even", OE_ODD)
    SET_COMP ("c_subaddr", ZERO_VALUE)
    SET_COMP ("subaddr", NUM_654321)
ENDSTRUCT

BEGIN_PSTRUCT ("called_party_sub", CLED_PARTY_SUB_NONE)
    SET_COMP ("tos", TOS_NOT_PRES)
    SET_COMP ("odd_even", OE_EVEN)
    SET_COMP ("c_subaddr", ZERO_VALUE)
    SKIP_COMP ("subaddr")
ENDSTRUCT
```



























































```
BEGINARRAY_PART (ERASE_UNCONDITIONALLY_CONTENTS_V, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x21, 0x83, 0x01, 0x10
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFBUSY_V)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFBUSY_CONTENTS_V)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFBUSY_CONTENTS_V, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x29, 0x83, 0x01, 0x10
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFNOREPLY_V)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFNOREPLY_CONTENTS_V)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFNOREPLY_CONTENTS_V, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x10
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFNOSERVICE_V)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFNOSERVICE_CONTENTS_V)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFNOSERVICE_CONTENTS_V, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x83, 0x01, 0x10
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFNOSERVICE_F)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFNOSERVICE_CONTENTS_F)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFNOSERVICE_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x83, 0x01, 0x60
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_ALLCONFIGURED_V)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_ALLCONFIGURED_CONTENTS_V)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_ALLCONFIGURED_CONTENTS_V, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x28, 0x83, 0x01, 0x10
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFNOTREACHABLE_V)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFNOTREACHABLE_CONTENTS_V)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFNOTREACHABLE_CONTENTS_V, 16)
```

```
0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x28, 0x83, 0x01, 0x10
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_ALLDIVERTS_F)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_ALLDIVERTS_CONTENTS_F)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_ALLDIVERTS_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x20, 0x83, 0x01, 0x60
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_UNCONDITIONALLY_F)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_UNCONDITIONALLY_CONTENTS_F)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_UNCONDITIONALLY_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x21, 0x83, 0x01, 0x60
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFBUSY_F)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFBUSY_CONTENTS_F)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFBUSY_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x29, 0x83, 0x01, 0x60
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFNOREPLY_F)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFNOREPLY_CONTENTS_F)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFNOREPLY_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x60
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_ALLCONFIGURED_F)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_ALLCONFIGURED_CONTENTS_F)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_ALLCONFIGURED_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x28, 0x83, 0x01, 0x60
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFNOTREACHABLE_F)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFNOTREACHABLE_CONTENTS_F)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFNOTREACHABLE_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x28, 0x83, 0x01, 0x60
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_ALLDIVERTS_D)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_ALLDIVERTS_CONTENTS_D)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_ALLDIVERTS_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x20, 0x82, 0x01, 0x00
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_UNCONDITIONALLY_D)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_UNCONDITIONALLY_CONTENTS_D)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_UNCONDITIONALLY_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x21, 0x82, 0x01, 0x00
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFBUSY_D)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFBUSY_CONTENTS_D)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFBUSY_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x29, 0x82, 0x01, 0x00
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFNOSERVICE_D)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFNOSERVICE_CONTENTS_D)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFNOSERVICE_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x82, 0x01, 0x00
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFNOREPLY_D)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFNOREPLY_CONTENTS_D)
ENDSTRUCT
```

```
BEGINARRAY_PART (ERASE_IFNOREPLY_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x82, 0x01, 0x00
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_ALLCONFIGURED_D)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
```

```
        SET_COMP ("fac", ERASE_ALLCONFIGURED_CONTENTS_D)
ENDSTRUCT

BEGINARRAY_PART (ERASE_ALLCONFIGURED_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x28, 0x82, 0x01, 0x00
ENDARRAY

BEGIN_PSTRUCT ("fac_inf", FAC_ERASE_IFNOTREACHABLE_D)
    SET_COMP ("i_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", ERASE_IFNOTREACHABLE_CONTENTS_D)
ENDSTRUCT

BEGINARRAY_PART (ERASE_IFNOTREACHABLE_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0B, 0x30, 0x06, 0x04, 0x01, 0x28, 0x82, 0x01, 0x00
ENDARRAY

BEGIN_PSTRUCT ("fac_inf", RESULT_ERASE_ALLDIVERTS_V)
    SET_COMP ("i_fac", 0x00F8)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", RESULT_ERASE_ALL_DIVERTS_CONTENTS)
ENDSTRUCT

BEGINARRAY_PART (RESULT_ERASE_ALL_DIVERTS_CONTENTS, 23)
    0xA2, 0x15, 0x02, 0x01, 0x00, 0x30, 0x10, 0x02, 0x01, 0x0B, 0xA0, 0x0B, 0x04, 0x01, 0x28, 0x30, 0x06, 0x83, 0x01,
    0x10, 0x84, 0x01, 0x04
ENDARRAY

BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_CALLS_V)
    SET_COMP ("i_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_CALLS_CONTENTS_V)
ENDSTRUCT

BEGINARRAY_PART (DIVERT_STATUS_CALLS_CONTENTS_V, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x21, 0x83, 0x01, 0x10
ENDARRAY

BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_CALLS_F)
    SET_COMP ("i_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_CALLS_CONTENTS_F)
ENDSTRUCT

BEGINARRAY_PART (DIVERT_STATUS_CALLS_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x21, 0x83, 0x01, 0x60
ENDARRAY

BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_CALLS_D)
    SET_COMP ("i_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_CALLS_CONTENTS_D)
ENDSTRUCT

BEGINARRAY_PART (DIVERT_STATUS_CALLS_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x21, 0x82, 0x01, 0x00
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_IFBUSY_V)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_IFBUSY_CONTENTS_V)
ENDSTRUCT

BEGINARRAY_PART (DIVERT_STATUS_IFBUSY_CONTENTS_V, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x29, 0x83, 0x01, 0x10
ENDARRAY

BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_IFBUSY_F)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_IFBUSY_CONTENTS_F)
ENDSTRUCT

BEGINARRAY_PART (DIVERT_STATUS_IFBUSY_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x29, 0x83, 0x01, 0x60
ENDARRAY

BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_IFBUSY_D)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_IFBUSY_CONTENTS_D)
ENDSTRUCT

BEGINARRAY_PART (DIVERT_STATUS_IFBUSY_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x29, 0x82, 0x01, 0x00
ENDARRAY

BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_IFNOREPLY_V)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_IFNOREPLY_CONTENTS_V)
ENDSTRUCT

BEGINARRAY_PART (DIVERT_STATUS_IFNOREPLY_CONTENTS_V, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x10
ENDARRAY

BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_IFNOREPLY_F)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_IFNOREPLY_CONTENTS_F)
ENDSTRUCT

BEGINARRAY_PART (DIVERT_STATUS_IFNOREPLY_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x83, 0x01, 0x60
ENDARRAY

BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_IFNOREPLY_D)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_IFNOREPLY_CONTENTS_D)
ENDSTRUCT

BEGINARRAY_PART (DIVERT_STATUS_IFNOREPLY_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x2A, 0x82, 0x01, 0x00
```

ENDARRAY

```
BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_IFNONETWORK_V)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_IFNONETWORK_CONTENTS_V)
ENDSTRUCT
```

```
BEGINARRAY_PART (DIVERT_STATUS_IFNONETWORK_CONTENTS_V, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x83, 0x01, 0x10
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_IFNONETWORK_F)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_IFNONETWORK_CONTENTS_F)
ENDSTRUCT
```

```
BEGINARRAY_PART (DIVERT_STATUS_IFNONETWORK_CONTENTS_F, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x83, 0x01, 0x60
ENDARRAY
```

```
BEGIN_PSTRUCT ("fac_inf", FAC_DIVERT_STATUS_IFNONETWORK_D)
    SET_COMP ("l_fac", 0x0080)
    SET_COMP ("o_fac", 0x0000)
    SET_COMP ("fac", DIVERT_STATUS_IFNONETWORK_CONTENTS_D)
ENDSTRUCT
```

```
BEGINARRAY_PART (DIVERT_STATUS_IFNONETWORK_CONTENTS_D, 16)
    0xA1, 0x0E, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0E, 0x30, 0x06, 0x04, 0x01, 0x2B, 0x82, 0x01, 0x00
ENDARRAY
```

```
BEGINARRAY (CBCH_MSG_ID_ARR,40)
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY
```

```
BEGINARRAY (CBCH_DCS_ID_ARR,20)
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY
```

```
BEGINARRAY (CBCH_MSG_IDS,40)
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY
```

```
BEGINARRAY (CBCH_MSG_IDS_NEW_BC,40)
    0x7B, 0x00, 0x7B, 0x00, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY
```

```
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY

BEGINARRAY (CBCH_DCS_IDS,20)
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF,
    0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF, 0xFF
ENDARRAY

BEGINARRAY (CBCH_MSG_1,8)
    0x12, 0x34, 0x56, 0x78, 0x9A, 0xBC, 0xDE, 0xFF
ENDARRAY

BEGINARRAY (SMS_CONFIG, 8)
    0x20, 0x00, /* sdu.l_buf ( in bit!!! )*/
    0x00, 0x00, /* sdu.o_buf*/
    0x03, 0x00, 0x00, 0x02 /* sdu.buf */
ENDARRAY

BEGINARRAY (APN_BUF_1, 4)
    0x03, 0x41, 0x50, 0x4E
ENDARRAY

/* EF ECC field array */
BEGINARRAY (A_ECC_FIELD,12)
    0x11, 0xF2, 0xFF, 0x99, 0xF9, 0xFF, 0x21, 0x43, 0x65, 0xFF, 0xFF, 0xFF
ENDARRAY

/* EF AD field array , disable CI */
BEGINARRAY_PART (A_AD_FIELD_CI_DISABLED,4)
    0x00, 0x00, 0x00, 0x02
ENDARRAY

/* EF AD field array , enable CI */
BEGINARRAY_PART (A_AD_FIELD_CI_ENABLED,4)
    0x00, 0x00, 0x01, 0x02
ENDARRAY

BEGINARRAY_PART (SIM_CPHS_FIELD,3)
    0x02, 0x80, 0x00
ENDARRAY

/* EF - CPHS VMW */
BEGINARRAY_PART (SIM_CPHS_VMW_FIELD,2)
    0x55, 0x55
ENDARRAY

BEGINARRAY (PREF_PLMN_ARRAY,3)
    0x00,0x04,0x09
ENDARRAY

BEGINARRAY (MCC_1,3)
    0x00,0x04,0x09
ENDARRAY

/* germany */
BEGINARRAY (MCC_262,3)
    0x02,0x06,0x02
```



```
        SKIP_COMP("mcc")
        SKIP_COMP("mnc")
ENDSTRUCT

BEGINARRAY (SIM_TOOLKIT_PROFILE,12)
    0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00
ENDARRAY

BEGINARRAY (NO_EC_CODES, 15)
    0xFF,0xFF,0xFF,0xFF,0xFF,
    0xFF,0xFF,0xFF,0xFF,0xFF,
    0xFF,0xFF,0xFF,0xFF,0xFF
ENDARRAY

BEGINARRAY (EC_CODES, 15)
    0x11, 0xF2, 0xFF,
    0x99, 0xF9, 0xFF,
    0xFF,0xFF,0xFF,0xFF,0xFF,
    0xFF,0xFF,0xFF,0xFF
ENDARRAY

BEGINARRAY (PUK_1_VALUE,8)
    0x31,0x32,0x33,0x34,0x35, 0x36,0x37,0x38
ENDARRAY

BEGINARRAY (PUK_2_VALUE_11223344,8)
    0x31,0x31,0x32,0x32,0x33, 0x33,0x34,0x34
ENDARRAY

BEGINARRAY (NO_PREF_LANG,5)
    0xFF,0xFF,0xFF,0xFF,0xFF
ENDARRAY

BEGINARRAY (STK_SUPPORTED, 20)
    0x4D,0x7F,0x97,0x3F,0x7F,0x00,0x00,0xFC,0x03,0x00,0,0x13,0x23,0,0,0,0x02,0,0,0
ENDARRAY

BEGINARRAY (IMSI_ARRAY,9)
    0x29, 0x26, 0x10, 0x74, 0x11, 0x94, 0x21, 0xFF, 0xFF
ENDARRAY

BEGINARRAY (DTI2_SDU_1, 8)
    0x20, 0x00, /* sdu.l_buf ( in bit!!! )*/
    0x00, 0x00, /* sdu.o_buf*/
    0x52, 0x49, 0x4e, 0x47 /* sdu.buf */
ENDARRAY

BEGINARRAY (SDU_1, 9)
    0x28, 0x00, /* sdu.l_buf ( in bit!!! )*/
    0x00, 0x00, /* sdu.o_buf*/
    0x55, 0x41, 0x52, 0x54, 0x00 /* sdu.buf */
ENDARRAY

BEGINARRAY (SDU_2, 10)
    0x30, 0x00, /* sdu.l_buf ( in bit!!! )*/
    0x00, 0x00, /* sdu.o_buf*/
    0x55, 0x41, 0x52, 0x54, 0xFF, 0x00
ENDARRAY
```

```
BEGINARRAY (SDU_3, 11)
    0x38, 0x00, /* sdu.l_buf ( in bit!! )*/
    0x00, 0x00, /* sdu.o_buf*/
    0x55, 0x41, 0x52, 0x54, 0xFF, 0xFE, 0x00
ENDARRAY

BEGINARRAY (SDU_ARRAY, 1)
    0x03
ENDARRAY

BEGIN_PSTRUCT("sdu", SDU)
    SET_COMP("l_buf", NUM_1)
    SET_COMP("o_buf", NUM_0)
    SET_COMP("buf", SDU_ARRAY)
ENDSTRUCT

BEGIN_PSTRUCT("sdu", SDU_SHOW)
    SHOW_COMP("l_buf")
    SHOW_COMP("o_buf")
    SHOW_COMP("buf")
ENDSTRUCT

BEGIN_PSTRUCT("pref_plmn", PREF_PLMN)
    SET_COMP("c_pref", NUM_3)
    SET_COMP("pref", PREF_PLMN_ARRAY)
ENDSTRUCT

BEGIN_PSTRUCT("imsi_field", IMSI)
    SET_COMP("c_field", NUM_9)
    SET_COMP("field", IMSI_ARRAY)
ENDSTRUCT

/* CH MODE DATA 9.6K */
BEGIN_PSTRUCT ("chm", CH_MODE_DATA_TCH_F)
    SET_COMP ("ch_type", CH_TCH_F)
    SET_COMP ("ch_mode", CHM_DATA_9_6)
ENDSTRUCT

/* CH MODE SIGNALLING */
BEGIN_PSTRUCT ("chm", CH_SIG_ONLY)
    SET_COMP ("ch_type", CH_SDCCH)
    SET_COMP ("ch_mode", CHM_SIG_ONLY)
ENDSTRUCT

/* CH MODE FAX */
BEGIN_PSTRUCT ("chm", CH_MODE_FAX_TCH_F)
    SET_COMP ("ch_type", CH_TCH_F)
    SET_COMP ("ch_mode", CHM_DATA_9_6)
ENDSTRUCT

/* CH MODE SPEECH */
BEGIN_PSTRUCT ("chm", CH_MODE_SPEECH_TCH_F)
    SET_COMP ("ch_type", CH_TCH_F)
    SET_COMP ("ch_mode", CHM_SPEECH_V3)
ENDSTRUCT

/* All things to do with SMS */
```



```

0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00

```

ENDARRAY

BEGIN\_PSTRUCT ("sms\_sdu", SMS\_SDU\_OUTGOING\_CALLS)

```

SET_COMP ("l_buf", 0xA0)
SET_COMP ("o_buf", NUM_0)
SET_COMP ("buf", SMS_MSG_OUTGOING_CALLS)

```

ENDSTRUCT

/\* SMS containing "Eric" as input from the keys\*/

BEGINARRAY (SMS\_MSG\_OUTGOING\_CALLS, 175)

```

0x01, 0x81, 0x11, 0x00, 0x0B, 0x81, 0x10, 0x13,
0x17, 0x08, 0x35, 0xF7, 0x00, 0x00, 0xA7, 0x04,
0x45, 0x79, 0x7A, 0x0C, 0x00, 0x00, 0x00, 0x00,
0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00

```

ENDARRAY

BEGIN\_PSTRUCT ("sms\_sdu", SMS\_PHB)

```

SET_COMP ("l_buf", 0xA0)
SET_COMP ("o_buf", NUM_0)
SET_COMP ("buf", SMS_MSG_1)

```

ENDSTRUCT

BEGIN\_PSTRUCT ("sms\_sdu", SMS\_SDU\_1)

```

SET_COMP ("l_buf", 0xD8)
SET_COMP ("o_buf", NUM_0)
SET_COMP ("buf", SMS_MSG_1)

```

ENDSTRUCT

/\* SMS containing "Eric" as input from the keys\*/

BEGINARRAY (SMS\_MSG\_1, 175)

```

0x08, 0x81, 0x00, 0x44, 0x97, 0x37, 0x01, 0x90,

```





```

0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00
ENDARRAY

BEGIN_PSTRUCT ("sms_sdu", SMS_SDU_CONC_1)
    SET_COMP ("l_buf",          0x518)
    SET_COMP ("o_buf",          NUM_0)
    SET_COMP ("buf",            SMS_MSG_CONC_1)
ENDSTRUCT

/* SMS containing the first letter from each text input key, holding 160 7 bit chars as input from the keys*/
BEGINARRAY (SMS_MSG_CONC_1,175)
    0x08, 0x81, 0x00, 0x44, 0x97, 0x37, 0x01, 0x90,
    0x17, 0x51, 0x00, 0x0B, 0x81, 0x10, 0x13, 0x17,
    0x08, 0x35, 0xF7, 0x00, 0x00, 0xA7, 0xA0, 0x05,
    0x00, 0x03, 0x01, 0x02, 0x01, 0x82, 0xE4, 0xB3,
    0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA,
    0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D,
    0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7,
    0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF,
    0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3,
    0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4,
    0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3,
    0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA,
    0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D,
    0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7,
    0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF,
    0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3,
    0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4,
    0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3,
    0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA,
    0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D,
    0xA7, 0xDF, 0xC3, 0x00, 0x00, 0x00, 0x00, 0x00,
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00
ENDARRAY

/*BEGINARRAY (SMS_MSG_CONC_1,175)
    0x08, 0x81, 0x00, 0x44, 0x97, 0x37, 0x01, 0x90,
    0x17, 0x11, 0x00, 0x0B, 0x81, 0x10, 0x13, 0x17,
    0x08, 0x35, 0xF7, 0x00, 0x00, 0xA7, 0xA0, 0x41,
    0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2,
    0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59,
    0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD,
    0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD, 0x86,
    0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD, 0x86, 0xD3,
    0xEF, 0x61, 0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF,
    0x61, 0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61,
    0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2,
    0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59,
    0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD,
    0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD, 0x86,
    0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD, 0x86, 0xD3,
    0xEF, 0x61, 0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF,
    0x61, 0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61,
    0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2,
    0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59,
    0xDD, 0x86, 0xD3, 0xEF, 0x00, 0x00, 0x00, 0x00,
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00

```

ENDARRAY

\*/

```

BEGIN_PSTRUCT ("sms_sdu", SMS_SDU_MAX_1)
    SET_COMP ("l_buf",          0x518)
    SET_COMP ("o_buf",          NUM_0)
    SET_COMP ("buf",            SMS_MSG_MAX_1)
ENDSTRUCT

```

/\* max SMS msg \*/

```

BEGINARRAY (SMS_MSG_MAX_1,175)
    0x08, 0x81, 0x00, 0x44, 0x97, 0x37, 0x01, 0x90,
    0x17, 0x11, 0x00, 0x0B, 0x81, 0x10, 0x13, 0x17,
    0x08, 0x35, 0xF7, 0x00, 0x00, 0xA7, 0xA0, 0x41,
    0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2,
    0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59,
    0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD,
    0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD, 0x86,
    0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD, 0x86,
    0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD, 0x86, 0xD3,
    0xEF, 0x61, 0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF,
    0x61, 0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61,
    0xF2, 0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2,
    0x59, 0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59,
    0xDD, 0x86, 0xD3, 0xEF, 0x61, 0xF2, 0x59, 0xDD,
    0x86, 0xD3, 0xEF, 0x00, 0x00, 0x00, 0x00, 0x00,
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00

```

ENDARRAY

```

BEGIN_PSTRUCT ("sms_sdu", SMS_SDU_MT_CONC_2)
    SET_COMP ("l_buf",          0x518)
    SET_COMP ("o_buf",          NUM_0)
    SET_COMP ("buf",            SMS_DELIVER_CONC_2)
ENDSTRUCT

```

```

BEGIN_PSTRUCT ("sms_sdu", SMS_SDU_CONC_2)
    SET_COMP ("l_buf",          0x200)
    SET_COMP ("o_buf",          NUM_0)
    SET_COMP ("buf",            SMS_MSG_CONC_2)
ENDSTRUCT

```

/\* SMS containing the last letters from each text input key, holding 16 7 bit chars as input from the keys\*/

```

BEGINARRAY (SMS_MSG_CONC_2,175)
    0x08, 0x81, 0x00, 0x44, 0x97, 0x37, 0x01, 0x90,
    0x17, 0x51, 0x00, 0x0B, 0x81, 0x10, 0x13, 0x17,
    0x08, 0x35, 0xF7, 0x00, 0x00, 0xA7, 0x2E, 0x05,
    0x00, 0x03, 0x01, 0x02, 0x02, 0xC8, 0x67, 0x75,
    0x1B, 0x4E, 0xBF, 0x87, 0xC9, 0x67, 0x75, 0x1B,
    0x4E, 0xBF, 0x87, 0xC9, 0x67, 0x75, 0x1B, 0x4E,
    0xBF, 0x87, 0xC9, 0x67, 0x75, 0x1B, 0x4E, 0xBF,
    0x87, 0xC9, 0x67, 0x75, 0x1B, 0x4E, 0xBF, 0x03,
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,

```



```

0xA7, 0xA0, 0x00, /* length 167 , 1st data byte = zero = concat */
0xA4, 0x00, 0x02, 0x01, /* length udh, udh refnum, udh max num, udh seq num */
0x01, 0x82, 0xE4, 0xB3,
0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA,
0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D,
0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7,
0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF,
0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3,
0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4,
0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3,
0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA,
0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D,
0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7,
0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF,
0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3,
0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4,
0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3,
0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA,
0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D,
0xA7, 0xDF, 0xC3, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00
ENDARRAY

BEGIN_PSTRUCT ("sms_sdu", SMS_SDU_MT_CONC_1)
    SET_COMP ("l_buf", 0x518)
    SET_COMP ("o_buf", NUM_0)
    SET_COMP ("buf", SMS_DELIVER_CONC_1)
ENDSTRUCT

/* SMS delivery msg containing rp addr and the tpdu */
BEGINARRAY (SMS_DELIVER_CONC_2, 181)
    /* rp addr */
    0x07, /* num digits in rp addr */
    0x91, /* ton+npi */
    0x10,0x32, 0x54, 0x76, 0x98, 0xF9, /* rp number */
    0x44, /* no reply path, data hdr present, no stat rep, no more msg's waiting, MT sms */
    0x0B,0x28,0x10,0x13,0x17,0x08,0x35,0xF7, /* originator address, num digits, ton, npi, number */
    0x00, /* protocol identifier, default */
    0xF0, /* data coding scheme, with msg class */
    0x03,0x06,0x20, 0x11,0x15,0x95,0x40, /* service centre time stamp, year,month,day,hour,min,sec,timezone */
    /* user data */
    0xA7, 0xA0, 0x00, /* length 167 , 1st data byte = zero = concat */
    0xA4, 0x00, 0x02, 0x02, /* length udh, udh refnum, udh max num, udh seq num */
    0x01, 0x82, 0xE4, 0xB3,
    0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA,
    0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D,
    0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7,
    0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF,
    0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3,
    0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4,
    0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3,
    0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA,
    0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D,
    0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7,
    0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF,
    0xC3, 0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3,
    0xE4, 0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4,
    0xB3, 0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3,

```

```

    0xBA, 0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA,
    0x0D, 0xA7, 0xDF, 0xC3, 0xE4, 0xB3, 0xBA, 0x0D,
    0xA7, 0xDF, 0xC3, 0x00, 0x00, 0x00, 0x00, 0x00,
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00
ENDARRAY

BEGINARRAY ( SC_ADDR_1_NB, 9)
    0x09, 0x08, 0x07, 0x06, 0x05,
    0x04, 0x03, 0x02, 0x01
ENDARRAY

/* sim toolkit */

BEGIN_PSTRUCT ("stk_cmd", STK_DISPLAY_TEXT_SHORT)
    SET_COMP ("l_cmd", 0x0140)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_DISPLAY_TEXT_SHORT_CONTENT)
ENDSTRUCT

BEGINARRAY_PART (STK_DISPLAY_TEXT_SHORT_CONTENT, 40)
    0xD0, /* proactive SIM command tag */ /*/
    38, /* following length */ /*/
    0x81, /* command details tag */ /*/
    3, /* command details length */ /*/
    1, /* command number */ /*/
    0x21, /* command DISPLAY TEXT */ /*/
    1, /* high priority */ /*/
    0x82, /* device details tag */ /*/
    2, /* device details length */ /*/
    0x81, /* source SIM */ /*/
    0x02, /* destination Display */ /*/
    0x8D, /* text string tag */ /*/
    27, /* text string length */ /*/
    0, /* data coding scheme 8 bit */ /*/
    0x41, 0x42, 0x43, 0x44, 0x45, /* text */ /*/
    0x46, 0x47, 0x48, 0x49, 0x4A,
    0x4B, 0x4C, 0x4D, 0x4E, 0x4F,
    0x50, 0x51, 0x52, 0x53, 0x54,
    0x55, 0x56, 0x57, 0x58, 0x59,
    0x5A
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_TERM_RESP_DISPLAY_TEXT)
    SET_COMP ("l_cmd", 0x0060)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_TERM_RESP_DISPLAY_TEXT_CONTENT)
ENDSTRUCT

BEGINARRAY_PART (STK_TERM_RESP_DISPLAY_TEXT_CONTENT, 12)
    0x81, /* command details tag */ /*/
    3, /* command details length */ /*/
    1, /* command number */ /*/
    0x21, /* command DISPLAY TEXT */ /*/
    1, /* high priority */ /*/
    0x82, /* device details tag */ /*/
    2, /* device details length */ /*/
    0x82, /* source ME */ /*/
    0x81, /* destination SIM */ /*/

```



```

0x83,          /* result tag          */
1,            /* result length      */
0             /* result OK          */
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_SETUP_MENU)
SET_COMP ("i_cmd", 0x0138)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_SETUP_MENU_CONTENT)
ENDSTRUCT

BEGINARRAY_PART (STK_SETUP_MENU_CONTENT, 39)
0xD0,          /* proactive SIM command tag */
37,           /* following length          */
0x81,         /* command details tag      */
3,           /* command details length   */
6,           /* command number           */
0x25,        /* command SET UP MENU     */
0,           /* not used                 */
0x82,        /* device details tag       */
2,           /* device details length    */
0x81,        /* source SIM               */
0x82,        /* destination ME           */
0x85,        /* alpha identifier tag     */
10,          /* alpha identifier length  */
0x4D, 0x45, 0x4E, 0x55, 0x20, /* menu title */
0x54, 0x49, 0x54, 0x4C, 0x45,
0x8F,        /* item tag                */
6,           /* item length             */
0x49, 0x54, 0x45, /* item 1 */
0x4d, 0x20, 0x31,
0x0F,        /* item tag                */
6,           /* item length             */
0x49, 0x54, 0x45, /* item 2 */
0x4d, 0x20, 0x32
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_TERM_RESP_SETUP_MENU)
SET_COMP ("i_cmd", 0x0060)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_TERM_RESP_SETUP_MENU_CONTENT)
ENDSTRUCT

BEGINARRAY_PART (STK_TERM_RESP_SETUP_MENU_CONTENT, 12)
0x81,          /* command details tag          */
3,            /* command details length      */
6,            /* command number               */
0x25,        /* command DISPLAY TEXT        */
0,           /* low priority                 */
0x82,        /* device details tag           */
2,           /* device details length        */
0x82,        /* source ME                    */
0x81,        /* destination SIM              */
0x83,        /* result tag                    */
1,           /* result length                */
0            /* result OK                     */
ENDARRAY

```

```

BEGIN_PSTRUCT ("stk_cmd", STK_SELECT_ITEM)
    SET_COMP ("l_cmd", 0x00D8)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_SELECT_ITEM_CONTENT)
ENDSTRUCT

BEGINARRAY_PART (STK_SELECT_ITEM_CONTENT, 26)
    0xD0,                /* proactive SIM command tag */
    25,                 /* following length */
    0x81,               /* command details tag */
    3,                  /* command details length */
    7,                  /* command number */
    0x24,               /* command SELECT ITEM */
    0,                  /* not used */
    0x82,               /* device details tag */
    2,                  /* device details length */
    0x81,               /* source SIM */
    0x82,               /* destination ME */
    0x8F,               /* item tag */
    6,                  /* item length */
    0x69, 0x54, 0x45,  /* item 1 */
    0x4d, 0x20, 0x31,
    0x0F,               /* item tag */
    6,                  /* item length */
    0x49, 0x54, 0x45,  /* item 2 */
    0x4d, 0x20, 0x32
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_TERM_RESP_SELECT_ITEM)
    SET_COMP ("l_cmd", 0x0078)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_TERM_RESP_SELECT_ITEM_CONTENT)
ENDSTRUCT

BEGINARRAY_PART (STK_TERM_RESP_SELECT_ITEM_CONTENT, 15)
    0x81,                /* command details tag */
    3,                  /* command details length */
    7,                  /* command number */
    0x24,               /* command SELECT_ITEM */
    0,                  /* low priority */
    0x82,               /* device details tag */
    2,                  /* device details length */
    0x82,               /* source ME */
    0x81,               /* destination SIM */
    0x83,               /* result tag */
    1,                  /* result length */
    0,                  /* result OK */
    0x90,               /* item id tag*/
    1,                  /* item length*/
    0x69                /* ident of item chosen*/
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_GET_INKEY)
    SET_COMP ("l_cmd", 0x0140)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_GET_INKEY_CONTENT)

```

ENDSTRUCT

BEGINARRAY\_PART (STK\_GET\_INKEY\_CONTENT, 40)

```

0xD0,          /* proactive SIM command tag */
38,           /* following length */
0x81,         /* command details tag */
3,           /* command details length */
3,           /* command number */
0x22,        /* command GET INKEY */
1,          /* sms default alphabet */
0x82,        /* device details tag */
2,          /* device details length */
0x81,        /* source SIM */
0x82,        /* destination ME */
0x8D,        /* text string tag */
27,         /* text string length */
1,          /* data coding scheme 8 bit */
0x41, 0x42, 0x43, 0x44, 0x45, /* text */
0x46, 0x47, 0x48, 0x49, 0x4A,
0x4B, 0x4C, 0x4D, 0x4E, 0x4F,
0x50, 0x51, 0x52, 0x53, 0x54,
0x55, 0x56, 0x57, 0x58, 0x59,
0x5A

```

ENDARRAY

BEGIN\_PSTRUCT ("stk\_cmd", STK\_TERM\_RESP\_GET\_INKEY)

```

SET_COMP ("i_cmd", 0x0080)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_TERM_RESP_GET_INKEY_CONTENT)

```

ENDSTRUCT

BEGINARRAY\_PART (STK\_TERM\_RESP\_GET\_INKEY\_CONTENT, 15)

```

0x81,          /* command details tag */
3,           /* command details length */
3,           /* command number */
0x22,        /* command GET_INKEY */
1,          /* medium priority */
0x82,        /* device details tag */
2,          /* device details length */
0x82,        /* source ME */
0x81,        /* destination SIM */
0x83,        /* result tag */
1,          /* result length */
0,          /* result OK */
0x8D,        /* text string tag */
2,          /* length */
4,          /* DCS 8 bit data */
0x57        /* "W" in ASCII, key 9 */

```

ENDARRAY

BEGIN\_PSTRUCT ("stk\_cmd", STK\_GET\_INPUT)

```

SET_COMP ("i_cmd", 0x0160)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_GET_INPUT_CONTENT)

```

ENDSTRUCT

```

BEGINARRAY_PART (STK_GET_INPUT_CONTENT, 44)
    0xD0,          /* proactive SIM command tag */
    42,           /* following length */
    0x81,         /* command details tag */
    3,            /* command details length */
    4,            /* command number */
    0x23,         /* command GET INPUT */
    1,            /* sms default alphabet */
    0x82,         /* device details tag */
    2,            /* device details length */
    0x81,         /* source SIM */
    0x82,         /* destination ME */
    0x8D,         /* text string tag */
    27,          /* text string length */
    1,            /* data coding scheme 8 bit */
    0x41, 0x42, 0x43, 0x44, 0x45, /* text */
    0x46, 0x47, 0x48, 0x49, 0x4A,
    0x4B, 0x4C, 0x4D, 0x4E, 0x4F,
    0x50, 0x51, 0x52, 0x53, 0x54,
    0x55, 0x56, 0x57, 0x58, 0x59,
    0x5A,
    0x91,         /* response length tag */
    2,            /* response length length */
    3,            /* minimum response length */
    10           /* maximum response length */
ENDARRAY

```

ENDARRAY

```

BEGIN_PSTRUCT ("stk_cmd", STK_TERM_RESP_GET_INPUT)
    SET_COMP ("l_cmd", 0x0090)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_TERM_RESP_GET_INPUT_CONTENT)

```

ENDSTRUCT

```

BEGINARRAY_PART (STK_TERM_RESP_GET_INPUT_CONTENT, 15)
    0x81,          /* command details tag */
    3,             /* command details length */
    4,             /* command number */
    0x23,         /* command GET_INPUT */
    1,            /* medium priority */
    0x82,         /* device details tag */
    2,            /* device details length */
    0x82,         /* source ME */
    0x81,         /* destination SIM */
    0x83,         /* result tag */
    1,            /* result length */
    0,            /* result OK */
    0x8D,         /* text string tag */
    4,            /* length */
    4,            /* DCS 8 bit data */
    0x41,         /* "A" in ASCII, key 2 */
    0x64,         /* "d" in ASCII, key 3 */
    0x67         /* "g" in ASCII, key 4 */

```

ENDARRAY

```

BEGIN_PSTRUCT ("stk_cmd", STK_SEND_SMS)
    SET_COMP ("l_cmd", 0x0110)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_SEND_SMS_CONTENT)

```

ENDSTRUCT

BEGINARRAY\_PART (STK\_SEND\_SMS\_CONTENT, 34)

```

0xD0,          /* proactive SIM command tag */
32,           /* following length */
0x81,         /* command details tag */
3,           /* command details length */
8,           /* command number */
0x13,        /* type of command SEND SMS */
0,           /* command qualifier, no packing */
0x82,        /* device details tag */
2,           /* device details length */
0x81,        /* source SIM */
0x83,        /* destination Network */
0x8B,        /* SMS TPDU tag */
21,         /* SMS TPDU length */
0x19,        /* SUBMIT, VP-ABS */
0x04,
0x06, 0x91, 0x56, 0x34, 0x12, /* TP_ADDR_SBM */
0x00, 0x00,          /* pid, no class gsm alphabet */
0x89, 0x10, 0x70, 0x21, 0x43, 0x65, 0x40, /* GMT time plus 1 hour */
0x04, 0x45, 0x79, 0x7A, 0x0C /* sms text Eric */

```

ENDARRAY

BEGIN\_PSTRUCT ("sms\_sdu", SMS\_SDU\_STK)

```

SET_COMP ("i_buf", 0xB0)
SET_COMP ("o_buf", 0x00)
SET_COMP ("buf", SMS_SDU_STK_CONTENT)

```

ENDSTRUCT

BEGINARRAY\_PART (SMS\_SDU\_STK\_CONTENT, 22)

```

0x00, 0x19, 0x04, 0x06, 0x91, 0x56, 0x34, 0x12, 0x00, 0x00, 0x89, 0x10, 0x70, 0x21, 0x43, 0x65, 0x40,
0x04, 0x45, 0x79, 0x7A, 0x0c

```

ENDARRAY

BEGIN\_PSTRUCT ("stk\_cmd", STK\_TERM\_RESP\_SEND\_SMS)

```

SET_COMP ("i_cmd", 0x0060)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_TERM_RESP_SEND_SMS_CONTENT)

```

ENDSTRUCT

BEGINARRAY\_PART (STK\_TERM\_RESP\_SEND\_SMS\_CONTENT, 12)

```

0x81,          /* command details tag */
3,           /* command details length */
8,           /* command number */
0x13,        /* command SEND_SMS */
0,           /* low priority */
0x82,        /* device details tag */
2,           /* device details length */
0x82,        /* source ME */
0x81,        /* destination SIM */
0x83,        /* result tag */
1,           /* result length */
0            /* result OK */

```

ENDARRAY

BEGIN\_PSTRUCT ("stk\_cmd", STK\_SEND\_SS)

```

SET_COMP ("l_cmd", 0x00B8)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_SEND_SS_CONTENT)

```

ENDSTRUCT

BEGINARRAY\_PART (STK\_SEND\_SS\_CONTENT, 23)

```

0xD0,          /* proactive SIM command tag */
21,           /* following length */
0x81,         /* command details tag */
3,           /* command details length */
9,           /* command number */
0x11,        /* command SEND SS */
0,           /* not used */
0x82,        /* device details tag */
2,           /* device details length */
0x81,        /* source SIM */
0x83,        /* destination Network */
0x89,        /* SS string tag */
10,          /* SS string length */
145,         /* TON and NPI */
0xAA, 0x12, 0x0A, 0x31, 0x71, 0x81, 0x50, 0x73, 0x0B /* coded in BCD */

```

ENDARRAY

BEGIN\_PSTRUCT ("stk\_cmd", STK\_TERM\_RESP\_SEND\_SS)

```

SET_COMP ("l_cmd", 0x0060)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_TERM_RESP_SEND_SS_CONTENT)

```

ENDSTRUCT

BEGINARRAY\_PART (STK\_TERM\_RESP\_SEND\_SS\_CONTENT, 12)

```

0x81,          /* command details tag */
3,            /* command details length */
9,            /* command number */
0x11,         /* command SEND_SS */
0,           /* low priority */
0x82,        /* device details tag */
2,           /* device details length */
0x82,        /* source ME */
0x81,        /* destination SIM */
0x83,        /* result tag */
1,           /* result length */
0            /* result OK */

```

ENDARRAY

BEGINARRAY\_PART (STK\_DIVERT\_ALLCALLS\_CONTENT, 22)

```

0xA1, 0x14, 0x02, 0x01, 0x00, 0x02, 0x01, 0x0A, 0x30, 0x0C, 0x04, 0x01, 0x21, 0x84, 0x07, 0x91, 0x10, 0x13, 0x17, 0x08,
0x35, 0xF7

```

ENDARRAY

BEGIN\_PSTRUCT ("fac\_inf", STK\_DIVERT\_ALLCALLS)

```

SET_COMP ("l_fac", 0x00B0)
SET_COMP ("o_fac", 0x0000)
SET_COMP ("fac", STK_DIVERT_ALLCALLS_CONTENT)

```

ENDSTRUCT

BEGIN\_PSTRUCT ("stk\_cmd", STK\_SETUP\_CALL)

```

SET_COMP ("l_cmd", 0x00A0)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_SETUP_CALL_CONTENT)

```

ENDSTRUCT

BEGINARRAY\_PART (STK\_SETUP\_CALL\_CONTENT, 20)

```

0xD0,          /* proactive SIM command tag */
18,           /* following length */
0x81,         /* command details tag */
3,           /* command details length */
10,          /* command number */
0x10,        /* command SET UP CALL */
0,           /* Setup call if not busy */
0x82,        /* device details tag */
2,           /* device details length */
0x81,        /* source SIM */
0x83,        /* destination Network */
0x86,        /* address tag */
7,           /* address length */
0x91,        /* TON(1) and NPI(1) */
0x10, 0x13, 0x17, 0x08, 0x35, 0xF7

```

ENDARRAY

BEGIN\_PSTRUCT ("stk\_cmd", STK\_TERM\_RESP\_SETUP\_CALL)

```

SET_COMP ("l_cmd", 0x0060)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_TERM_RESP_SETUP_CALL_CONTENT)

```

ENDSTRUCT

BEGINARRAY\_PART (STK\_TERM\_RESP\_SETUP\_CALL\_CONTENT, 12)

```

0x81,          /* command details tag */
3,            /* command details length */
10,          /* command number */
0x10,        /* command SETUP CAL */
0,           /* low priority */
0x82,        /* device details tag */
2,           /* device details length */
0x82,        /* source ME */
0x81,        /* destination SIM */
0x83,        /* result tag */
1,           /* result length */
0            /* result OK */

```

ENDARRAY

BEGIN\_PSTRUCT ("stk\_cmd", STK\_TERM\_RESP\_SETUP\_CLASSE)

```

SET_COMP ("l_cmd", 0x00D0)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_TERM_RESP_SETUP_CLASSE_CONTENT)

```

ENDSTRUCT

BEGINARRAY\_PART (STK\_TERM\_RESP\_SETUP\_CLASSE\_CONTENT, 28)

```

0x81,          /* command details tag */
3,            /* command details length */
01,          /* command number */
0x40,        /* command CLASS E */
01,          /* low priority */
0x82,        /* device details tag */

```



```
2, /* device details length */
0x82, /* source ME */
0x81, /* destination SIM */
0x83, /* result tag */
1, /* result length */
0, /* result OK */
0xB8, /* destination SIM */
0x02, /* result tag */
0x81, /* result length */
0, /* result OK */
0xB5, /* destination SIM */
0x04, /* result tag */
1, /* result length */
0x0C, /* result OK */
0x00, 0x01, 0xB9, 0x02, 0x05, 0xDC, 0x00, 0x00
ENDARRAY

BEGIN_PSTRUCT ("called_party", STK_CLED_PARTY_01317180537)
SET_COMP ("ton", TON_INT_NUMB)
SET_COMP ("npi", NPI_ISDN_TEL_NUMB_PLAN)
SET_COMP ("c_called_num", 11)
SET_COMP ("called_num", NUM_01317180537)
ENDSTRUCT

BEGIN_PSTRUCT ("stk_cmd", STK_SETUP_CALL_BUSY)
SET_COMP ("i_cmd", 0x00A0)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_SETUP_CALL_BUSY_CONTENT)
ENDSTRUCT

BEGINARRAY_PART (STK_SETUP_CALL_BUSY_CONTENT, 20)
0xD0, /* proactive SIM command tag */
18, /* following length */
0x81, /* command details tag */
3, /* command details length */
10, /* command number */
0x10, /* command SET UP CALL */
1, /* Setup call by redial if busy */
0x82, /* device details tag */
2, /* device details length */
0x81, /* source SIM */
0x83, /* destination Network */
0x86, /* address tag */
7, /* address length */
0x91, /* TON(1) and NPI(1) */
0x10, 0x13, 0x17, 0x08, 0x35, 0xF7
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_OPEN_CHANNEL_IMM_CSD_DATA_CIRCUIT_ASYNC_UDI)
SET_COMP ("i_cmd", 0x00F0)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_OPEN_CHANNEL_IMM_CSD_CONTENT_0)
ENDSTRUCT

BEGINARRAY_PART (STK_OPEN_CHANNEL_IMM_CSD_CONTENT_0, 28)
0xD0, /* proactive SIM command tag */
28, /* following length */
```

```

0x81,          /* command details tag */
3,            /* command details length */
1,           /* command number */
0x40,        /* command OPEN_CHANNEL */
0x01,        /* comm qual, Immediate, no auto reconnect */
0x82,        /* device details tag */
2,           /* device details length */
0x81,        /* source SIM */
0x82,        /* destination ME */
0x86,        /* address tag */
7,           /* address length */
0x91,        /* TON(1) and NPI(1) */
0x10, 0x13, 0x17, 0x08, 0x35, 0xF7,
0xB5,        /* bearer description tag */
4,           /* bearer length */
0x01,        /* bearer type CSD */
12,         /* speed 9600 bps */
0,           /* name, data circuit asynch UDI */
1,           /* connection element non-transparent */
0xB9,        /* buffer size tag */
2,           /* buffer size length */
0x02, 0x32   /* buffer size of 562 bytes */

ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_OPEN_CHANNEL_IMM_CSD_DATA_CIRCUIT_SYNCH_UDI)
SET_COMP ("i_cmd", 0x00F0)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_OPEN_CHANNEL_IMM_CSD_CONTENT_1)

ENDSTRUCT

BEGINARRAY_PART (STK_OPEN_CHANNEL_IMM_CSD_CONTENT_1, 28)
0xD0,        /* proactive SIM command tag */
28,          /* following length */
0x81,        /* command details tag */
3,           /* command details length */
1,           /* command number */
0x40,        /* command OPEN_CHANNEL */
0x01,        /* comm qual, Immediate, no auto reconnect */
0x82,        /* device details tag */
2,           /* device details length */
0x81,        /* source SIM */
0x82,        /* destination ME */
0x86,        /* address tag */
7,           /* address length */
0x91,        /* TON(1) and NPI(1) */
0x10, 0x13, 0x17, 0x08, 0x35, 0xF7,
0xB5,        /* bearer description tag */
4,           /* bearer length */
0x01,        /* bearer type CSD */
12,         /* speed 9600 bps */
1,           /* name, data circuit synch UDI */
1,           /* connection element non-transparent */
0xB9,        /* buffer size tag */
2,           /* buffer size length */
0x02, 0x32   /* buffer size of 562 bytes */

ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_OPEN_CHANNEL_IMM_CSD_PAD_ACCESS_ASYNCH_UDI)

```

```

SET_COMP ("l_cmd", 0x00F0)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_OPEN_CHANNEL_IMM_CSD_CONTENT_2)

```

ENDSTRUCT

```

BEGINARRAY_PART (STK_OPEN_CHANNEL_IMM_CSD_CONTENT_2, 28)
    0xD0,          /* proactive SIM command tag */
    28,           /* following length */
    0x81,         /* command details tag */
    3,           /* command details length */
    1,           /* command number */
    0x40,         /* command OPEN_CHANNEL */
    0x01,         /* comm qual, Immediate, no auto reconnect */
    0x82,         /* device details tag */
    2,           /* device details length */
    0x81,         /* source SIM */
    0x82,         /* destination ME */
    0x86,         /* address tag */
    7,           /* address length */
    0x91,         /* TON(1) and NPI(1) */
    0x10, 0x13, 0x17, 0x08, 0x35, 0xF7,
    0xB5,         /* bearer description tag */
    4,           /* bearer length */
    0x01,         /* bearer type CSD */
    12,          /* speed 9600 bps */
    2,           /* name, PAD access asynch UDI*/
    1,           /* connection element non-transparent */
    0xB9,         /* buffer size tag */
    2,           /* buffer size length */
    0x02, 0x32   /* buffer size of 562 bytes */

```

ENDARRAY

```

BEGIN_PSTRUCT ("stk_cmd", STK_OPEN_CHANNEL_IMM_CSD_PACKET_ACCESS_SYNCH_UDI)
    SET_COMP ("l_cmd", 0x00F0)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_OPEN_CHANNEL_IMM_CSD_CONTENT_3)

```

ENDSTRUCT

```

BEGINARRAY_PART (STK_OPEN_CHANNEL_IMM_CSD_CONTENT_3, 28)
    0xD0,          /* proactive SIM command tag */
    28,           /* following length */
    0x81,         /* command details tag */
    3,           /* command details length */
    1,           /* command number */
    0x40,         /* command OPEN_CHANNEL */
    0x01,         /* comm qual, Immediate, no auto reconnect */
    0x82,         /* device details tag */
    2,           /* device details length */
    0x81,         /* source SIM */
    0x82,         /* destination ME */
    0x86,         /* address tag */
    7,           /* address length */
    0x91,         /* TON(1) and NPI(1) */
    0x10, 0x13, 0x17, 0x08, 0x35, 0xF7,
    0xB5,         /* bearer description tag */
    4,           /* bearer length */
    0x01,         /* bearer type CSD */

```

```

12,          /* speed 9600 bps */
3,          /* name, packet access synch UDI */
1,          /* connection element non-transparent */
0xB9,      /* buffer size tag */
2,          /* buffer size length */
0x02, 0x32 /* buffer size of 562 bytes */
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_OPEN_CHANNEL_IMM_CSD_DATA_CIRCUIT_ASYNCH_RDI)
SET_COMP ("l_cmd", 0x00F0)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_OPEN_CHANNEL_IMM_CSD_CONTENT_4)
ENDSTRUCT

BEGINARRAY_PART (STK_OPEN_CHANNEL_IMM_CSD_CONTENT_4, 28)
0xD0,      /* proactive SIM command tag */
28,        /* following length */
0x81,      /* command details tag */
3,         /* command details length */
1,         /* command number */
0x40,      /* command OPEN_CHANNEL */
0x01,      /* comm qual, Immediate, no auto reconnect */
0x82,      /* device details tag */
2,         /* device details length */
0x81,      /* source SIM */
0x82,      /* destination ME */
0x86,      /* address tag */
7,         /* address length */
0x91,      /* TON(1) and NPI(1) */
0x10, 0x13, 0x17, 0x08, 0x35, 0xF7,
0xB5,      /* bearer description tag */
4,         /* bearer length */
0x01,      /* bearer type CSD */
12,        /* speed 9600 bps */
4,         /* name, data circuit asynch RDI */
1,         /* connection element non-transparent */
0xB9,      /* buffer size tag */
2,         /* buffer size length */
0x02, 0x32 /* buffer size of 562 bytes */
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_OPEN_CHANNEL_IMM_CSD_DATA_CIRCUIT_SYNCH_RDI)
SET_COMP ("l_cmd", 0x00F0)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_OPEN_CHANNEL_IMM_CSD_CONTENT_5)
ENDSTRUCT

BEGINARRAY_PART (STK_OPEN_CHANNEL_IMM_CSD_CONTENT_5, 28)
0xD0,      /* proactive SIM command tag */
28,        /* following length */
0x81,      /* command details tag */
3,         /* command details length */
1,         /* command number */
0x40,      /* command OPEN_CHANNEL */
0x01,      /* comm qual, Immediate, no auto reconnect */
0x82,      /* device details tag */
2,         /* device details length */

```

```

0x81,          /* source SIM */
0x82,          /* destination ME */
0x86,          /* address tag */
7,            /* address length */
0x91,          /* TON(1) and NPI(1) */
0x10, 0x13, 0x17, 0x08, 0x35, 0xF7,
0xB5,          /* bearer description tag */
4,            /* bearer length */
0x01,          /* bearer type CSD */
12,           /* speed 9600 bps */
5,            /* name, data circuit synch RDI*/
1,            /* connection element non-transparent */
0xB9,          /* buffer size tag */
2,            /* buffer size length */
0x02, 0x32     /* buffer size of 562 bytes */
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_OPEN_CHANNEL_IMM_CSD_PAD_ACCESS_ASYNCH_RDI)
    SET_COMP ("i_cmd", 0x00F0)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_OPEN_CHANNEL_IMM_CSD_CONTENT_6)
ENDSTRUCT

BEGINARRAY_PART (STK_OPEN_CHANNEL_IMM_CSD_CONTENT_6, 28)
    0xD0,          /* proactive SIM command tag */
    28,           /* following length */
    0x81,          /* command details tag */
    3,            /* command details length */
    1,            /* command number */
    0x40,          /* command OPEN_CHANNEL */
    0x01,          /* comm qual, Immediate, no auto reconnect */
    0x82,          /* device details tag */
    2,            /* device details length */
    0x81,          /* source SIM */
    0x82,          /* destination ME */
    0x86,          /* address tag */
    7,            /* address length */
    0x91,          /* TON(1) and NPI(1) */
    0x10, 0x13, 0x17, 0x08, 0x35, 0xF7,
    0xB5,          /* bearer description tag */
    4,            /* bearer length */
    0x01,          /* bearer type CSD */
    12,           /* speed 9600 bps */
    6,            /* name, PAD access asynch RDI*/
    1,            /* connection element non-transparent */
    0xB9,          /* buffer size tag */
    2,            /* buffer size length */
    0x02, 0x32     /* buffer size of 562 bytes */
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_OPEN_CHANNEL_IMM_CSD_PACKET_ACCESS_SYNCH_RDI)
    SET_COMP ("i_cmd", 0x00F0)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_OPEN_CHANNEL_IMM_CSD_CONTENT_7)
ENDSTRUCT

```

```

BEGINARRAY_PART (STK_OPEN_CHANNEL_IMM_CSD_CONTENT_7, 28)
    0xD0,          /* proactive SIM command tag */
    28,           /* following length */
    0x81,         /* command details tag */
    3,            /* command details length */
    1,            /* command number */
    0x40,         /* command OPEN_CHANNEL */
    0x01,         /* comm qual, Immediate, no auto reconnect */
    0x82,         /* device details tag */
    2,            /* device details length */
    0x81,         /* source SIM */
    0x82,         /* destination ME */
    0x86,         /* address tag */
    7,            /* address length */
    0x91,         /* TON(1) and NPI(1) */
    0x10, 0x13, 0x17, 0x08, 0x35, 0xF7,
    0xB5,         /* bearer description tag */
    4,            /* bearer length */
    0x01,         /* bearer type CSD */
    12,          /* speed 9600 bps */
    7,            /* name, packet access synch RDI*/
    1,            /* connection element non-transparent */
    0xB9,         /* buffer size tag */
    2,            /* buffer size length */
    0x02, 0x32   /* buffer size of 562 bytes */
ENDARRAY

```

ENDARRAY

```

BEGIN_PSTRUCT ("stk_cmd", STK_OPEN_CHANNEL_IM_UDP)
    SET_COMP ("i_cmd", 0x0140)
    SET_COMP ("o_cmd", 0x0000)
    SET_COMP ("cmd", STK_OPEN_CHANNEL_IM_UDP_CONTENT)
ENDSTRUCT

```

ENDSTRUCT

```

BEGINARRAY_PART (STK_OPEN_CHANNEL_IM_UDP_CONTENT, 40)
    PROACTIVE_SIM_CMD_TAG,
    38,           /* following length */
    CMD_DETAILS_TAG,
    3,            /* command details length */
    1,            /* command number */
    SAT_CMD_OPEN_CHANNEL,
    (QLF_OPCH_IMMDT_LINK_EST | QLF_OPCH_NO_AUTO_RECONNECT),
    DEV_ID_TAG,
    2,            /* length */
    DEV_SRC_SIM,
    DEV_DST_ME,
    ADDR_TAG,
    5,            /* address length */
    145,         /* TON and NPI */
    0x31, 0x33,  /* dialling numbers */
    0x34, 0x35,  /* dialling numbers */
    BEAR_DESC_TAG,
    4,            /* length */
    BT_CSD,
    12,          /* speed */
    2,            /* name: PAD Access (async) (UDI) */
    0,            /* connection element transparent */
    BUF_SIZE_TAG,
    2,            /* length */

```

```

0x02, 0x32,          /* buffer size of 562 bytes */
SIM_ME_TRANS_TAG,
3,                  /* length */
UDP,
DESTINATION_PORT_1, /* port number 1800 */
DESTINATION_PORT_2,
DEST_ADDR_TAG,
5,                  /* length */
IPv4,
DESTINATION_IP_1,  /* Address: 10.11.12.13 */
DESTINATION_IP_2,
DESTINATION_IP_3,
DESTINATION_IP_4
ENDARRAY

BEGIN_PSTRUCT ("stk_cmd", STK_OPEN_CHANNEL_IM_L2R)
SET_COMP ("l_cmd", 0x00e0)
SET_COMP ("o_cmd", 0x0000)
SET_COMP ("cmd", STK_OPEN_CHANNEL_IM_L2R_CONTENT)
ENDSTRUCT

BEGINARRAY_PART (STK_OPEN_CHANNEL_IM_L2R_CONTENT, 28)
PROACTIVE_SIM_CMD_TAG,
26,                  /* following length */
CMD_DETAILS_TAG,
3,                  /* command details length */
1,                  /* command number */
SAT_CMD_OPEN_CHANNEL,
(QLF_OPCH_IMMDT_LINK_EST | QLF_OPCH_NO_AUTO_RECONNECT),
DEV_ID_TAG,
2,                  /* length */
DEV_SRC_SIM,
DEV_DST_ME,
ADDR_TAG,
5,                  /* address length */
145,                /* TON and NPI */
0x31, 0x33,         /* dialling numbers */
0x34, 0x35,         /* dialling numbers */
BEAR_DESC_TAG,
4,                  /* length */
BT_CSD,
12,                 /* speed */
2,                  /* name: PAD Access (async) (UDI) */
1,                  /* connection element non-transparent */
BUF_SIZE_TAG,
2,                  /* length */
0x02, 0x32         /* buffer size of 562 bytes */
ENDARRAY

BEGIN_PSTRUCT ("chm", CHAN_MODE_DATA_9_6)
SET_COMP ("ch_type", CH_TCH_F)
SET_COMP ("ch_mode", CHM_DATA_9_6)
ENDSTRUCT

/* capability: DIS (cap 0 only) */
BEGIN_PSTRUCT ("dis", CAP_DIS0)
SET_COMP ("v8", 0)
SET_COMP ("n_byte", 0)

```



```

SET_COMP ("ready_tx_fax",          0)
SET_COMP ("rec_fax_op",           1)
SET_COMP ("data_sig_rate",        8)
SET_COMP ("R8_lines_pels",        0)
SET_COMP ("two_dim_coding",       0)
SET_COMP ("rec_width",            0)
SET_COMP ("max_rec_len",          0)
SET_COMP ("min_scan_time",        7)
SKIP_COMP ("uncomp_mode")
SKIP_COMP ("err_corr_mode")
SKIP_COMP ("frame_size")
SKIP_COMP ("t6_coding")
SKIP_COMP ("R8_lines")
SKIP_COMP ("r_300_pels")
SKIP_COMP ("R16_lines_pels")
SKIP_COMP ("resolution_type")
SKIP_COMP ("i_res_pref")
SKIP_COMP ("m_res_pref")
SKIP_COMP ("min_scan_time_hr")
SKIP_COMP ("sel_polling")
SKIP_COMP ("subaddr")
SKIP_COMP ("password")
SKIP_COMP ("ready_tx_doc")
SKIP_COMP ("bff")
SKIP_COMP ("dtm")
SKIP_COMP ("edi")
SKIP_COMP ("btm")
SKIP_COMP ("ready_tx_mixed")
SKIP_COMP ("char_mode")
SKIP_COMP ("mixed_mode")
SKIP_COMP ("proc_mode_26")
SKIP_COMP ("dig_network_cap")
SKIP_COMP ("duplex")
SKIP_COMP ("jpeg")
SKIP_COMP ("full_colour")
SKIP_COMP ("huffman_tables")
SKIP_COMP ("r_12_bits_pel_comp")
SKIP_COMP ("no_subsamp")
SKIP_COMP ("cust_illum")
SKIP_COMP ("cust_gamu")
SKIP_COMP ("na_letter")
SKIP_COMP ("na_legal")
SKIP_COMP ("sing_prog_seq_coding_basic")
SKIP_COMP ("sing_prog_seq_coding_L0")

```

ENDSTRUCT

/\* capability: DCS (cap 0 only) \*/

```

BEGIN_PSTRUCT ("dcs", CAP_DCS0)
  SKIP_COMP ("v8")
  SKIP_COMP ("n_byte")
  SKIP_COMP ("ready_tx_fax")
  SET_COMP ("rec_fax_op",          0)
  SET_COMP ("data_sig_rate",      1)
  SET_COMP ("R8_lines_pels",      1)
  SET_COMP ("two_dim_coding",     1)
  SET_COMP ("rec_width",          1)
  SET_COMP ("max_rec_len",        2)
  SET_COMP ("min_scan_time",      4)

```

```

SKIP_COMP ("uncomp_mode")
SKIP_COMP ("err_corr_mode")
SKIP_COMP ("frame_size")
SKIP_COMP ("t6_coding")
SKIP_COMP ("R8_lines")
SKIP_COMP ("r_300_pels")
SKIP_COMP ("R16_lines_pels")
SKIP_COMP ("resolution_type")
SKIP_COMP ("i_res_pref")
SKIP_COMP ("m_res_pref")
SKIP_COMP ("min_scan_time_hr")
SKIP_COMP ("sel_polling")
SKIP_COMP ("subaddr")
SKIP_COMP ("password")
SKIP_COMP ("ready_tx_doc")
SKIP_COMP ("bff")
SKIP_COMP ("dtm")
SKIP_COMP ("edi")
SKIP_COMP ("btm")
SKIP_COMP ("ready_tx_mixed")
SKIP_COMP ("char_mode")
SKIP_COMP ("mixed_mode")
SKIP_COMP ("proc_mode_26")
SKIP_COMP ("dig_network_cap")
SKIP_COMP ("duplex")
SKIP_COMP ("jpeg")
SKIP_COMP ("full_colour")
SKIP_COMP ("huffman_tables")
SKIP_COMP ("r_12_bits_pel_comp")
SKIP_COMP ("no_subsamp")
SKIP_COMP ("cust_illum")
SKIP_COMP ("cust_gamut")
SKIP_COMP ("na_letter")
SKIP_COMP ("na_legal")
SKIP_COMP ("sing_prog_seq_coding_basic")
SKIP_COMP ("sing_prog_seq_coding_L0")

```

ENDSTRUCT

/\* capability info with DCS (cap 0 only) \*/

```

BEGIN_PSTRUCT ("hdlc_info", CAPS_DCS0)
    SET_COMP ("crp", FALSE)
    SET_COMP ("c_pwd", 0)
    SKIP_COMP ("pwd")
    SET_COMP ("c_sub", 0)
    SKIP_COMP ("sub")
    SET_COMP ("c_sep", 0)
    SKIP_COMP ("sep")
    SET_COMP ("c_nsc", 0)
    SKIP_COMP ("nsc")
    SET_COMP ("c_nsf", 0)
    SKIP_COMP ("nsf")
    SET_COMP ("c_tsi", 0)
    SKIP_COMP ("tsi")
    SET_COMP ("c_cig", 0)
    SKIP_COMP ("cig")
    SET_COMP ("c_csi", 0)
    SKIP_COMP ("csi")
    SET_COMP ("c_nss", 0)

```

```

        SKIP_COMP ("nss")
        SET_COMP ("v_dis", TRUE)
        SET_COMP ("dis", CAP_DIS0)
        SET_COMP ("v_dcs", FALSE)
        SKIP_COMP ("dcs")
        SET_COMP ("v_dtc", FALSE)
        SKIP_COMP ("dtc")
ENDSTRUCT

/* empty capability */
/*BEGIN_PSTRUCT ("hdlc_info", CAPS_DCS0)
    SET_COMP ("crp", FALSE)
    SET_COMP ("c_pwd", 0)
    SKIP_COMP ("pwd")
    SET_COMP ("c_sub", 0)
    SKIP_COMP ("sub")
    SET_COMP ("c_sep", 0)
    SKIP_COMP ("sep")
    SET_COMP ("c_nsc", 0)
    SKIP_COMP ("nsc")
    SET_COMP ("c_nsf", 0)
    SKIP_COMP ("nsf")
    SET_COMP ("c_tsi", 0)
    SKIP_COMP ("tsi")
    SET_COMP ("c_cig", 0)
    SKIP_COMP ("cig")
    SET_COMP ("c_csi", 0)
    SKIP_COMP ("csi")
    SET_COMP ("c_nss", 0)
    SKIP_COMP ("nss")
    SET_COMP ("v_dis", FALSE)
    SKIP_COMP ("dis")
    SET_COMP ("v_dcs", FALSE)
    SKIP_COMP ("dcs")
    SET_COMP ("v_dtc", FALSE)
    SKIP_COMP ("dtc")
ENDSTRUCT*/

BEGIN_PSTRUCT("smreg_qos", SMREG_QOS_0)
    SET_COMP("delay", SMREG_DELAY_SUB)
    SET_COMP("relclass", SMREG_RELCLASS_SUB)
    SET_COMP("peak", SMREG_PEAK_SUB)
    SET_COMP("preced", SMREG_PRECED_SUB)
    SET_COMP("mean", SMREG_MEAN_SUB)
ENDSTRUCT

BEGIN_PSTRUCT("smreg_apn", SMREG_APN_NAME)
    SET_COMP("buffer", APN)
ENDSTRUCT

BEGINARRAY (APN,8)
    0x07, /* bell , default value vizzavi as held in MMI*/
    0x56, 0x69, 0x7A, 0x7A, 0x61, 0x76, 0x69
ENDARRAY

BEGINARRAY_PART (SMREG_CODING_OPTIONS,25) /* default values as held in MMI */
    /* length */
    0xA0, 0,

```

```
    /* offset */
    0x0, 0x0,
    /* pco data */
    0x80, 0x80, 0x21, 0x10, 0x01, 0x01, 0x00, 0x10, 0x81, 0x06, 0x00, 0x00, 0x00,
    0x00, 0x83, 0x06, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00

ENDARRAY

BEGIN_PSTRUCT("pdp_address", PDP_ADDRESS_1)
    SET_COMP("buff", ADDRESS_BUF_1)
ENDSTRUCT

BEGINARRAY(ADDRESS_BUF_1,4)
    0xD4, 0xB7, 0x89, 0x0C                                /* default IP 212.183.137.012 values as held in MMI */
ENDARRAY
```





## 4.2 MMI Component Tests - case : Power On Sequences.

### 4.2.1 MFW010: Power on Sequence, ME to Idle State, no PIN required

Description: After Power On of the mobile and the SIM\_ACTIVATE\_REQ sent in the start up phase of the mobile from MFW. This primitive initialises the SIM and leads to a SIM\_ACTIVATE\_CNF primitive to be returned. The SIM\_MMI\_INSERT\_IND is used by the SIM process to inform MFW that a SIM card has been inserted and whether it is necessary to enter a PIN. MFW requests Emergency Call Codes (ECC) and the mandatory Administration data (AD) data from the SIM. MAN\_ATTACH assumes an IMSI Attach for a Class BG mobile. The 5 secs delay is to allow the idle window to be output

Preamble: MFW001

APL	ACI	PS
COMMAND (MMI CONFIG MAN_ATTACH)		
(1)	SIM_ACTIVATE_REQ	
	*=====>*	
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
(3)	SIM_MMI_INSERT_IND	
	*<=====*	
(4)	SIM_READ_REQ	
	*=====>*	
(5)	SIM_READ_CNF	
	*<=====*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	SIM_READ_CNF	
	*<=====*	
(8)	SIM_READ_REQ	
	*=====>*	
(9)	SIM_READ_CNF	
	*<=====*	
(10)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(11)	GMMREG_ATTACH_REQ	
	*=====>*	
TIMEOUT_WAIT (5000)		
(12)	GMMREG_ATTACH_CNF	
	*<=====*	
(13)	GMMREG_PLMN_MODE_REQ	
	*=====>*	

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc	SIM_INITIALISATION
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3

	puk2_cnt ec_code pref_lang	NUM_10 NO_EC_CODES NO_PREF_LANG
(3) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_ENABLED F_SIM_SRV_4 IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(4) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(5) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(6) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(7) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_DISABLED
(8) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_CPHS_CINF NOT_PRESENT_8BIT NUM_3
(9) SIM_READ_CNF	datafield cause length trans_data	SIM_CPHS_CINF SIM_NO_ERROR NUM_3 SIM_CPHS_FIELD
(10) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(11) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_IMSI SERVICE_MODE_FULL VAL_T3314 VAL_T3312

(12) GMMREG\_ATTACH\_CNF

attach_type	GMMREG_AT_IMSI
plmn	PLMN_262_14
lac	LAC_1234
rac	RAC_89
cid	CID_0001
gprs_indicator	GMM_GPRS_SUPP_YES
search_running	GMMREG_SEARCH_RUNNING

(13) GMMREG\_PLMN\_MODE\_REQ

net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
--------------------	--------------------------

## History:

25-02-2002	ef	initial
01-08-2002	ef	updated for CPHS read
09-08-2002	ef	change to SIM profile
19-12-2002	ef	add cause to activate cnf
27-08-2003	ef	add GMMREG_PLMN_MODE_REQ

#### 4.2.2 MFW011: Power On Sequence ME to Idle state, no PIN required. Combined IMSI/GPRS Attach.

Description: Set the Mobile Class to be Type A: Combined GPRS, and Set Auto Attach ON. Then Power On, should come up to the Idle state.

Preamble: MFW001

APL	ACI	PS
COMMAND (MMI CONFIG CLASS_A)		
COMMAND (MMI CONFIG AUTO_ATTACH)		
(1)	SIM_ACTIVATE_REQ	
	*=====>*	
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
(3)	SIM_MMI_INSERT_IND	
	*<=====*	
(4)	SIM_READ_REQ	
	*=====>*	
(5)	SIM_READ_REQ	
	*=====>*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(8)	SIM_READ_CNF	
	*<=====*	
(9)	SIM_READ_CNF	
	*<=====*	
(10)	SIM_READ_CNF	
	*<=====*	
(11)	GMMREG_ATTACH_REQ	
	*=====>*	
TIMEOUT_WAIT (5000)		
(12)	GMMREG_ATTACH_CNF	
	*<=====*	
(13)	GMMREG_PLMN_MODE_REQ	
	*=====>*	

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 NO_EC_CODES NO_PREF_LANG
(3) SIM_MMI_INSERT_IND	func sim_serv	SIM_ADN_ENABLED F_SIM_SRV_4

	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(4) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(5) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(6) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(7) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(8) SIM_READ_CNF		
	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(9) SIM_READ_CNF		
	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(10) SIM_READ_CNF		
	datafield	SIM_CPHS_CINF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD
(11) GMMREG_ATTACH_REQ		
	mobile_class	GMMREG_CLASS_A
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(12) GMMREG_ATTACH_CNF		
	attach_type	GMMREG_AT_COMB
	plmn	PLMN_262_14
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001

	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_RUNNING
(13) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

25-02-2002	ef	initial
01-08-2002	ef	updated for CPHS read
09-08-2002	ef	change to SIM profile
19-12-2002	ef	add cause to activate cnf

**4.2.3 MFW012: Power on Sequence. ME to Idle state, no PIN required, Limited Service.**

Description: Set the Mobile Class to be Type CG: GPRS Only, and Set Auto Attach ON. Then Power On, should come up to the Idle state. No Attach so Limited/No Service.

Preamble: MFW001

APL	ACI	PS
COMMAND (MMI CONFIG CLASS_CG)		
COMMAND (MMI CONFIG AUTO_ATTACH)		
(1)	SIM_ACTIVATE_REQ	
	*=====>*	
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
(3)	SIM_MMI_INSERT_IND	
	*<=====*	
(4)	SIM_READ_REQ	
	*=====>*	
(5)	SIM_READ_REQ	
	*=====>*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(8)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(9)	SIM_READ_CNF	
	*<=====*	
(10)	SIM_READ_CNF	
	*<=====*	
(11)	SIM_READ_CNF	
	*<=====*	

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc	SIM_INITIALISATION
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR

	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	NO_EC_CODES
	pref_lang	NO_PREF_LANG
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_ENABLED
	sim_serv	F_SIM_SRV_4
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(4) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(5) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(6) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(7) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(8) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(9) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(10) SIM_READ_CNF	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(11) SIM_READ_CNF	datafield	SIM_CPHS_CINF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD

## History:

25-02-2002	ef	initial
01-08-2002	ef	updated for CPHS read
09-08-2002	ef	change to SIM profile
19-12-2002	ef	add cause to activate cnf

**4.2.4 MFW014: Power on Sequence. ME to Idle state, no PIN required. Automatic registration and Attachment follows.**

Description: A Class BG mobile is automatically Attached. No PIN is required.

Preamble: MFW001

APL	ACI	PS
COMMAND (MMI CONFIG AUTO_ATTACH)		
COMMAND (MMI CONFIG MAN_DETACH)		
(1)	SIM_ACTIVATE_REQ	
	*=====>*	
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
(3)	SIM_MMI_INSERT_IND	
	*<=====*	
(4)	SIM_READ_REQ	
	*=====>*	
(5)	SIM_READ_REQ	
	*=====>*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(8)	SIM_READ_CNF	
	*<=====*	
(9)	SIM_READ_CNF	
	*<=====*	
(10)	SIM_READ_CNF	
	*<=====*	
(11)	GMMREG_ATTACH_REQ	
	*=====>*	
TIMEOUT_WAIT (5000)		
(12)	GMMREG_ATTACH_CNF	
	*<=====*	
(13)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR

	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_BDN_ENABLED
	sim_serv	F_SIM_SRV_4
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(4) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(5) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(6) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(7) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(8) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(9) SIM_READ_CNF	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(10) SIM_READ_CNF	datafield	SIM_CPHS_CINF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD
(11) GMMREG_ATTACH_REQ	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL

	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(12) GMMREG_ATTACH_CNF		
	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(13) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

30-01-2002	ef	initial
30-07-2002	ef	updated for CPHS read
19-12-2002	ef	add cause to activate cnf

#### 4.2.5 MFW015: Power On Sequence. ME to Idle State, No PIN required. Automatic registration and Attachment follows.

Description: Set up an IMSI(non-GPRS) Attach.

Preamble: MFW001

APL	ACI	PS
(1)	SIM_ACTIVATE_REQ	
	* =====> *	
(2)	SIM_ACTIVATE_CNF	
	* <===== *	
(3)	SIM_MMI_INSERT_IND	
	* <===== *	
(4)	SIM_READ_REQ	
	* =====> *	
(5)	SIM_READ_REQ	
	* =====> *	
(6)	SIM_READ_REQ	
	* <===== *	
(7)	GMMREG_PLMN_MODE_REQ	
	* =====> *	
(8)	GMMREG_ATTACH_REQ	
	* =====> *	
(9)	SIM_READ_CNF	
	* <===== *	
(10)	SIM_READ_CNF	
	* <===== *	
(11)	SIM_READ_CNF	
	* <===== *	
TIMEOUT_WAIT (5000)		
(12)	GMMREG_ATTACH_CNF	
	* <===== *	
(13)	GMMREG_PLMN_MODE_REQ	
	* =====> *	
TIMEOUT_WAIT (2000)		

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 EC_CODES NO_PREF_LANG
(3) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn	SIM_ADN_BDN_ENABLED SIM_SERV_PHASE_2_ADN_BDN IMSI PREF_PLMN

	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(4) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(5) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(6) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(7) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(8) GMMREG_ATTACH_REQ		
	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_IMSI
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(9) SIM_READ_CNF		
	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(10) SIM_READ_CNF		
	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(11) SIM_READ_CNF		
	datafield	SIM_CPHS_CINF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD
(12) GMMREG_ATTACH_CNF		
	attach_type	GMMREG_AT_IMSI
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING

(13) GMMREG\_PLMN\_MODE\_REQ

net\_selection\_mode

GMMREG\_NET\_SEL\_MODE\_AUTO

## History:

30-01-2002	ef	initial
30-07-2000	ef	updated for CPHS read
19-12-2002	ef	add cause to activate cnf

**4.2.6 MFW016: Power on Sequence, ME to Idle State, No PIN required.**

Description: No Config defaults

Preamble: MFW001

APL	ACI	PS
(1)	SIM_ACTIVATE_REQ	
	* =====> *	
(2)	SIM_ACTIVATE_CNF	
	* <===== *	
(3)	SIM_MMI_INSERT_IND	
	* <===== *	

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 EC_CODES NO_PREF_LANG
(3) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_ENABLED F_SIM_SRV IMSI PREF_PLMN PHASE_2_SIM NOT_USED NOT_USED NOT_USED

## History:

30-01-2002	ef	initial
19-12-2002	ef	add cause to activate cnf

**4.2.7 MFW018: Power On Sequence. Initialise the UART and flush any data.**

Description: During MMI Power On, initialise the UART and disconnect ready for a new connect..

Preamble: MFW001

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG EXPAND_ATI_SRC_TST)
(1) |                        | UART_PARAMETERS_REQ    |
      |                        | *=====> *
(2) |                        | UART_PARAMETERS_CNF    |
      |                        | *<===== *
(3) |                        | DTI2_DISCONNECT_REQ    |
      |                        | *=====> *
      |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) UART_PARAMETERS_REQ	device comPar	DEVICE_1 COM_PARS
(2) UART_PARAMETERS_CNF	device	DEVICE_1
(3) DTI2_DISCONNECT_REQ	link_id cause	NUM_0 DTI_CAUSE_NORMAL_CLOSE

## History:

31-01-2002	ef	initial.
19-12-2002	ef	all parameters changed.
27-08-2003	ef	signals changed

**4.2.8 MFW020: Set the Date**

Description: After Power On of the mobile, The Main Menu is entered; Phone Settings; Clock, date/time:- date entering ; date/time: enter time successfull and back to idleScreen.

Note: Sim Toolkit Menu does not appear. It can only be explicitly called by the Sim Toolkit tests defined later.

Preamble: MFW014

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (1000)

```



**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

## History:

07-02-2002	ef	initial
10-04-2003	ef	update menu

**4.2.9 MFW022: For test of Xpanel.**

Description: For test of xpanel. Set Date and Time.

Preamble: MFW001

APL	ACI	PS
COMMAND (MMI CONFIG AUTO_ATTACH)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		



```

TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (1000)
|                                     |

```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
------------------	------------------	--------------

**History:**

08-02-2002	ef	initial
------------	----	---------

#### 4.2.10 MFW024: Power on Sequence, enter PIN required. ME to Idle State.

Description: After Power On of the mobile, enter the PIN number as requested.

Preamble: MFW001

APL	ACI	PS
COMMAND (MMI CONFIG AUTO_ATTACH)		
(1)	SIM_ACTIVATE_REQ	
	*=====>*	
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
(3)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(4)	GMMREG_ATTACH_REQ	
	*=====>*	
(5)	GMMREG_ATTACH_CNF	
	*<=====*	
(6)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
TIMEOUT_WAIT (10000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=L\$OFT)		
(7)	SIM_VERIFY_PIN_REQ	
	*=====>*	
(8)	SIM_VERIFY_PIN_CNF	
	*<=====*	
(9)	SIM_MMI_INSERT_IND	
	*<=====*	
(10)	SIM_READ_REQ	
	*=====>*	
(11)	SIM_READ_REQ	
	*=====>*	
(12)	SIM_READ_REQ	
	*=====>*	
(13)	SIM_READ_CNF	
	*<=====*	
(14)	SIM_READ_CNF	
	*<=====*	
(15)	SIM_READ_CNF	
	*<=====*	
(16)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(17)	GMMREG_ATTACH_REQ	
	*=====>*	
TIMEOUT_WAIT (5000)		
(18)	GMMREG_ATTACH_CNF	
	*<=====*	
TIMEOUT_WAIT (2000)		

Parametrization:

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_CAUSE_PIN1_EXPECT NUM_2 NUM_10 NUM_3 NUM_10 EC_CODES NO_PREF_LANG
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(5) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(6) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(7) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1234 PHASE_2_PIN_1
(8) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PHASE_2_PIN_1 NUM_3 NUM_10 NUM_3 NUM_10
(9) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_BDN_ENABLED F_SIM_SRV_4 IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(10) SIM_READ_REQ	source	SRC_MMI

	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(11) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(12) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(13) SIM_READ_CNF		
	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(14) SIM_READ_CNF		
	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(15) SIM_READ_CNF		
	datafield	SIM_CPHS_CINF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD
(16) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(17) GMMREG_ATTACH_REQ		
	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(18) GMMREG_ATTACH_CNF		
	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING

## History:

11-02-2002	ef	initial
30-07-2002	ef	updated for CPHS read
19-12-2002	ef	add cause to activate cnf
15-01-2003	ef	change the cause of SIM_ACTIVATE_CNF to sim_cause_pin1_expect – is this correct? Also add time delay for keyboard handler to be created
05-02-2003	ef	change order of GMM_PLMN_MODE_REQ
10-04-2003	ef	increase timeout waiting for PIN windows retry

**4.2.11 MFW026: Power on Sequence. No SIM card. Limited mode. Emergency Call.**

Description: After Power On of the mobile, limited mode, enter the emergency number after the “Insert SIM” menu is displayed.

Preamble: MFW001

```

      APL                      ACI                      PS
(1) |                          | SIM_ACTIVATE_REQ      |
    |                          | *=====> *         |
(2) |                          | SIM_ACTIVATE_CNF     |
    |                          | *<===== *         |
(3) |                          | GMMREG_PLMN_MODE_REQ |
    |                          | *=====> *         |
(4) |                          | GMMREG_ATTACH_REQ    |
    |                          | *=====> *         |
(5) |                          | GMMREG_ATTACH_CNF    |
    |                          | *<===== *         |
(6) |                          | GMMREG_PLMN_MODE_REQ |
    |                          | *=====> *         |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_PRESS=LEFT)
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_PRESS=LEFT)
(7) |                          | MNCC_SETUP_REQ       |
    |                          | *=====> *         |
(8) |                          | SIM_SYNC_REQ         |
    |                          | *=====> *         |
(9) |                          | MNCC_SYNC_IND        |
    |                          | *<===== *         |
(10) |                          | MNCC_SETUP_CNF       |
    |                          | *<===== *         |
(11) |                          | SIM_SYNC_CNF         |
    |                          | *<===== *         |
    |                          |                       |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_CAUSE_CARD_REMOVED NUM_3 NUM_10 NUM_3 NUM_10 NO_EC_CODES NO_PREF_LANG
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_IMSI SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(5) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_IMSI PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(6) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(7) MNCC_SETUP_REQ	ti prio ri bcpara bcpara2 called_party called_party_sub clir_sup fac_inf	TI_MO_0 PRIO_EMERG_CALL NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE CLEP_PARTY_112 CLEP_PARTY_SUB_NONE NOT_PRESENT_8BIT NOT_USED
(8) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(9) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(10) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_END_TO_END_PLMN CONNECTED_NUMBER_112 CONNECTED_PARTY_SUB_NONE

(11) SIM\_SYNC\_CNF

cause

SIM\_NO\_ERROR

## History:

28-02-2002	ef	initial
30-07-2002	ef	updated
13-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal from all tests
19-12-2002	ef	add cause to SIM_ACTIVATE_CNF and SIM_SYNC_CNF
11-08-2003	ef	remove the POWER_ON key press. Add TCH signal from CC

**4.2.12 MFW028: Power on Sequence. No SIM card. No Service.**

Description: After Power On of the mobile, invalid SIM, no service from network.

Preamble: MFW001

APL	ACI	PS
COMMAND (MMI CONFIG AUTO_ATTACH)		
(1)	SIM_ACTIVATE_REQ	
	* =====> *	
(2)	SIM_ACTIVATE_CNF	
	* <===== *	
(3)	GMMREG_PLMN_MODE_REQ	
	* =====> *	
(4)	GMMREG_ATTACH_REQ	
	* =====> *	
(5)	GMMREG_ATTACH_REJ	
	* <===== *	
TIMEOUT_WAIT (4000)		

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_CAUSE_CARD_REMOVED NUM_3 NUM_10 NUM_3 NUM_10 EC_CODES NO_PREF_LANG
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL

		t3314_ready_val	VAL_T3314
		t3312_standby_rau_val	VAL_T3312
(5) GMMREG_ATTACH_REJ			
		detach_type	GMMREG_DT_LIMITED_SERVICE
		cause	MMCS_NETWORK_FAILURE
		search_running	GMMREG_SEARCH_NOT_RUNNING
History:			
	11-02-2002	ef	initial
	30-07-2002	ef	updated
	19-12-02	ef	change to the cause type
	19-12-2002	ef	add cause to activate cnf
	04-02-2003	ef	omit 2 <sup>nd</sup> GMMREG_PLMN_MODE_REQ

#### 4.2.13 MFW030: Power On Sequence, Invalid PIN, entering more than 3 digits , delete and emergency call

Description: After Power On and enter invalid PIN, an Emergency Call is initiated, error digits are deleted. Call is set up.

Preamble: MFW001

```

APL                                ACI                                PS
|                                  |                                  |
COMMAND (MMI CONFIG AUTO_ATTACH)
(1) |                               |          SIM_ACTIVATE_REQ          |
|                                  | *=====>*
(2) |                               |          SIM_ACTIVATE_CNF          |
|                                  | *<=====*
(3) |                               |      GMMREG_PLMN_MODE_REQ          |
|                                  | *=====>*
(4) |                               |      GMMREG_ATTACH_REQ             |
|                                  | *=====>*
(5) |                               |      GMMREG_ATTACH_CNF             |
|                                  | *<=====*
(6) |                               |      GMMREG_PLMN_MODE_REQ          |
|                                  | *=====>*

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                                /* Delete */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(7) |                               |      MNCC_SETUP_REQ                |
|                                  | *=====>*
(8) |                               |      SIM_SYNC_REQ                  |
|                                  | *=====>*
(9) |                               |      MNCC_SETUP_CNF                |
|                                  | *<=====*
(10) |                              |      SIM_SYNC_CNF                  |
|                                  | *<=====*
|                                  |

```

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN1_EXPECT NUM_2 NUM_10 NUM_3 NUM_10



	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(5) GMMREG_ATTACH_CNF	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(6) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(7) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_EMERG_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_112
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(8) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(9) MNCC_SETUP_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_END_TO_END_PLMN
	connected_number	CONNECTED_NUMBER_112
	connected_number_sub	CONNECTED_PARTY_SUB_NONE
(10) SIM_SYNC_CNF	cause	SIM_NO_ERROR

## History:

11-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
13-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
19-12-2002	ef	add cause to SIM_ACTIVATE_CNF.
15-01-2003	ef	changed cause of above, is SIM_CAUSE_PIN1_EXPECT correct?
15-01-2003	ef	add cause to SIM_SYNC_CNF



4.2.14 MFW032: Power On Sequence, No SIM card, error in emergency call, delete and emergency call

Description: After Power on, with no SIM card, attempt an incorrect emergency call, cancel and then enter correct emergency call.

Preamble: MFW001

```

APL                                ACI                                PS
|                                  |                                  |
COMMAND (MMI CONFIG AUTO_ATTACH)
(1) |                               |          SIM_ACTIVATE_REQ          |
|                                  | *=====>*
(2) |                               |          SIM_ACTIVATE_CNF          |
|                                  | *<=====*
(3) |                               |      GMMREG_PLMN_MODE_REQ         |
|                                  | *=====>*
(4) |                               |      GMMREG_ATTACH_REQ            |
|                                  | *=====>*
(5) |                               |      GMMREG_ATTACH_CNF            |
|                                  | *<=====*
(6) |                               |      GMMREG_PLMN_MODE_REQ         |
|                                  | *=====>*

TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Emergency Call? */
(7) |                               |      MNCC_SETUP_REQ              |
|                                  | *=====>*
(8) |                               |      SIM_SYNC_REQ                |
|                                  | *=====>*
(9) |                               |      MNCC_SYNC_IND               |
|                                  | *<=====*
(10) |                              |      MNCC_SETUP_CNF              |
|                                  | *<=====*
(11) |                              |      SIM_SYNC_CNF                |
|                                  | *<=====*
|                                  |

```

Parametrization:

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc	SIM_INITIALISATION

	mmi_pro_file stk_pro_file	MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_CAUSE_CARD_REMOVED NUM_3 NUM_10 NUM_3 NUM_10 NOT_USED NOT_USED
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULLL VAL_T3314 VAL_T3312
(5) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(6) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(7) MNCC_SETUP_REQ	ti prio ri bcpara bcpara2 called_party called_party_sub clir_sup fac_inf	TI_MO_0 PRIO_EMERG_CALL NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE CLEP_PARTY_112 CLEP_PARTY_SUB_NONE NOT_PRESENT_8BIT NOT_USED
(8) SIM_SYNC_REQ	syncs	SYNC_START_CALL
(9) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(10) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_END_TO_END_PLMN CONNECTED_NUMBER_112 CONNECTED_PARTY_SUB_NONE
(11) SIM_SYNC_CNF	cause	SIM_NO_ERROR



	mmi_pro_file stk_pro_file	MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_CAUSE_PUK1_EXPECT NUM_0 NUM_10 NUM_3 NUM_10 EC_CODES NO_PREF_LANG
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(5) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(6) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(7) MNCC_SETUP_REQ	ti prio ri bcpara bcpara2 called_party called_party_sub clir_sup fac_inf	TI_MO_0 PRIO_EMERG_CALL NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE CLEP_PARTY_112 CLEP_PARTY_SUB_NONE NOT_PRESENT_8BIT NOT_USED
(8) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(9) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_END_TO_END_PLMN CONNECTED_NUMBER_112 CONNECTED_PARTY_SUB_NONE
(10) SIM_SYNC_CNF	cause	SIM_NO_ERROR

## History:

25-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
13-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
19-12-2002	ef	add cause to SIM_ACTIVATE_CNF
15-01-2003	ef	add cause to SIM_SYNC_CNF
15-01-2003	ef	change cause in SIM_ACTIVATE_CNF to SIM_CAUSE_PUK1_EXPECT





```

(7) | | SIM_UNBLOCK_REQ |
| | *=====> *
(8) | | SIM_UNBLOCK_CNF |
| | *<===== *
(9) | | SIM_READ_REQ |
| | *=====> *
(10) | | SIM_MMI_INSERT_IND |
| | *<===== *
(11) | | SIM_READ_REQ |
| | *=====> *
(12) | | SIM_READ_CNF |
| | *<===== *
(13) | | SIM_READ_REQ |
| | *=====> *
(14) | | SIM_READ_CNF |
| | *<===== *
(15) | | GMMREG_PLMN_MODE_REQ |
| | *=====> *
(16) | | GMMREG_ATTACH_REQ |
| | *=====> *
(17) | | GMMREG_ATTACH_CNF |
| | *<===== *
(18) | | GMMREG_PLMN_MODE_REQ |
| | *=====> *
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (2000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_CAUSE_PUK1_EXPECT NUM_0 NUM_10 NUM_3 NUM_10 EC_CODES NO_PREF_LANG
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class attach_type	GMMREG_CLASS_BG GMMREG_AT_COMB

	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(5) GMMREG_ATTACH_CNF	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(6) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(7) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_1_VALUE
	pin	PIN_1_VALUE_1234
	pin_id	PUK_1
(8) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PUK_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(9) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(10) SIM_MMI_INSERT_IND	func	SIM_ADN_ENABLED
	sim_serv	F_SIM_SRV
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(11) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(12) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(13) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0

	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(14) SIM_READ_CNF		
	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_ENABLED
(15) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(16) GMMREG_ATTACH_REQ		
	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(17) GMMREG_ATTACH_CNF		
	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(18) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

11-02-2002	ef	initial
30-07-2002	ef	updated the GMM_ATTACH_CNF
19-12-2002	ef	add cause to SIM_ACTIVATE_CNF
16-12-2003	ef	change cause on above to SIM_CAUSE_PUK1_EXPECT
03-07-2003	ef	chang to primitive sequences + extra SIM_READ_REQ for CPHS Voice ind

#### 4.2.17 MFW038: Power On Sequence: PIN disabled, sim unlock(all checks), IdleScreen with clock.

Description: All SIM Locks are enabled, Unblock PIN for all SIM Locks requested.

Preamble: MFW001

APL	ACI	PS
COMMAND (MMI CONFIG AUTO_ATTACH)		
COMMAND (MMI CONFIG SIMLOCK=1)		
(1)	SIM_ACTIVATE_REQ	
	*=====>*	
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
(3)	SIM_MMI_INSERT_IND	
	*<=====*	
(4)	SIM_READ_REQ	
	*=====>*	
(5)	SIM_READ_REQ	
	*=====>*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	SIM_READ_REQ	
	*=====>*	
(8)	SIM_READ_REQ	
	*=====>*	
(9)	SIM_READ_REQ	
	*=====>*	
(10)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(11)	GMMREG_ATTACH_REQ	
	*=====>*	
(12)	SIM_READ_CNF	
	*<=====*	
(13)	SIM_READ_CNF	
	*<=====*	
(14)	SIM_READ_CNF	
	*<=====*	
(15)	SIM_READ_CNF	
	*<=====*	
(16)	SIM_READ_CNF	
	*<=====*	
(17)	GMMREG_ATTACH_CNF	
	*<=====*	

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10

	ec_code	EC_CODES
	pref_lang	NOT_USED
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_ENABLED
	sim_serv	F_SIM_SRV_4_15_16
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	NOT_USED
	access_acmmax	NOT_USED
	access_puct	NOT_USED
(4) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_GID1
	length	NOT_PRESENT_8BIT
	max_length	NUM_5
(5) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_GID1
	length	NOT_PRESENT_8BIT
	max_length	NUM_5
(6) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_GID2
	length	NOT_PRESENT_8BIT
	max_length	NUM_5
(7) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(8) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(9) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(10) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(11) GMMREG_ATTACH_REQ	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL

	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(12) SIM_READ_CNF	datafield	SIM_GID1
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(13) SIM_READ_CNF	datafield	SIM_GID2
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(14) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(15) SIM_READ_CNF	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(16) SIM_READ_CNF	datafield	SIM_CPHS_CINF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD
(17) GMMREG_ATTACH_CNF	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING

## History:

14-02-2002	ef	initial
30-07-2002	ef	added SIM_GID2 fields and GMM_ATTACH_CNF
19-12-2002	ef	add cause to SIM_ACTIVATE_CNF

**4.2.18 MFW040: Power On Sequence with PIN entering and sim unlock**

Description:.. Enter the PIN code as requested.

Preamble: MFW001



```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG AUTO_ATTACH)
COMMAND (MMI CONFIG SIMLOCK=1)
(1) |                          |      SIM_ACTIVATE_REQ      |
      |                          | *=====>*                |
(2) |                          |      SIM_ACTIVATE_CNF      |
      |                          | *<=====*                 |
(3) |                          |      GMMREG_PLMN_MODE_REQ  |
      |                          | *=====>*                |
(4) |                          |      GMMREG_ATTACH_REQ     |
      |                          | *=====>*                |
(5) |                          |      GMMREG_ATTACH_CNF     |
      |                          | *<=====*                 |
(6) |                          |      GMMREG_PLMN_MODE_REQ  |
      |                          | *=====>*                |
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(7) |                          |      SIM_VERIFY_PIN_REQ    |
      |                          | *=====>*                |
(8) |                          |      SIM_VERIFY_PIN_CNF    |
      |                          | *<=====*                 |
(9) |                          |      SIM_MMI_INSERT_IND    |
      |                          | *<=====*                 |
(10) |                          |      SIM_READ_REQ          |
      |                          | *=====>*                |
(11) |                          |      SIM_READ_CNF          |
      |                          | *<=====*                 |
(12) |                          |      SIM_READ_REQ          |
      |                          | *=====>*                |
(13) |                          |      SIM_READ_CNF          |
      |                          | *<=====*                 |
(14) |                          |      SIM_READ_REQ          |
      |                          | *=====>*                |
(15) |                          |      SIM_READ_CNF          |
      |                          | *<=====*                 |
TIMEOUT_WAIT (2000)
      |                        |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt	SIM_CAUSE_PIN1_EXPECT NUM_2 NUM_10

	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NOT_USED
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(5) GMMREG_ATTACH_CNF	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(6) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(7) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_1
(8) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(9) SIM_MMI_INSERT_IND	func	SIM_ADN_BDN_ENABLED
	sim_serv	F_SIM_SRV_4
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(10) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(11) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD



(12) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(13) SIM_READ_CNF	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(14) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(15) SIM_READ_CNF	datafield	SIM_CPHS_CINF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD

History:

14-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF and added CPHS read
19-12-2002	ef	add cause to SIM_ACTIVATE_CNF
16-01-2003	ef	change cause on above to CAUSE_PIN1_EXPECT

4.2.19 MFW042: MO call setup, followed by removal of the SIM card.

Description:..After a MO call has connected, the SIM is removed. This causes the call to be disconnected and the mobile returns to the Idle state.

Preamble: MFW500

APL	ACI	PS
(1)		
	SIM_REMOVE_IND	
	* <=====*	
(2)	MMI_CBCH_REQ	
	*=====*>	
(3)		
	ACI_CMD_IND	
	(msg: OK)	
	* <=====*	
(4)		
	MMR_NREG_IND	
	* <=====*	
(5)		
	GMMREG_DETACH_IND	
	* <=====*	

Parametrization:

Primitive	Parameter	Value
(1) SIM_REMOVE_IND	cause	SIM_NO_ERROR
(2) MMI_CBCH_REQ	msg_id dcs_id modus	CBCH_MSG_ID_ARR CBCH_DCS_ID_ARR MMI_CBCH_STOP
(3) ACI_CMD_IND	cmd_len cmd_seq	LM_PERCENT_SIMREM_ERR_0 M_PERCENT_SIMREM_ERR_0
(4) MMR_NREG_IND	service search_running new_forb_plmn cause	NREG_LIMITED_SERVICE SEARCH_NOT_RUNNING PLMN_262_02 MMCS_SIM_REMOVED
(5) GMMREG_DETACH_IND	detach_type cause search_running	GMMREG_DT_SIM_REMOVED MMCS_SIM_REMOVED GMMREG_SEARCH_NOT_RUNNING

## History:

12-06-2002	ef	initial
19-12-2002	ef	new cause in MMR_NREG_IND & GMMREG_DETACH_IND

### 4.3 MMI Component Tests - case : Pin Entering from Power On.

#### 4.3.1 MFW050: Power on the ME. PIN required. This will be the initial preamble for PIN entering tests.

Description: Power ON and Auto Attach, PIN required.

Preamble: MFW001

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG AUTO_ATTACH)
(1) |                          | SIM_ACTIVATE_REQ |
      |                        | *=====> *
(2) |                          | SIM_ACTIVATE_CNF |
      |                        | *<===== *
(3) |                          | GMMREG_PLMN_MODE_REQ |
      |                        | *=====> *
(4) |                          | GMMREG_ATTACH_REQ |
      |                        | *=====> *
(5) |                          | GMMREG_ATTACH_CNF |
      |                        | *<===== *
(6) |                          | GMMREG_PLMN_MODE_REQ |
      |                        | *=====> *
TIMEOUT_WAIT (3500)
      |                        |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc	SIM_INITIALISATION
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause	SIM_CAUSE_PIN1_EXPECT
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(5) GMMREG_ATTACH_CNF	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(6) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

18-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
14-08-02	ef	POWER key apparently not needed anymore
09-10-02	ef	allow the welcome window time to output
19-12-2002	ef	add cause to SIM_ACTIVATE_CNF
16-01-2003	ef	change cause above to SIM_CAUSE_PIN1_EXPECT

**4.3.2 MFW052: PIN entering from Power On, enter 4 digits, successfull**

Description: Enter the PIN1 code.

Preamble: MFW050

APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=L\$OFT)		
(1)	SIM_VERIFY_PIN_REQ	
	*=====>*	
(2)	SIM_VERIFY_PIN_CNF	
	*<=====*	
TIMEOUT_WAIT (3000)		
(3)	SIM_MMI_INSERT_IND	
	*<=====*	
(4)	SIM_READ_REQ	
	*=====>*	
(5)	SIM_READ_REQ	
	*=====>*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	SIM_READ_CNF	
	*<=====*	
(8)	SIM_READ_CNF	
	*<=====*	
(9)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(10)	GMMREG_ATTACH_REQ	
	*=====>*	
(11)	SIM_READ_REQ	
	*=====>*	
TIMEOUT_WAIT (6000)		
(12)	GMMREG_ATTACH_CNF	
	*<=====*	
(13)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10

	pin2_cnt puk2_cnt	NUM_3 NUM_10
(3) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_BDN_ENABLED SIM_SERV_PHASE_2_ADN_BDN IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(4) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(5) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(6) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_CPHS_CINF NOT_PRESENT_8BIT NUM_3
(7) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(8) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED
(9) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(10) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(11) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_SPN NUM_17 NUM_17

(12) GMMREG_ATTACH_CNF	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(13) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

18-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF and added CPHS read.
20-12-2002	ef	add cause to SIM_VERIFY signals, and for subsequents.
16-01-2003	ef	add SIM_READ_REQ for service provider name.
06-02-2003	ef	change order of signals

**4.3.3 MFW054: PIN entering from Power On , clear with long press, 4 digits.**

Description: During PIN1 code entry, Clear one of the digits in error.

Preamble: MFW050



```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_PRESS=RSOFT)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |                               | SIM_VERIFY_PIN_REQ |
      |                               | *=====> *
(2) |                               | SIM_VERIFY_PIN_CNF |
      |                               | *<===== *
TIMEOUT_WAIT (3000)
(3) |                               | SIM_MMI_INSERT_IND |
      |                               | *<===== *
(4) |                               | SIM_READ_REQ       |
      |                               | *=====> *
(5) |                               | SIM_READ_REQ       |
      |                               | *=====> *
(6) |                               | SIM_READ_REQ       |
      |                               | *=====> *
(7) |                               | SIM_READ_CNF       |
      |                               | *<===== *
(8) |                               | SIM_READ_CNF       |
      |                               | *<===== *
TIMEOUT_WAIT (2000)
(9) |                               | GMMREG_PLMN_MODE_REQ |
      |                               | *=====> *
(10) |                              | GMMREG_ATTACH_REQ   |
      |                              | *=====> *
(11) |                              | GMMREG_ATTACH_CNF   |
      |                              | *<===== *
(12) |                              | GMMREG_PLMN_MODE_REQ |
      |                              | *=====> *
      |                              |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_B
	pin_id	PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10

	pin2_cnt puk2_cnt	NUM_3 NUM_10
(3) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_BDN_ENABLED F_SIM_SRV_4 IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(4) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(5) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(6) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_CPHS_CINF NOT_PRESENT_8BIT NUM_3
(7) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(8) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED
(9) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(10) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(11) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001

	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(12) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

18-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
06-02-2003	ef	change order of signals

**4.3.4 MFW056: PIN entering from Power On and clearing several times. 8 digits.**

Description: During PIN1 entry, clear several error digits.

Preamble: MFW050



APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2200)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2200)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		
(1)	SIM_VERIFY_PIN_REQ	
	* =====> *	
(2)	SIM_VERIFY_PIN_CNF	
	* <===== *	
TIMEOUT_WAIT (3000)		
(3)	SIM_MMI_INSERT_IND	
	* <===== *	
(4)	SIM_READ_REQ	
	* =====> *	
(5)	SIM_READ_REQ	
	* =====> *	
(6)	SIM_READ_REQ	
	* =====> *	
(7)	SIM_READ_CNF	
	* <===== *	
(8)	SIM_READ_CNF	
	* <===== *	
TIMEOUT_WAIT (2000)		
(9)	GMMREG_PLMN_MODE_REQ	
	* =====> *	
(10)	GMMREG_ATTACH_REQ	
	* =====> *	
(11)	GMMREG_ATTACH_CNF	
	* <===== *	

```

(12) | | GMMREG_PLMN_MODE_REQ |
      | | * =====> *
TIMEOUT_WAIT (2000)
      | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_11111111
	pin_id	PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_BDN_ENABLED
	sim_serv	F_SIM_SRV_4
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(4) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(5) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(6) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(7) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(8) SIM_READ_CNF	datafield	SIM_AD

	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_ENABLED
(9) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(10) GMMREG_ATTACH_REQ		
	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(11) GMMREG_ATTACH_CNF		
	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(12) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

19-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
06-02-2003	ef	added CPHS read and change order of SIM_READ_CNF's
13-02-03	ef	remove KEY_PRESS as it deletes all digits

**4.3.5 MFW058: PIN entering from Power On and clear all entered digits. 8 digits.**

Description: During PIN1 entry, clear a complete line.

Preamble: MFW050



APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2200)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2200)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2200)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2200)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		
(1)	SIM_VERIFY_PIN_REQ	
	*=====>*	
(2)	SIM_VERIFY_PIN_CNF	
	*<=====*	
TIMEOUT_WAIT (3000)		
(3)	SIM_MMI_INSERT_IND	
	*<=====*	
(4)	SIM_READ_REQ	
	*=====>*	
(5)	SIM_READ_REQ	
	*=====>*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	SIM_READ_CNF	
	*<=====*	
(8)	SIM_READ_CNF	
	*<=====*	
TIMEOUT_WAIT (2000)		
(9)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(10)	GMMREG_ATTACH_REQ	
	*=====>*	
(11)	GMMREG_ATTACH_CNF	
	*<=====*	

```

(12) | | GMMREG_PLMN_MODE_REQ |
      | | * =====> *
TIMEOUT_WAIT (2000)
      | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_11111111
	pin_id	PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_BDN_ENABLED
	sim_serv	F_SIM_SRV_4
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(4) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(5) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(6) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(7) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD

(8) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED
(9) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(10) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(11) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(12) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

19-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
06-02-2003	ef	change order of signal and use KEY_SEQUENCE

**4.3.6 MFW060: PIN entering from Power On, clear if nothing to clear and wrong keys.**

Description: Before a digit has been entered, Clear.

Preamble: MFW050

APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		
(1)	SIM_VERIFY_PIN_REQ	
	*=====>*	
(2)	SIM_VERIFY_PIN_CNF	
	*<=====*	
TIMEOUT_WAIT (3000)		
(3)	SIM_MMI_INSERT_IND	
	*<=====*	
(4)	SIM_READ_REQ	
	*=====>*	
(5)	SIM_READ_REQ	
	*=====>*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	SIM_READ_CNF	
	*<=====*	
(8)	SIM_READ_CNF	
	*<=====*	
TIMEOUT_WAIT (2000)		
(9)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(10)	GMMREG_ATTACH_REQ	
	*=====>*	
(11)	GMMREG_ATTACH_CNF	
	*<=====*	
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_11111111
	pin_id	PIN_1

(2) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PIN_1 NUM_3 NUM_10 NUM_3 NUM_10
(3) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_BDN_ENABLED F_SIM_SRV_4 IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(4) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(5) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(6) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_CPHS_CINF NOT_PRESENT_8BIT NUM_3
(7) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(8) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED
(9) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(10) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(11) GMMREG_ATTACH_CNF	attach_type	GMMREG_AT_COMB

plmn	PLMN_1
lac	LAC_1234
rac	RAC_89
cid	CID_0001
gprs_indicator	GMM_GPRS_SUPP_YES
search_running	GMMREG_SEARCH_NOT_RUNNING

## History:

19-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
06-02-2003	ef	change order of signal

**4.3.7 MFW062: PIN entering from Power On, wrong digit during entering.**

Description: Wrong PIN1 is entered, re-enter correct PIN1.

Preamble: MFW050



```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(1) |                          | SIM_VERIFY_PIN_REQ |
      |                          *=====>*
(2) |                          | SIM_VERIFY_PIN_CNF |
      |                          *<=====*
```

TIMEOUT\_WAIT (6000)

```

COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_PRESS=LEFT)
(3) |                          | SIM_VERIFY_PIN_REQ |
      |                          *=====>*
(4) |                          | SIM_VERIFY_PIN_CNF |
      |                          *<=====*
```

(5) | | SIM\_MMI\_INSERT\_IND |

```

      |                          *<=====*
```

(6) | | SIM\_READ\_REQ |

```

      |                          *=====>*
(7) |                          | SIM_READ_CNF |
      |                          *<=====*
```

(8) | | SIM\_READ\_REQ |

```

      |                          *=====>*
(9) |                          | SIM_READ_CNF |
      |                          *<=====*
```

(10) | | SIM\_READ\_REQ |

```

      |                          *=====>*
(11) |                          | SIM_READ_CNF |
      |                          *<=====*
```

(12) | | GMMREG\_PLMN\_MODE\_REQ |

```

      |                          *=====>*
(13) |                          | GMMREG_ATTACH_REQ |
      |                          *=====>*
(14) |                          | GMMREG_ATTACH_CNF |
      |                          *<=====*
```

(15) | | GMMREG\_PLMN\_MODE\_REQ |

```

      |                          *=====>*
      |                          |
```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

(1)	SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1239 PIN_1
(2)	SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN1_EXPECT PIN_1 NUM_1 NUM_10 NUM_3 NUM_10
(3)	SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1234 PIN_1
(4)	SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PIN_1 NUM_3 NUM_10 NUM_3 NUM_10
(5)	SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_BDN_ENABLED F_SIM_SRV_4 IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(6)	SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(7)	SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(8)	SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(9)	SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED

(10) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_CPHS_CINF NOT_PRESENT_8BIT NUM_3
(11) SIM_READ_CNF	datafield cause length trans_data	SIM_CPHS_CINF SIM_NO_ERROR NUM_3 SIM_CPHS_FIELD
(12) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(13) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(14) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(15) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

21-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
16-01-2003	ef	change cause of SIM_VERIFY_PIN_CNF to SIM_CAUSE_PIN1_EXPECT, is this ok?

**4.3.8 MFW064: PIN entering from Power On, END and MENU UP keys during entering.**

Description:..During PIN entry, enter END and MENU UP keys. These are ignored.

Preamble: MFW050

APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=L\$OFT)		
(1)	SIM_VERIFY_PIN_REQ	
	*=====>*	
(2)	SIM_VERIFY_PIN_CNF	
	*<=====*	
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=END)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=L\$OFT)		
(3)	SIM_VERIFY_PIN_REQ	
	*=====>*	
(4)	SIM_VERIFY_PIN_CNF	
	*<=====*	
(5)	SIM_MMI_INSERT_IND	
	*<=====*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	SIM_READ_CNF	
	*<=====*	
(8)	SIM_READ_REQ	
	*=====>*	
(9)	SIM_READ_CNF	
	*<=====*	
(10)	SIM_READ_REQ	
	*=====>*	
(11)	SIM_READ_CNF	
	*<=====*	
(12)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(13)	GMMREG_ATTACH_REQ	
	*=====>*	
(14)	GMMREG_ATTACH_CNF	
	*<=====*	
(15)	GMMREG_PLMN_MODE_REQ	
	*=====>*	

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

(1) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1239 PIN_1
(2) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN1_EXPECT PIN_1 NUM_2 NUM_10 NUM_3 NUM_10
(3) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1234 PIN_1
(4) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PIN_1 NUM_3 NUM_10 NUM_3 NUM_10
(5) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_BDN_ENABLED F_SIM_SRV_4 IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(6) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(7) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(8) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(9) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED



(10) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(11) SIM_READ_CNF	datafield	SIM_CPHS_CINF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD
(12) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(13) GMMREG_ATTACH_REQ	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(14) GMMREG_ATTACH_CNF	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(15) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

21-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
16-01-2003	ef	change cause in SIM_VERIFY_PIN1_CNF to SIM_CAUSE_PIN1_EXPECT
13-02-2003	ef	add the END and POWER keys to PIN1 input
10-04-2003	ef	power key causes goodbye. Use Menu up instead

**4.3.9 MFW066: PIN entering from Power On, enter digits. Successful, enter extraneous digit afterwards. Correctly ignored.**

Description:..An extra digit is entered after the PIN1 has been accepted. This is ignored.

Preamble: MFW050

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(1) |                               | SIM_VERIFY_PIN_REQ |
    |                               | *=====> *      |
(2) |                               | SIM_VERIFY_PIN_CNF |
    |                               | *<===== *      |
TIMEOUT_WAIT (2500)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
(3) |                               | SIM_MMI_INSERT_IND |
    |                               | *<===== *      |
    |                               |                       |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_BDN_ENABLED
	sim_serv	F_SIM_SRV_4
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS

**History:**

22-02-2002 ef initial

#### 4.3.10 MFW068: PIN entering from Power On, enter digits with delay while entering.

Description: The PIN is requested and after 2 digits a 1 minute delay. Continue with last two digits.

Preamble: MFW050

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (60000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |                          | SIM_VERIFY_PIN_REQ |
      |                          | *=====> *
(2) |                          | SIM_VERIFY_PIN_CNF |
      |                          | *<===== *
(3) |                          | SIM_MMI_INSERT_IND |
      |                          | *<===== *
      |                          |

```

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_BDN_ENABLED
	sim_serv	F_SIM_SRV_4
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS

#### History:

22-02-2002 ef initial

**4.3.11 MFW070: PIN entering from Power On, error in PIN, abort information screen, followed by correct PIN.**

Description: The PIN is requested, but is entered in error. The procedure is aborted by hitting the RHS, and the correct PIN is entered.

Preamble: MFW050



```

      APL                                ACI                                PS
      |                                  |                                  |
COMMAND (MMI CONFIG KEY_SEQUENCE=1)    /* Enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(1) |                                  | SIM_VERIFY_PIN_REQ |
      |                                  *=====>*
(2) |                                  | SIM_VERIFY_PIN_CNF |
      |                                  *<=====*
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R$OFT) /* abort this menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)    /* Enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(3) |                                  | SIM_VERIFY_PIN_REQ |
      |                                  *=====>*
(4) |                                  | SIM_VERIFY_PIN_CNF |
      |                                  *<=====*
(5) |                                  | SIM_MMI_INSERT_IND |
      |                                  *<=====*
(6) |                                  | SIM_READ_REQ      |
      |                                  *=====>*
(7) |                                  | SIM_READ_CNF      |
      |                                  *<=====*
(8) |                                  | SIM_READ_REQ      |
      |                                  *=====>*
(9) |                                  | SIM_READ_CNF      |
      |                                  *<=====*
(10) |                                 | SIM_READ_REQ      |
      |                                  *=====>*
(11) |                                 | SIM_READ_CNF      |
      |                                  *<=====*
(12) |                                 | GMMREG_PLMN_MODE_REQ |
      |                                  *=====>*
(13) |                                 | GMMREG_ATTACH_REQ  |
      |                                  *=====>*
(14) |                                 | GMMREG_ATTACH_CNF  |
      |                                  *<=====*
(15) |                                 | GMMREG_PLMN_MODE_REQ |
      |                                  *=====>*
      |                                  |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

(1) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1239 PIN_1
(2) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN1_EXPECT PIN_1 NUM_2 NUM_10 NUM_3 NUM_10
(3) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1234 PIN_1
(4) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PIN_1 NUM_3 NUM_10 NUM_3 NUM_10
(5) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_BDN_ENABLED F_SIM_SRV_4 IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(6) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(7) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(8) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(9) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED

(10) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(11) SIM_READ_CNF	datafield	SIM_CPHS_CINF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD
(12) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(13) GMMREG_ATTACH_REQ	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(14) GMMREG_ATTACH_CNF	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(15) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

22-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
16-01-2003	ef	change cause on SIM_VERIFY_CNF

**4.3.12 MFW072: PIN entering from Power On via GSM command string, unsuccessful gsm code change. Test Fails.**

Description: The PIN code is requested after Power On, and this is entered via a GSM command string code.

Preamble: MFW001



APL	ACI	PS
COMMAND (MMI CONFIG AUTO_ATTACH)		
(1)	SIM_ACTIVATE_REQ	
	*=====>*	
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
(3)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(4)	GMMREG_ATTACH_REQ	
	*=====>*	
(5)	GMMREG_ATTACH_CNF	
	*<=====*	
(6)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=L\$OFT)		
(7)	SIM_VERIFY_PIN_REQ	
	*=====>*	

(8)			SIM_VERIFY_PIN_CNF	
			* <=====	
(9)			SIM_MMI_INSERT_IND	
			* <=====	

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_CAUSE_PIN1_EXPECT NUM_2 NUM_10 NUM_3 NUM_10 EC_CODES NO_PREF_LANG
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(5) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(6) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(7) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1239 PIN_1
(8) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PIN_1 NUM_3 NUM_10 NUM_3 NUM_10
(9) SIM_MMI_INSERT_IND	func sim_serv	SIM_ADN_ENABLED F_SIM_SRV

imsi_field	IMSI
pref_plmn	PREF_PLMN
phase	PHASE_2_SIM
access_acm	NOT_USED
access_acmmax	NOT_USED
access_puct	NOT_USED

## History:

25-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
16-01-2003	ef	change cause on SIM_ACTIVATE_CNF

**4.3.13 MFW074: PUK entering from Power On via GSM command string, unsuccessful GSM code change. Test Fails.**

Description: The PUK code is requested after Power On, and this is entered via a GSM command string.

Preamble: MFW001



APL	ACI	PS
COMMAND (MMI CONFIG AUTO_ATTACH)		
(1)	SIM_ACTIVATE_REQ	
	*=====>*	
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
(3)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(4)	GMMREG_ATTACH_REQ	
	*=====>*	
(5)	GMMREG_ATTACH_CNF	
	*<=====*	
(6)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		

```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(7) | | | SIM_UNBLOCK_REQ |
| | | *=====> *
(8) | | | SIM_UNBLOCK_CNF |
| | | *<===== *
TIMEOUT_WAIT (6000)
(9) | | | SIM_MMI_INSERT_IND |
| | | *<===== *
| | | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_CAUSE_PUK1_EXPECT NUM_0 NUM_9 NUM_3 NUM_10 EC_CODES NO_PREF_LANG
(3) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(4) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(5) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(6) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(7) SIM_UNBLOCK_REQ	source unlock_key pin pin_id	SRC_MMI PUK_1_VALUE PIN_1_VALUE_1234 PUK_1

(8) SIM_UNBLOCK_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PUK_1 NUM_3 NUM_10 NUM_3 NUM_10
(9) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_ENABLED F_SIM_SRV IMSI PREF_PLMN PHASE_2_SIM NOT_USED NOT_USED NOT_USED

## History:

28-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF
16-01-2003	ef	change cause on

## 4.4 MMI Component Tests - case : PUK entering from Power On

### 4.4.1 MFW100: PIN entering from Power On, repeated failures on verification, initial case for PUK

Description: The PIN code is entered incorrectly 3 times. The PUK code must now be entered.

Preamble: MFW050

```

COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* 2nd attempt Enter PIN1 code */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
(1) | | SIM_VERIFY_PIN_REQ |
| | *=====> *
(2) | | SIM_VERIFY_PIN_CNF |
| | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* 3rd attempt Enter PIN1 code */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)

```

```

(3) | | | SIM_VERIFY_PIN_REQ |
    | | | *=====> *
(4) | | | SIM_VERIFY_PIN_CNF |
    | | | *<===== *
TIMEOUT_WAIT (6000)
    | | | | |
  
```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN1_EXPECT
	pin_id	PIN_1
	pin_cnt	NUM_1
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PIN_1
(4) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PUK1_EXPECT
	pin_id	PIN_1
	pin_cnt	NUM_0
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

**History:**

25-02-2002	ef	initial
16-01-2003	ef	change cause in SIM_VERIFY_PIN_CNF

**4.4.2 MFW102: PUK entering from Power On, enter the PUK. Successful case.**

Description: After Power on, and 3 unsuccessful PIN code entries, the PUK code is requested, together with the PIN code and its verification.



Preamble: MFW100

```

COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter PUK1 code */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter New PIN1 code */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Confirm PIN1 code */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(1) | | SIM_UNBLOCK_REQ |
| | *=====>*
(2) | | SIM_UNBLOCK_CNF |
| | *<=====*
(3) | | SIM_READ_REQ |
| | *=====>*
(4) | | SIM_MMI_INSERT_IND |
| | *<=====*
(5) | | SIM_READ_REQ |
| | *=====>*
(6) | | SIM_READ_CNF |
| | *<=====*
(7) | | SIM_READ_REQ |
| | *=====>*
(8) | | SIM_READ_CNF |
| | *<=====*
(9) | | GMMREG_PLMN_MODE_REQ |
| | *=====>*
(10) | | GMMREG_ATTACH_REQ |
| | *=====>*

```





(8) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED
(9) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(10) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(11) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(12) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

25-02-2002	ef	initial
01-08-2002	ef	updated the GMM_ATTACH_CNF and added CPHS read

**4.4.3 MFW104: PUK entering from Power On, PIN verification, new PIN is different.**

Description: Enter the PUK code, followed PIN but error in verification. Repeat. Re-enter PIN twice OK.

Preamble: MFW100

APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* Enter PUK1 code */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (5000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* Enter PIN1 code */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (5000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* Confirm PIN1 code */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (5000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* Enter PIN1 code */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (5000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* Confirm PIN1 code */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		

```

(1) | | | SIM_UNBLOCK_REQ |
| | | * =====> *
(2) | | | SIM_UNBLOCK_CNF |
| | | * <===== *
(3) | | | SIM_MMI_INSERT_IND |
| | | * <===== *
(4) | | | SIM_READ_REQ |
| | | * =====> *
(5) | | | SIM_READ_REQ |
| | | * =====> *
(6) | | | SIM_READ_CNF |
| | | * <===== *
(7) | | | SIM_READ_REQ |
| | | * =====> *
(8) | | | SIM_READ_CNF |
| | | * <===== *
(9) | | | GMMREG_PLMN_MODE_REQ |
| | | * =====> *
(10) | | | GMMREG_ATTACH_REQ |
| | | * =====> *
(11) | | | GMMREG_ATTACH_CNF |
| | | * <===== *
(12) | | | GMMREG_PLMN_MODE_REQ |
| | | * =====> *
| | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_1_VALUE
	pin	PIN_1_VALUE_1234
	pin_id	PUK_1
(2) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PUK_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_ENABLED
	sim_serv	F_SIM_SRV
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(4) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3

(5) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(6) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(7) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(8) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED
(9) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(10) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(11) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(12) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

25-02-2002	ef	initial
01-08-2002	ef	updated for CPHS read and updated the GMM_ATTACH_CNF

**4.4.4 MFW106: PUK entering from Power On, error in PUK, re-input the correct PUK.**

Description: The PUK1 code is requested after Power On, enter incorrect PUK1, followed by correct PUK1.

Preamble: MFW100



```

      APL                                ACI                                PS
      |                                  |                                  |
COMMAND (MMI CONFIG KEY_SEQUENCE=1)    /* 1st attempt err Enter PUK1 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)    /* Enter PIN1 code */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Confirm PIN1 code */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |                                | SIM_UNBLOCK_REQ |
    |                                *----->*
(2) |                                | SIM_UNBLOCK_CNF |
    |                                *<-----*
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)    /* Enter PUK1 code */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)

```



	pin_id	PUK_1
	pin_cnt	NUM_3
	puk_cnt	NUM_9
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_1_VALUE
	pin	PIN_1_VALUE_1234
	pin_id	PUK_1
(4) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PUK_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(5) SIM_MMI_INSERT_IND	func	SIM_ADN_ENABLED
	sim_serv	F_SIM_SRV
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(6) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(7) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(8) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(9) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(10) SIM_READ_CNF	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_ENABLED

(11) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(12) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(13) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(14) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

25-02-2002	ef	initial
01-08-2002	ef	updated for CPHS read and updated the GMM_ATTACH_CNF

**4.4.5 MFW108: PUK entering from Power On, wrong digit, clear, wrong digit, long pressed clear. Correct PUK.**

Description: The PUK1 code is requested after power on. During entry two digits are cleared by the RHS.

Preamble: MFW100



```

      APL                                ACI                                PS
      |                                  |                                  |
COMMAND (MMI CONFIG KEY_SEQUENCE=1)    /* Enter PUK1 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Clear */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Clear */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)    /* Enter new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Verify PIN */
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |                                | SIM_UNBLOCK_REQ |
    |                                *=====>*
(2) |                                | SIM_UNBLOCK_CNF |
    |                                *<=====*
(3) |                                | SIM_MMI_INSERT_IND |
    |                                *<=====*
(4) |                                | SIM_READ_REQ |
    |                                *=====>*
(5) |                                | SIM_READ_REQ |
    |                                *=====>*
(6) |                                | SIM_READ_CNF |
    |                                *<=====*

```

```

(7) | | | SIM_READ_REQ |
| | | * =====> *
(8) | | | SIM_READ_CNF |
| | | * <===== *
(9) | | | GMMREG_PLMN_MODE_REQ |
| | | * =====> *
(10) | | | GMMREG_ATTACH_REQ |
| | | * =====> *
(11) | | | GMMREG_ATTACH_CNF |
| | | * <===== *
(12) | | | GMMREG_PLMN_MODE_REQ |
| | | * =====> *
| | | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_1_VALUE
	pin	PIN_1_VALUE_1234
	pin_id	PUK_1
(2) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PUK_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_ENABLED
	sim_serv	F_SIM_SRV
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(4) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(5) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(6) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR

	length	NUM_12
	trans_data	A_ECC_FIELD
(7) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(8) SIM_READ_CNF		
	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_ENABLED
(9) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(10) GMMREG_ATTACH_REQ		
	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(11) GMMREG_ATTACH_CNF		
	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(12) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

25-02-2002	ef	initial
01-08-2001	ef	updated for CPHS read and updated the GMM_ATTACH_CNF

**4.4.6 MFW110: PUK entering from Power On, wrong digit, clear, wrong digit, End key. Correct PUK.**

Description: After Power On, the PUK1 code is requested. During entry all digits are cleared by long RHS press.

Preamble: MFW100



```

      APL                                ACI                                PS
      |                                |                                |
COMMAND (MMI CONFIG KEY_SEQUENCE=1)    /* Enter PUK1 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_PRESS=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)    /* Enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)    /* Verify PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |                                | SIM_UNBLOCK_REQ |
    |                                * >===== *
(2) |                                | SIM_UNBLOCK_CNF |
    |                                * <===== *
(3) |                                | SIM_MMI_INSERT_IND |
    |                                * <===== *

```

```

(4) | | | SIM_READ_REQ |
| | | *=====>*
(5) | | | SIM_READ_REQ |
| | | *=====>*
(6) | | | SIM_READ_CNF |
| | | *<=====*
(7) | | | SIM_READ_REQ |
| | | *=====>*
(8) | | | SIM_READ_CNF |
| | | *<=====*
(9) | | | GMMREG_PLMN_MODE_REQ |
| | | *=====>*
(10) | | | GMMREG_ATTACH_REQ |
| | | *=====>*
(11) | | | GMMREG_ATTACH_CNF |
| | | *<=====*
(12) | | | GMMREG_PLMN_MODE_REQ |
| | | *=====>*
| | | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_1_VALUE
	pin	PIN_1_VALUE_1234
	pin_id	PUK_1
(2) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PUK_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_ENABLED
	sim_serv	F_SIM_SRV
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(4) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(5) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC



	length max_length	NOT_PRESENT_8BIT NUM_0
(6) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(7) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(8) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED
(9) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(10) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(11) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(12) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

## History:

25-02-2002	ef	initial
01-08-2002	ef	updated for CPHS read and the GMMREG_ATTACH_CNF
13-02-2003	ef	long rhs deletes all digits on the PIN window.

**4.4.7 MFW112: PUK entering from Power On, Emergency call setup.**

Description: The PUK1 code is requested after Power On. An Emergency Call (112) is Setup.

Preamble: MFW100

APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=L\$OFT)		
TIMEOUT_WAIT (3000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=L\$OFT)		
(1)	MNCC_SETUP_REQ	
	*=====>*	
(2)	SIM_SYNC_REQ	
	*=====>*	
(3)	MNCC_SYNC_IND	
	*<=====*	
(4)	MNCC_SETUP_CNF	
	*<=====*	
(5)	SIM_SYNC_CNF	
	*<=====*	

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti prio ri bcpara bcpara2 called_party called_party_sub clir_sup fac_inf	TI_MO_0 PRIO_EMERG_CALL NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE CLEД_PARTY_112 CLEД_PARTY_SUB_NONE NOT_PRESENT_8BIT NOT_USED
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(4) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_END_TO_END_PLMN CONNECTED_NUMBER_112 CONNECTED_PARTY_SUB_NONE
(5) SIM_SYNC_CNF	cause	SIM_NO_ERROR

## History:

25-02-2002	ef	initial
13-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
15-01-2003	ef	add cause to SIM_SYNC_CNF
14-08-2003	ef	add TCH indication

## 4.5 MMI Component Tests - case : Main Menu, Security, Pin1 codes.

### 4.5.1 MFW150: Main Menu, Security, Pin code: PIN changed, successful,

Description: From Idle go to Security, PIN, Change PIN. Old PIN1 requested, followed by new PIN1 and then confirm new PIN1.

Preamble: MFW052



```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(2) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter new PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(3) | | SIM_CHANGE_PIN_REQ |
```

```

|
(4) | * =====> *
| | SIM_CHANGE_PIN_CNF |
| | * <===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PIN_1
(4) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

**History:**

04-03-2002	ef	initial
16-01-2003	ef	longer delay to allow PIN menu to be output
27-08-2003	ef	add RSK key to bring back to idle

**4.5.2 MFW152: Main Menu, Security, PIN, Change, enter old Pin code, abort, back to Idle**

Description: From Idle screen, open Security, PIN, Change, and input old PIN, delete all and return back to Idle Screen by 4 RHS presses.

Preamble: MFW052



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9) /* enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Back to Idle Screen */
TIMEOUT_WAIT (2000)

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

## History:

12-03-2002	ef	initial
14-08-2003	ef	one extra RSK for Idle mode

**4.5.3 MFW154: Main Menu, Security, PIN, Change, enter Pin code, error in new pin, correct new pin.**

Description:..From Idle open Security, PIN, Change, and input old PIN, confirm with error for new pin once, then correct PIN.

Preamble: MFW052



```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(2) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* 1st attempt Enter new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Confirm new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(3) | | SIM_CHANGE_PIN_REQ |

```

```

|
(4) | *=====> *
| | SIM_CHANGE_PIN_CNF |
| | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* 2nd attempt Enter new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Confirm new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(5) | | SIM_CHANGE_PIN_REQ |
| | *=====> *
(6) | | SIM_CHANGE_PIN_CNF |
| | *<===== *
TIMEOUT_WAIT (5000)
| |
| |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PIN_1
(4) SIM_CHANGE_PIN_CNF	cause	SIM_CAUSE_PIN1_REMAIN2
	pin_id	PIN_1
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

(5) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PIN_1
(6) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

## History:

12-03-2002	ef	initial
16-01-2003	ef	longer delay to allow PIN menu to be output

#### 4.5.4 MFW156: Main Menu, Security, PIN, Change, Pin code, wrong pin, wrong lhs. Change PIN.

Description: From Idle screen, open Security, PIN, Change and input old PIN, wrong lhs, confirm with error each time. Pin change success.

Preamble: MFW052



```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4) /* Confirm old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(2) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3) /* Enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Confirm new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(3) | | SIM_CHANGE_PIN_REQ |
| | *=====> *
(4) | | SIM_CHANGE_PIN_CNF |
| | *<===== *
TIMEOUT_WAIT (5000)
| | |
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PIN_1
(4) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

## History:

13-03-2002	ef	initial
16-01-2003	ef	longer delay to allow PIN menu to init

**4.5.5 MFW158: Main Menu, Security, PIN, Change, Pin code, new Pin again: abort clear**

Description: From Idle, open Security, PIN, Change, and input correct PIN, Clear (abort), back to main menu.

Preamble: MFW052



```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(2) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=END)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)
TIMEOUT_WAIT (2000)
| | | |

```

Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

(1) SIM\_VERIFY\_PIN\_REQ

source	SRC_MMI
pin	PIN_1_VALUE_1234
pin_id	PHASE_2_PIN_1

(2) SIM\_VERIFY\_PIN\_CNF

cause	SIM_NO_ERROR
pin_id	PHASE_2_PIN_1
pin_cnt	NUM_3
puk_cnt	NUM_10
pin2_cnt	NUM_3
puk2_cnt	NUM_10

History:

13-03-2002	ef	initial
16-01-2003	ef	longer delay for PIN menu

**4.5.6 MFW160: Main Menu, Security, PIN2, PIN 2 changed, with long delay while entering.**

Description: From Idle screen, open Security, PIN2, change PIN2 but introduce long delay while entering the confirm PIN2.

Preamble: MFW052

```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* ignore */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(2) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (10000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Confirm new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)

```



```

(3) | | SIM_CHANGE_PIN_REQ |
    | | * =====> *
TIMEOUT_WAIT (5000)
(4) | | SIM_CHANGE_PIN_CNF |
    | | * <===== *
    | | | |
    | | | |
    
```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1234
	pin_id	PIN_2
(4) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_2
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

History:

13-03-2002 ef initial

**4.5.7 MFW162: Main Menu, Security, PIN enabled by default, Pin, Pin disabled.**

Description: PIN enabled. From the Menu, Check we can disable the PIN.

Preamble: MFW050

```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |                                     | SIM_VERIFY_PIN_REQ |
    |                                     | *=====> *
(2) |                                     | SIM_VERIFY_PIN_CNF |
    |                                     | *<===== *
TIMEOUT_WAIT (2000)
(3) |                                     | SIM_MMI_INSERT_IND |
    |                                     | *<===== *
(4) |                                     | SIM_READ_REQ       |
    |                                     | *=====> *
(5) |                                     | SIM_READ_CNF       |
    |                                     | *<===== *
(6) |                                     | SIM_READ_REQ       |
    |                                     | *=====> *
(7) |                                     | SIM_READ_CNF       |
    |                                     | *<===== *
(8) |                                     | SIM_READ_REQ       |
    |                                     | *=====> *
(9) |                                     | GMMREG_PLMN_MODE_REQ |
    |                                     | *=====> *
(10) |                                    | GMMREG_ATTACH_REQ  |
    |                                    | *=====> *
TIMEOUT_WAIT (5000)
(11) |                                    | GMMREG_ATTACH_CNF  |
    |                                    | *<===== *
(12) |                                    | GMMREG_PLMN_MODE_REQ |
    |                                    | *=====> *
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)         /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)         /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)         /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Deactivate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)         /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)            /* Enter PIN 1 */

```

```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(13) |                               | SIM_DISABLE_PIN_REQ |
      |                               | *=====> *
TIMEOUT_WAIT (6000)
(14) |                               | SIM_DISABLE_PIN_CNF |
      |                               | *<===== *
      |                               |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_MMI_INSERT_IND	func	SIM_ADN_BDN_ENABLED
	sim_serv	SIM_SERV_PHASE_2_ADN_BDN
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(4) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(5) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(6) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0



(7) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_ENABLED
(8) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_CPHS_CINF NOT_PRESENT_8BIT NUM_3
(9) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(10) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(11) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(12) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(13) SIM_DISABLE_PIN_REQ	source pin	SRC_MMI PIN_1_VALUE_1234
(14) SIM_DISABLE_PIN_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR NUM_2 NUM_10 NUM_3 NUM_10

## History:

14-03-2002	ef	initial
01-08-2002	ef	updated for CPHS read and GMMREG_ATTACH_CNF

**4.5.8 MFW164: Main Menu, Change PIN by GSM command string \*\*04\*.**

Description: From Idle screen, open Security, and Change PIN via a GSM command string.

Preamble: MFW052



```
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
```

```

COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
(1) |                                     | SIM_CHANGE_PIN_REQ |
    |                                     | *=====>*         |
(2) |                                     | SIM_CHANGE_PIN_CNF |
    |                                     | *<=====*         |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
|                                     |                     |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PIN_1
(2) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

**History:**

15-03-2002 ef initial

**4.5.9 MFW166: Main Menu, Security, PIN, PIN changed via GSM code, 1<sup>st</sup> attempt fail, 2<sup>nd</sup> success.**

Description: From Idle screen, open Security, and Change PIN via a GSM command string, first attempt unsuccessful, second attempt successful.

Preamble: MFW052



```
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
(1) |                                     | SIM_CHANGE_PIN_REQ |
    |                                     | =====> *
(2) |                                     | SIM_CHANGE_PIN_CNF |
    |                                     | <===== *
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                                     /* Enter old PIN */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(3) |                                     | SIM_VERIFY_PIN_REQ |
    |                                     | =====> *
(4) |                                     | SIM_VERIFY_PIN_CNF |
    |                                     | <===== *
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                                     /* Enter new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                                     /* Confirm PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(5) |                                     | SIM_CHANGE_PIN_REQ |
    |                                     | =====> *
TIMEOUT_WAIT (4000)
(6) |                                     | SIM_CHANGE_PIN_CNF |
    |                                     | <===== *
    |                                     |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PIN_1

(2) SIM_CHANGE_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN1_REMAIN2 PIN_1 NUM_2 NUM_10 NUM_3 NUM_10
(3) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1234 PIN_1
(4) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PIN_1 NUM_3 NUM_10 NUM_3 NUM_10
(5) SIM_CHANGE_PIN_REQ	source old_pin new_pin pin_id	SRC_MMI PIN_1_VALUE_1234 PIN_1_VALUE_1233 PIN_1
(6) SIM_CHANGE_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PIN_1 NUM_3 NUM_10 NUM_3 NUM_10

## History:

15-03-2002 ef initial

#### 4.5.10 MFW168: Main Menu, Security, Pin2, PIN2 changed via GSM code, successful (Pin enabled)

Description: PIN2 defaults to enabled. Main Menu window and open Security, and Change PIN2 via a GSM command string, first attempt successful.

Preamble: MFW052



```
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
```

```

COMMAND (MMI CONFIG KEY_SEQUENCE=#)
(1) |                                     | SIM_CHANGE_PIN_REQ |
    |                                     | *=====> *
(2) |                                     | SIM_CHANGE_PIN_CNF |
    |                                     | *<===== *
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Back to Idle Screen */
TIMEOUT_WAIT (2000)
|                                     |
  
```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PIN_2
(2) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_2
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

**History:**

15-03-2002	ef	initial
16-01-2003	ef	longer delay to allow PIN menu display

**4.5.11 MFW170: Main Menu, Security, PIN, Change PIN by GSM command string, twice in a row.**

Description: From Idle screen, open Security, PIN, Change, enter PIN using GSM command string twice.

Preamble: MFW052



```
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
(1) | | SIM_CHANGE_PIN_REQ |
| | *=====> *
(2) | | SIM_CHANGE_PIN_CNF |
| | *<===== *
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
(3) | | SIM_CHANGE_PIN_REQ |
| | *=====> *
(4) | | SIM_CHANGE_PIN_CNF |
| | *<===== *
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT)
TIMEOUT_WAIT (2000)

```

```

COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PIN_1
(2) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PIN_1
(4) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

## History:

15-03-2002	ef	initial
27-08-2003	ef	add RSK to bring back to idle

**4.5.12 MFW172: Main Menu, Change PIN by GSM command string, error in code. Re enter code.**

Description: From the idle screen, open Security, and Change PIN via a GSM command string. Error in code, re-enter old pin as directed.

Preamble: MFW052



```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(2) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Confirm new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(3) | | SIM_CHANGE_PIN_REQ |
| | *=====>*
(4) | | SIM_CHANGE_PIN_CNF |
| | *<=====*

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PIN_1
(4) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

**History:**

18-03-2002	ef	initial
16-01-2003	ef	longer delay for PIN menu



4.5.13 MFW174: Main Menu, Change PIN, Error 3 times in entry, so the PUK is entered by gsm code.

Description: From the Idle screen, open Security, PIN, Change, and enter PIN,. Error in verification 3 times, so enter PUK code via GSM command string.

Note: 1st PIN failure is in the preamble.

Preamble: MFW052

```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* 2nd attempt enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(2) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```



```

|
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
(5) | | SIM_UNBLOCK_REQ |
| | *=====> *
(6) | | SIM_UNBLOCK_CNF |
| | *===== *
TIMEOUT_WAIT (4000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

(1) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1239 PIN_1
(2) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN1_EXPECT PIN_1 NUM_1 NUM_10 NUM_3 NUM_10
(3) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1239 PIN_1
(4) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PUK1_EXPECT PIN_1 NUM_0 NUM_10 NUM_3 NUM_10
(5) SIM_UNBLOCK_REQ	source unblock_key pin pin_id	SRC_MMI PUK_1_VALUE PIN_1_VALUE_1234 PUK_1
(6) SIM_UNBLOCK_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PUK_1 NUM_3 NUM_10 NUM_3 NUM_10

## History:

19-03-2002	ef	initial
16-01-2003	ef	longer delay for PIN menu
16-01-2003	ef	change cause in SIM_VERIFY_PIN_CNF

**4.5.14 MFW176: Main Menu, Change PIN, 3 times error in input, error in PUK GSM code, correct PUK.**

Description: From the Idle screen, open Security, PIN, Change, and enter PIN,. Error in verification 3 times, so enter PUK code via a GSM command string. The first attempt is in error, next is correct.

Preamble: MFW052



```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* 2nd attempt enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(2) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* 3rd attempt enter old PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(3) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(4) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
(5) | | SIM_UNBLOCK_REQ |
| | *=====> *
(6) | | SIM_UNBLOCK_CNF |
| | *<===== *
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)

```



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
(7) | | SIM_UNBLOCK_REQ |
| | *=====*> *
(8) | | SIM_UNBLOCK_CNF |
| | *<===== *
TIMEOUT_WAIT (4000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PIN_1
(2) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN1_EXPECT
	pin_id	PIN_1
	pin_cnt	NUM_1
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_VERIFY_PIN_REQ	source	SRC_MMI

	pin	PIN_1_VALUE_1239
	pin_id	PIN_1
(4) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PUK1_EXPECT
	pin_id	PIN_1
	pin_cnt	NUM_0
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(5) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_1_VALUE
	pin	PIN_1_VALUE_1234
	pin_id	PUK_1
(6) SIM_UNBLOCK_CNF	cause	SIM_CAUSE_PUK1_REMAIN9
	pin_id	PUK_1
	pin_cnt	NUM_3
	puk_cnt	NUM_9
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(7) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_1_VALUE
	pin	PIN_1_VALUE_1234
	pin_id	PUK_1
(8) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PUK_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

## History:

19-03-2002	ef	initial
16-01-2003	ef	longer delay for PIN menu
16-01-2003	ef	change cause in SIM_VERIFY_PIN_CNF

**4.5.15 MFW178: PIN Deactivated. Main Menu, Security, PIN, Activate, Deactivate, Activate in sequence.**

Description: PIN Deactivated in Security menu, back to Main Menu, Security, PIN, Activate, Deactivate, Activate. Then back to the Main Menu.

Preamble: MFW015



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Activate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | SIM_ENABLE_PIN_REQ |
| | *=====>*
(2) | | SIM_ENABLE_PIN_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Deactivate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(3) | | SIM_DISABLE_PIN_REQ |
| | *=====>*
(4) | | SIM_DISABLE_PIN_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=UP) /* Activate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter PIN */
TIMEOUT_WAIT (2000)

```

```

COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(5) | | SIM_ENABLE_PIN_REQ |
| | *=====> *
(6) | | SIM_ENABLE_PIN_CNF |
| | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT) /* back to idle screen */
| | |

```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) SIM_ENABLE_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
(2) SIM_ENABLE_PIN_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_DISABLE_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
(4) SIM_DISABLE_PIN_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(5) SIM_ENABLE_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
(6) SIM_ENABLE_PIN_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

**History:**

19-03-2002 ef initial



#### 4.5.16 MFW180: PIN enabled, enter emergency call and successfull pin entering. Test fails.

Description: After Power On and before the PIN is input, enter Emergency call number, after Setup, finish call and enter the correct PIN.

Preamble: MFW050

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
(1) |                          | MNCC_SETUP_REQ          |
      |                          | *=====>*            |
(2) |                          | SIM_SYNC_REQ           |
      |                          | *=====>*            |
(3) |                          | MNCC_SETUP_CNF        |
      |                          | *<=====*           |
(4) |                          | SIM_SYNC_CNF           |
      |                          | *<=====*           |
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT) /* end call */
(5) |                          | SIM_SYNC_REQ           |
      |                          | *=====>*            |
(6) |                          | MNCC_DISCONNECT_REQ    |
      |                          | *=====>*            |
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
(7) |                          | SIM_VERIFY_PIN_REQ     |
      |                          | *=====>*            |
(8) |                          | SIM_VERIFY_PIN_CNF     |
      |                          | *<=====*           |
(9) |                          | SIM_MMI_INSERT_IND     |
      |                          | *<=====*           |
(10) |                          | SIM_READ_REQ           |
      |                          | *=====>*            |
(11) |                          | SIM_READ_CNF           |
      |                          | *<=====*           |
(12) |                          | SIM_READ_REQ           |
      |                          | *=====>*            |
(13) |                          | SIM_READ_CNF           |
      |                          | *<=====*           |
TIMEOUT_WAIT (5000)
      |                        |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_EMERG_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_112
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) MNCC_SETUP_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_END_TO_END_PLMN
	connected_number	CONNECTED_NUMBER_112
	connected_number_sub	CONNECTED_PARTY_SUB_NONE
(4) SIM_SYNC_CNF	cause	SIM_NO_ERROR
(5) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(6) MNCC_DISCONNECT_REQ	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(7) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_1
(8) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_1
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(9) SIM_MMI_INSERT_IND	func	SIM_ADN_BDN_ENABLED
	sim_serv	F_SIM_SRV_4
	imsi_field	IMSI
	pref_plmn	PREF_PLMN
	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
access_puct	ACCESS_ALWAYS	
(10) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0

	datafield	SIM_ECC
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(11) SIM_READ_CNF		
	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(12) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_AD
	length	NOT_PRESENT_8BIT
	max_length	NUM_0
(13) SIM_READ_CNF		
	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_ENABLED

## History:

20-03-2002	ef	initial
16-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
20-12-2002	ef	update the cause value for MNCC_DISCONNECT_REQ
15-01-2003	ef	add cause to SIM_SYNC_CNF

#### 4.5.17 MFW182: PIN disabled. Main menu, Security, Activate, PIN. unsuccessful, re-try with correct PIN.

Description: PIN defaults to disabled. From the Idle screen, Security, PIN, Activate, enter incorrect PIN, followed by the correct PIN.

Preamble: MFW015

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)               /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)               /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Activate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)               /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                   /* Enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(1) |                               | SIM_ENABLE_PIN_REQ |
    |                               | *=====>*
(2) |                               | SIM_ENABLE_PIN_CNF |
    |                               | *<=====*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                   /* Enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(3) |                               | SIM_ENABLE_PIN_REQ |
    |                               | *=====>*
(4) |                               | SIM_ENABLE_PIN_CNF |
    |                               | *<=====*
TIMEOUT_WAIT (3700)
      |                        |                        |

```

Parametrization:

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) SIM_ENABLE_PIN_REQ	source pin	SRC_MMI PIN_1_VALUE_1234
(2) SIM_ENABLE_PIN_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN1_REMAIN2 NUM_2 NUM_10 NUM_3 NUM_10
(3) SIM_ENABLE_PIN_REQ	source pin	SRC_MMI PIN_1_VALUE_1234
(4) SIM_ENABLE_PIN_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10

## History:

20-03-2002 ef initial



4.5.18 MFW184: PIN disabled. Power On Sequence Main menu, Security, PIN, Activate. Not successful, Delete.

Description:.PIN defaults to disabled. From the Idle screen, Security, Pin, enter incorrect PIN in the Enable PIN Menu, followed by the Delete key to go back to the PIN Menu.

Preamble: MFW015

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Activate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                    /* Enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(1) |                               | SIM_ENABLE_PIN_REQ |
    |                               | *=====> *
(2) |                               | SIM_ENABLE_PIN_CNF |
    |                               | *<===== *
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
      |                        |                        |

```

Parametrization:

Primitive	Parameter	Value
(1) SIM_ENABLE_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
(2) SIM_ENABLE_PIN_CNF	cause	SIM_CAUSE_PIN1_REMAIN2
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

History:

20-03-2002 ef initial

**4.5.19 MFW186: PIN enabled. Activate PIN. Advisory message is displayed.**

Description: PIN is enabled from previous test and in the PIN Menu, LHS pressed to activate PIN. Message PIN Activated is displayed. Back to Idle screen

Preamble: MFW182

APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

21-03-2002 ef initial

#### 4.5.20 MFW188: Power On Sequence Main Menu, Security, Pin, Activate, unsuccessful PIN enabled 3 times. PUK code.

Description: Default PIN disabled. Main menu, Security, PIN, Activate. Enter PIN 3 times incorrectly. Enter PUK code and correct PIN.

Preamble: MFW015

```

      APL              ACI              PS
      |                |                |
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Activate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* 1st attempt Enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |                | SIM_ENABLE_PIN_REQ |
    |                | *=====>*
(2) |                | SIM_ENABLE_PIN_CNF |
    |                | *<=====*
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* 2nd attempt enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(3) |                | SIM_ENABLE_PIN_REQ |
    |                | *=====>*
(4) |                | SIM_ENABLE_PIN_CNF |
    |                | *<=====*
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* 3rd attempt enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)

```



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(5) | | SIM_ENABLE_PIN_REQ |
| | *=====>*
(6) | | SIM_ENABLE_PIN_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (8000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter PUK */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter new PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Confirm PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(7) | | SIM_UNBLOCK_REQ |
| | *=====>*
(8) | | SIM_UNBLOCK_CNF |
| | *<=====*
```

```

TIMEOUT_WAIT (6000)
| | |
| | |
```

Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------



(1) SIM_ENABLE_PIN_REQ	source pin	SRC_MMI PIN_1_VALUE_1234
(2) SIM_ENABLE_PIN_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN1_EXPECT NUM_2 NUM_10 NUM_3 NUM_10
(3) SIM_ENABLE_PIN_REQ	source pin	SRC_MMI PIN_1_VALUE_1234
(4) SIM_ENABLE_PIN_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN1_EXPECT NUM_1 NUM_10 NUM_3 NUM_10
(5) SIM_ENABLE_PIN_REQ	source pin	SRC_MMI PIN_1_VALUE_1234
(6) SIM_ENABLE_PIN_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PUK1_EXPECT NUM_0 NUM_10 NUM_3 NUM_10
(7) SIM_UNBLOCK_REQ	source unblock_key pin pin_id	SRC_MMI PUK_1_VALUE PIN_1_VALUE_1234 PUK_1
(8) SIM_UNBLOCK_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PUK_1 NUM_3 NUM_10 NUM_3 NUM_10

## History:

21-03-2002	ef	initial
18-01-2003	ef	



4.5.21 MFW190: Default PIN disabled. Power On Sequence Main Menu, Security, Pin, Activate failed GSM command string, then manually enter.

Description:.PIN disabled by default Main menu, Security, PIN, Activate, enter PIN change using GSM command string which is not successful., followed by correct PIN entered via the keypad..

Preamble: MFW015

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Activate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | | SIM_ENABLE_PIN_REQ |
    | | | *=====> *
(2) | | | SIM_ENABLE_PIN_CNF |
    | | | *<===== *
TIMEOUT_WAIT (6000)
      |                        |                        |

```

Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

(1) SIM\_ENABLE\_PIN\_REQ

source  
pin

SRC\_MMI  
PIN\_1\_VALUE\_1234

(2) SIM\_ENABLE\_PIN\_CNF

cause  
pin\_cnt  
puk\_cnt  
pin2\_cnt  
puk2\_cnt

SIM\_NO\_ERROR  
NUM\_2  
NUM\_10  
NUM\_3  
NUM\_10

History:

21-03-2002 ef initial



4.5.22 MFW192: . Power On Sequence Main Menu, Security, PIN, Deactivate, enter PIN, wrong PIN then correct PIN.

Description: PIN enabled by default. Main menu, Security, PIN, Deactivate, enter incorrect PIN1, followed by correct PIN1.

Preamble: MFW052

```

      APL              ACI              PS
      |                |                |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Deactivate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* 1st attempt Enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |                | SIM_DISABLE_PIN_REQ |
    |                | *=====>*
(2) |                | SIM_DISABLE_PIN_CNF |
    |                | *<=====*
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* 2nd attempt enter PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(3) |                | SIM_DISABLE_PIN_REQ |
    |                | *=====>*
(4) |                | SIM_DISABLE_PIN_CNF |
    |                | *<=====*
TIMEOUT_WAIT (3200)
      |                |                |

```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) SIM_DISABLE_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
(2) SIM_DISABLE_PIN_CNF	cause	SIM_CAUSE_PIN1_REMAIN2
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_DISABLE_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
(4) SIM_DISABLE_PIN_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

## History:

21-03-2002 ef initial

#### 4.5.23 MFW194: PIN enabled by default. Power On Sequence, Main menu, Security, Pin, Deactivate, failure and back to IdleScreen.

Description: From the idle screen, Main menu, Security, failure to Deactivate and back to idle screen.

Preamble: MFW052

APL	ACI	PS
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Security */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* PIN */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Deactivate */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* enter PIN */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
(1)	SIM_DISABLE_PIN_REQ	
	*=====>*	
(2)	SIM_DISABLE_PIN_CNF	
	*<=====*	
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* Enter PIN */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		

```

COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_DISABLE_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
(2) SIM_DISABLE_PIN_CNF	cause	SIM_CAUSE_PIN1_REMAIN2
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

## History:

22-03-2002	ef	initial
14-08-2003	ef	Add RSK to go back to idle

**4.5.24 MFW196: PIN enabled by default. Power On Sequence, Main Menu, Security, Pin, Deactivate, enter by GSM code(error), then correctly.**

Description: From the Idle screen, Main menu, Security, failure to Deactivate via GSM command string, followed by correct entry and some LHS presses. Back to idle screen.

Preamble: MFW052



```

      APL              ACI              PS
      |              |              |
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Deactivate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |              | SIM_DISABLE_PIN_REQ |
    |              | *=====>*
(2) |              | SIM_DISABLE_PIN_CNF |
    |              | *<=====*
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Back to idle screen */
      |              |              |

```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) SIM_DISABLE_PIN_REQ	source pin	SRC_MMI PIN_1_VALUE_1234
(2) SIM_DISABLE_PIN_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR NUM_2 NUM_10 NUM_3 NUM_10

## History:

22-03-2002 ef initial

**4.5.25 MFW198: PIN disabled by default. Power On Sequence Main Menu, Security, Pin, Deactivate, no pin needed for disable.**

Description: From the Main menu, Security, PIN, Deactivate. However PIN is already Deactivated so a message is displayed.

Preamble: MFW050



```

      APL              ACI              PS
      |              |              |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* PIN */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Deactivate /
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
      |              |              |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

22-03-2002	ef	initial
------------	----	---------

**4.6 MMI Component Tests - case : Main Menu, Security, Pin2 codes.**

**4.6.1 MFW250: Main Menu, Security, Pin2, enter, with time out while entering, successful**

Description: From Idle screen, open Security, PIN2, enter old PIN2, start to enter new PIN2 and Timeout. Re-enter new PIN2. and confirm PIN2.

Preamble: MFW052



APL	ACI	PS
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Security */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* PIN2 */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* enter old PIN2 */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* OK */
(1)	SIM_VERIFY_PIN_REQ	
	*=====>*	
(2)	SIM_VERIFY_PIN_CNF	
	*<=====*	
TIMEOUT_WAIT (5000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* enter new PIN2 */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* OK */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (40000)		/* timeout */
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* re-enter */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
(3)	SIM_CHANGE_PIN_REQ	

```

|
(4) | *=====>*
| | SIM_CHANGE_PIN_CNF |
| | *<=====*
```

TIMEOUT\_WAIT (6000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=RSOFT)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=RSOFT) /\* back to idle screen \*/  
TIMEOUT\_WAIT (2000)
| | |

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PIN_2
(4) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

**History:**

22-03-2002 ef initial

**4.6.2 MFW252: Main Menu, Security, Pin2, confirm PIN 2 entry in error, then successful**

Description: From the Idle screen, open Security, and Change PIN2, incorrect confirmation of PIN2, followed by successful confirmation of new PIN2.

Preamble: MFW052

```

      APL          ACI          PS
      |            |            |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
(1) |                | SIM_VERIFY_PIN_REQ |
    |                | *=====>*
(2) |                | SIM_VERIFY_PIN_CNF |
    |                | *<=====*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter new PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* error in PIN2 */
(3) |                | SIM_CHANGE_PIN_REQ |
    |                | *=====>*
(4) |                | SIM_CHANGE_PIN_CNF |
    |                | *<=====*
TIMEOUT_WAIT (5000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* enter new PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT) /* OK */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT) /* OK */
(5) | | SIM_CHANGE_PIN_REQ |
| | *=====> *
(6) | | SIM_CHANGE_PIN_CNF |
| | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT) /* back to idle screen */
TIMEOUT_WAIT (2000)
| | |

```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PIN_2
(4) SIM_CHANGE_PIN_CNF	cause	SIM_CAUSE_PIN2_REMAIN2
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

(5) SIM_CHANGE_PIN_REQ	source old_pin new_pin pin_id	SRC_MMI PIN_1_VALUE_1234 PIN_1_VALUE_1233 PHASE_2_PIN_2
(6) SIM_CHANGE_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PHASE_2_PIN_2 NUM_2 NUM_10 NUM_3 NUM_10

## History:

25-03-2002	ef	initial
17-01-2003	ef	increase time delay at start to allow menu display

**4.6.3 MFW254: Main Menu, Security, Pin2, enter old PIN 2, then clear and abort back.**

Description: From the Idle screen, open Security, PIN2, enter correct old PIN2, then clear all four digits and RHS key to abort back.

Preamble: MFW052



```

      APL              ACI              PS
      |                |                |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)
      |                |                |

```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
------------------	------------------	--------------

**History:**

25-03-2002	ef	initial
16-01-2003	ef	increase time delay at start
16-08-2003	ef	Add RSK to bring back to idle screen

**4.6.4 MFW256: Main Menu, Security, PIN2, PIN2 changed, wrong new pin and wrong key left.**

Description: From the idle screen, open Security, and Change PIN2, enter correct old PIN2 but incorrect new PIN2 confirm, repeat with correct new PIN2 confirm.

Preamble: MFW052



```

      APL          ACI          PS
      |            |            |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
(1) |                | SIM_VERIFY_PIN_REQ |
    |                | *----->*
(2) |                | SIM_VERIFY_PIN_CNF |
    |                | *-----<*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter new PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* ignored */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)              /* error in confirmation */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter new PIN2 */
TIMEOUT_WAIT (2000)

```

```

COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* OK */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* OK */
(3) | | SIM_CHANGE_PIN_REQ |
| | *=====> *
(4) | | SIM_CHANGE_PIN_CNF |
| | *<===== *
TIMEOUT_WAIT (5000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PIN_2
(4) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

**History:**

25-03-2002 ef initial

#### 4.6.5 MFW258: Main Menu, Security, PIN2, PIN2 changed, correct new pin and abort.

Description: From the Idle screen, open Security, and Change PIN2, enter correct old PIN2 but abort the confirm new PIN2 back to PIN2 Menu.

Preamble: MFW052

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                    /* enter old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* OK */
(1) |                               | SIM_VERIFY_PIN_REQ |
    |                               | *=====>*
(2) |                               | SIM_VERIFY_PIN_CNF |
    |                               | *<=====*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                    /* enter new PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* OK */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* confirm PIN2 */
TIMEOUT_WAIT (6000)
      |                        |                        |

```

Parametrization:

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

History:

25-03-2002 ef initial

#### 4.6.6 MFW260: Main Menu, Security, PIN2, error in old PIN2, retry, new PIN2, confirm PIN2.

Description: From the idle screen, open Security, and Change PIN2, enter incorrect old PIN2, then correct old PIN2, followed by new PIN2 and confirm PIN2.

Preamble: MFW052



```

      APL          ACI          PS
      |            |            |
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* error in enter old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* OK */
(1) |              | SIM_VERIFY_PIN_REQ |
    |              *=====>*
(2) |              | SIM_VERIFY_PIN_CNF |
    |              *<=====*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* OK */
(3) |              | SIM_VERIFY_PIN_REQ |
    |              *=====>*
(4) |              | SIM_VERIFY_PIN_CNF |
    |              *<=====*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter new PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* OK */
TIMEOUT_WAIT (2000)

```

```

COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT) /* OK */
(5) | | SIM_CHANGE_PIN_REQ |
| | *=====> *
(6) | | SIM_CHANGE_PIN_CNF |
| | *<===== *
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R$OFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R$OFT) /* back to idle screen */
TIMEOUT_WAIT (2000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_2
	puk2_cnt	NUM_10
(3) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(4) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(5) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PIN_2
(6) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10

pin2\_cnt  
puk2\_cntNUM\_3  
NUM\_10

## History:

25-03-2002	ef	initial
17-01-2003	ef	change cause of SIM_VERIFY_CNF to SIM_PIN2_EXPECT from SIM_PIN2_REMAIN2. Is this correct?

**4.6.7 MFW262: Main Menu, Security, PIN2, twice error in old PIN2, new PIN2, confirm PIN2.**

Description: From the Idle screen, open Security, and Change PIN2, enter twice incorrect old PIN2, then correct old PIN2, followed by new PIN2 and confirm PIN2.

Preamble: MFW052

```

      APL          ACI          PS
      |            |            |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* error in old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
(1) |                | SIM_VERIFY_PIN_REQ      |
    |                | *=====>*
(2) |                | SIM_VERIFY_PIN_CNF      |
    |                | *<=====*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* error in old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
(3) |                | SIM_VERIFY_PIN_REQ      |
    |                | *=====>*
(4) |                | SIM_VERIFY_PIN_CNF      |
    |                | *<=====*
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */

```



```

(5) | | | SIM_VERIFY_PIN_REQ |
| | | *=====> *
(6) | | | SIM_VERIFY_PIN_CNF |
| | | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* new PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT) /* OK */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT) /* OK */
(7) | | | SIM_CHANGE_PIN_REQ |
| | | *=====> *
(8) | | | SIM_CHANGE_PIN_CNF |
| | | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT) /* back to idle screen */
TIMEOUT_WAIT (2000)
| | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_2
	puk2_cnt	NUM_10
(3) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(4) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3



	puk_cnt	NUM_10
	pin2_cnt	NUM_1
	puk2_cnt	NUM_10
(5) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(6) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(7) SIM_CHANGE_PIN_REQ	source	SRC_MMI
	old_pin	PIN_1_VALUE_1234
	new_pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PIN_2
(8) SIM_CHANGE_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_2
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

History:

25-03-2002 ef initial

**4.6.8 MFW264: Main Menu, Security, PIN2, repeated errors in old PIN2, PUK2 code entered.**

Description: From the Idle screen, open Security, and Change PIN2, enter incorrect old PIN2 three times, then enter PUK2 code, followed by new PIN2 and confirm PIN2.

A: no error returned in unblock

B: PUK error returned in unblock

Variants: &lt;A&gt;...&lt;B&gt;

Preamble: MFW052

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                    /* 1st error in old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* OK */
(1) |                        | SIM_VERIFY_PIN_REQ |
    |                        | *=====>*
(2) |                        | SIM_VERIFY_PIN_CNF |
    |                        | *<=====*
TIMEOUT_WAIT (10000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                    /* 2nd error in old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* OK */
(3) |                        | SIM_VERIFY_PIN_REQ |
    |                        | *=====>*
(4) |                        | SIM_VERIFY_PIN_CNF |
    |                        | *<=====*
TIMEOUT_WAIT (10000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                    /* 3rd error in old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* OK */
(5) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(6) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```

TIMEOUT\_WAIT (10000)

```

COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* PIN blocked, enter PUK2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* OK */
TIMEOUT_WAIT (10000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* enter new PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* OK */
TIMEOUT_WAIT (10000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* OK */
(7) | | SIM_UNBLOCK_REQ |
| | *=====>*
(8) | | SIM_UNBLOCK_CNF |
| | *<=====*
```

TIMEOUT\_WAIT (5000)

```

| | | |
```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2



(2) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN2_EXPECT PHASE_2_PIN_2 NUM_3 NUM_10 NUM_2 NUM_10
(3) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1234 PHASE_2_PIN_2
(4) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PIN2_EXPECT PHASE_2_PIN_2 NUM_3 NUM_10 NUM_1 NUM_10
(5) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1234 PHASE_2_PIN_2
(6) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_CAUSE_PUK2_EXPECT PHASE_2_PIN_2 NUM_3 NUM_10 NUM_0 NUM_10
(7) SIM_UNBLOCK_REQ	source unblock_key pin pin_id	SRC_MMI PUK_2_VALUE_11223344 PIN_1_VALUE_1233 PHASE_2_PUK_2
(8) SIM_UNBLOCK_CNF	<A> <B>	SIM_NO_ERROR SIM_CAUSE_PUK2_REMAIN9 PHASE_2_PUK_2 NUM_3 NUM_10 NUM_3 NUM_10 NUM_9
	<A> <B>	

## History:

26-03-2002	ef	initial
17-01-2003	ef	change cause of SIM_VERIFY_PIN_CNF to SIM_CAUSE_PIN2_EXPECT and SIM_CAUSE_PUK2_EXPECT

#### 4.6.9 MFW266: Main Menu, Security, PIN2, repeated errors in old PIN2, error in PUK2, re-enter.PUK2.

Description: Correctly enter PUK2, followed by new PIN2 and confirm PIN2.

Preamble: MFW264B

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                /* re-enter the PUK2 code */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)                /* OK */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                /* enter new PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)                /* OK */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)                /* OK */
(1) |                        | SIM_UNBLOCK_REQ |
    |                        | *-----> *
(2) |                        | SIM_UNBLOCK_CNF |
    |                        | *<----- *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R$OFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R$OFT)                /* back to Idle screen */
TIMEOUT_WAIT (2000)
      |                        |                        |

```

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

(1) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_2_VALUE_11223344
	pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PUK_2
(2) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PUK_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

History:

27-03-2002 ef initial

**4.6.10 MFW268: Main Menu, Security, PIN2, repeated errors in old PIN2, PUK2 code entered via GSM string.**

Description: From the Idle screen, open Security, and Change PIN2, enter incorrect old PIN2 three times, then enter PUK2 code via a GSM command string containing the new PIN2..

Preamble: MFW052

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                    /* 1st error in old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* OK */
(1) |                               | SIM_VERIFY_PIN_REQ |
      |                               *=====>*
(2) |                               | SIM_VERIFY_PIN_CNF |
      |                               *<=====*
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                    /* 2nd error in old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* OK */
(3) |                               | SIM_VERIFY_PIN_REQ |
      |                               *=====>*
(4) |                               | SIM_VERIFY_PIN_CNF |
      |                               *<=====*
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                    /* 3rd error in old PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT) /* OK */
(5) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(6) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```

TIMEOUT\_WAIT (6000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=\*)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=\*)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=0)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=5)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=2)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=\*)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=1)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=1)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=2)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=2)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=3)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=3)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=4)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=4)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=\*)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=1)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=2)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=3)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=3)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=\*)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=1)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=2)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=3)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=3)

TIMEOUT\_WAIT (2000)

COMMAND (MMI CONFIG KEY\_SEQUENCE=#)

(7) | | SIM\_UNBLOCK\_REQ |
| | \*=====>\*

TIMEOUT\_WAIT (3000)

```

(8) | | | SIM_UNBLOCK_CNF |
    | | | * <===== * |
    | | | | | | | | |
  
```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_2
	puk2_cnt	NUM_10
(3) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(4) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_1
	puk2_cnt	NUM_10
(5) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(6) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PUK2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_0
	puk2_cnt	NUM_10
(7) SIM_UNBLOCK_REQ	source	SRC_MMI
	unblock_key	PUK_2_VALUE_11223344
	pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PUK_2
(8) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PUK_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

History:

18-06-2002	ef	initial
17-01-2003	ef	change cause in SIM_VERIFY_PIN_CNF to SIM_CAUSE_PIN2_EXPECT and SIM_CAUSE_PUK2_EXPECT

## 4.7 MMI Component Tests - case : Main Menu, Phone Settings, Date and Time.

### 4.7.1 MFW300: Main Menu, Phone Settings, Clock, Time/Date, enter date and time successfully and back to idle screen.

Description: From Settings, Clock, Time/Date, enter the date and time successfully.

Preamble: MFW052

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Main Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Phone Settings */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Clock */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Time-Date */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)

```



```
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT)
TIMEOUT_WAIT (2000)
```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

28-03-2002	ef	initial
23-01-2003	ef	menu has changed

#### 4.7.2 MFW302: Main Menu, Phone Settings, Clock, Time/Date, enter incorrect date and time, then correct.

Description: From Settings, Clock, Time/Date, enter error date then correct, error time then correct

Preamble: MFW052

APL	ACI	PS
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Main Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Phone Settings */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Clock */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* date-time */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		



```

COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (2000)

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

**History:**

28-03-2002	ef	initial
23-01-2003	ef	menu has changed

#### 4.7.3 MFW304: Main Menu, Phone Settings, Clock, Time/Date, enter date and time clearing both times.

Description: From Phone Settings, Clock, Time/Date, enter date and abort, back to enter date, enter date. Enter time and abort, back to enter date and time. Enter correct date and time.

Preamble: MFW052

APL	ACI	PS
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Main Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		/* Phone Settings */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		/* Clock */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		/* date-time */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

**History:**

28-03-2002	ef	initial
23-01-2003	ef	menu has changed

#### 4.7.4 MFW306: Main Menu, Phone Settings, Clock, Time/Date, enter date, long press clear; without time entering.

Description: From Phone Settings, Clock, Time/Date, enter date and abort, back to enter date, enter date. Long press Clear without the Time entered.

Preamble: MFW052

APL	ACI	PS
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Main Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		/* Phone Settings */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		/* Clock */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		/* date-time */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_PRESS=CLEAR)		
TIMEOUT_WAIT (2200)		
COMMAND (MMI CONFIG KEY_RELEASE=CLEAR)		
TIMEOUT_WAIT (2200)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (3000)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (2000)
|
|
|

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

**History:**

02-04-2002	ef	initial
23-01-2003	ef	menu has changed

### 4.8 MMI Component Tests - case : Power Down Sequence

#### 4.8.1 MFW350: Power Down Sequence from the IdleScreen (No PIN required), power down key.

Description: At the Idle screen, press the Power down key. Note that the gmmreg cnfis not required.

Preamble: MFW010

APL	ACI	PS
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_PRESS=POWER)		
(1)	SIM_SYNC_REQ	
	*=====>*	
(2)	GMMREG_DETACH_REQ	
	*=====>*	
(3)	SIM_SYNC_CNF	
	*<=====*	
TIMEOUT_WAIT (2000)		



**Parametrization:**

Primitive	Parameter	Value
(1) SIM_SYNC_REQ	synccs	SYNC_DEACTIVATE
(2) GMMREG_DETACH_REQ	detach_type	GMMREG_DT_POWER_OFF
(3) SIM_SYNC_CNF	cause	SIM_NO_ERROR

**History:**

02-04-2002	ef	initial
06-08-2002	ef	updated to KEY F2
19-08-2002	ef	remove the F2 Key and use POWER.
15-01-2003	ef	add cause to SIM_SYNC_CNF

**4.8.2 MFW352: Power up Sequence from idle when entering PIN, Power down key.**

Description: At the Idle screen, enter part of the PIN, followed by the Power off key.

Preamble: MFW050

```

APL          ACI          PS
|           |           |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_PRESS=POWER)
(1) |           |           |
    |           |           |
    |           |           |
(2) |           |           |
    |           |           |
    |           |           |
(3) |           |           |
    |           |           |
    |           |           |
TIMEOUT_WAIT (10000)
|           |           |
    
```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_SYNC_REQ	synccs	SYNC_DEACTIVATE
(2) SIM_SYNC_CNF	cause	SIM_NO_ERROR
(3) GMMREG_DETACH_REQ	detach_type	GMMREG_DT_POWER_OFF

## History:

03-04-2002	ef	initial
06-08-2002	ef	updated to KEY F2
19-08-2002	ef	remove the F2 Key and use POWER
15-01-2003	ef	add cause to SIM_SYNC_CNF.

**4.8.3 MFW354: Power up Sequence from idle when entering an emergency number, Power down key.**

Description: At the Idle screen, enter emergency number, followed by the Power off key.

Preamble: MFW050

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2200)
COMMAND (MMI CONFIG KEY_PRESS=POWER)
(1) |                          | SIM_SYNC_REQ          |
      |                        | *=====> *
(2) |                          | SIM_SYNC_CNF        |
      |                        | *<===== *
(3) |                          | GMMREG_DETACH_REQ   |
      |                        | *=====> *
TIMEOUT_WAIT (10000)
      |                        |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_SYNC_REQ	synccs	SYNC_DEACTIVATE
(2) SIM_SYNC_CNF	cause	SIM_NO_ERROR
(3) GMMREG_DETACH_REQ	detach_type	GMMREG_DT_POWER_OFF

## History:

03-04-2002	ef	initial
06-08-2002	ef	updated to KEY F2
19-08-2002	ef	remove the F2 Key and use POWER.
15-01-2003	ef	add cause to SIM_SYNC_CNF

#### 4.8.4 MFW356: Power Down Sequence from the IdleScreen, Power up, Power down, Power up. Test Fails.

Description: At the Idle screen, press the Power down key. Then successive Power UP, Power Down, Power Up, Power Down.

Preamble: MFW010

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_PRESS=POWER)
(1) |                          |      SIM_SYNC_REQ      |
      |                        | *=====>*
(2) |                          |      SIM_SYNC_CNF      |
      |                        | *<=====*
(3) |                          |      GMMREG_DETACH_REQ |
      |                        | *=====>*
TIMEOUT_WAIT (6000)
(4) |                          |      MMI_KEYPAD_IND    |
      |                        | *<=====*
COMMAND (MMI CONFIG KEY_PRESS=POWER)
(5) |                          |      SIM_ACTIVATE_REQ  |
      |                        | *=====>*
(6) |                          |      SIM_ACTIVATE_CNF  |
      |                        | *<=====*
(7) |                          |      SIM_MMI_INSERT_IND |
      |                        | *<=====*
(8) |                          |      SIM_READ_REQ      |
      |                        | *=====>*
(9) |                          |      SIM_READ_CNF      |
      |                        | *<=====*
(10) |                          |      SIM_READ_REQ      |
      |                        | *=====>*
(11) |                          |      SIM_READ_CNF      |
      |                        | *<=====*
(12) |                          |      GMMREG_PLMN_MODE_REQ |
      |                        | *=====>*
(13) |                          |      GMMREG_ATTACH_REQ  |
      |                        | *=====>*
(14) |                          |      GMMREG_ATTACH_CNF  |
      |                        | *<=====*
(15) |                          |      GMMREG_PLMN_MODE_REQ |
      |                        | *=====>*
      |                          |

```

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_SYNC_REQ	synccs	SYNC_DEACTIVATE
(2) SIM_SYNC_CNF	cause	SIM_NO_ERROR
(3) GMMREG_DETACH_REQ	detach_type	GMMREG_DT_POWER_OFF
(4) MMI_KEYPAD_IND	key_code	23
	key_stat	KEY_STAT_PRS

(5) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN NOT_USED
(6) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 NO_EC_CODES NO_PREF_LANG
(7) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_ENABLED F_SIM_SRV_4 IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(8) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(9) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(10) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(11) SIM_READ_CNF	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_DISABLED
(12) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(13) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(14) GMMREG_ATTACH_CNF	attach_type plmn	GMMREG_AT_COMB PLMN_1

	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(15)	GMMREG_PLMN_MODE_REQ	
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO

History:

03-04-2002	ef	initial
06-08-2002	ef	updated to KEY F2
19-08-2002	ef	remove the F2 Key and use POWER.

**4.8.5 MFW358: Power Down Sequence from the WelcomeScreen, power down key.**

Description: At the PIN screen, press the Power down key.

Preamble: MFW001

APL	ACI	PS
(1)		
	SIM_ACTIVATE_CNF	
(2)	* <=====*	
	SIM_MMI_INSERT_IND	
	* <=====*	
COMMAND (MMI CONFIG KEY_PRESS=POWER)		
TIMEOUT_WAIT (2000)		
(3)		
	SIM_SYNC_REQ	
	* =====>*	
(4)		
	SIM_SYNC_CNF	
	* <=====*	
(5)		
	GMMREG_DETACH_REQ	
	* =====>*	
TIMEOUT_WAIT (2000)		

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG
(2) SIM_MMI_INSERT_IND	func	SIM_ADN_BDN_ENABLED
	sim_serv	F_SIM_SRV_4
	imsi_field	IMSI
	pref_plmn	PREF_PLMN



	phase	PHASE_2_SIM
	access_acm	ACCESS_ALWAYS
	access_acmmax	ACCESS_ALWAYS
	access_puct	ACCESS_ALWAYS
(3) SIM_SYNC_REQ		
	synccs	SYNC_DEACTIVATE
(4) SIM_SYNC_CNF		
	cause	SIM_NO_ERROR
(5) GMMREG_DETACH_REQ		
	detach_type	GMMREG_DT_POWER_OFF

History:

04-04-2002	ef	initial
06-08-2002	ef	updated to KEY F2
19-08-2002	ef	remove the F2 Key and use POWER
15-01-2003	ef	add cause to SIM_SYNC_CNF.

4.8.6 MFW360: Power Down sequence. Remove SIM, Power Down.

Description: At the Idle screen, no PIN required. Remove SIM card, not possible to make an emergency call. Power down.

Preamble: MFW014

APL/ACI	MMI	PS
(1)	SIM_REMOVE_IND	
	* <=====*	
(2)	MMI_CBCH_REQ	
	* =====>*	
(3)   ACI_CMD_IND		
(msg: OK)		
* <=====*		
COMMAND (MMI CONFIG KEY_PRESS=POWER)		
(4)	SIM_SYNC_REQ	
	* =====>*	
(5)	SIM_SYNC_CNF	
	* <=====*	
(6)	GMMREG_DETACH_REQ	
	* =====>*	
TIMEOUT_WAIT (2000)		

Parametrization:

Primitive	Parameter	Value
(1) SIM_REMOVE_IND	cause	SIM_NO_ERROR
(2) MMI_CBCH_REQ	msg_id	CBCH_MSG_ID_ARR
	dcs_id	CBCH_DCS_ID_ARR
	modus	MMI_CBCH_STOP



(3) ACI_CMD_IND	cmd_len cmd_seq	LM_PERCENT_SIMREM_ERR_0 M_PERCENT_SIMREM_ERR_0
(4) SIM_SYNC_REQ	synccs	SYNC_DEACTIVATE
(5) SIM_SYNC_CNF	cause	SIM_NO_ERROR
(6) GMMREG_DETACH_REQ	detach_type	GMMREG_DT_POWER_OFF

## History:

04-04-2002	ef	initial
06-08-2002	ef	updated to KEY F2
19-08-2002	ef	remove the F2 Key and use POWER
15-01-2003	ef	add cause to SIM_SYNC_CNF
07-07-2003	ef	add cause to SIM_REMOVE_IND

## 4.9 MMI Component Tests - case : Main Menu, Security, Fixed Names

### 4.9.1 MFW380: Main Menu, Security, Fixed Names, Activate with time out while entering, successful

Description: From the Idle screen, open Security, Fixed Names, Yes, Timeout and re-enter PIN2.

Preamble: MFW052



```

      APL          ACI          PS
      |            |            |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Main Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Fixed Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Yes */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (40000)                             /* timeout */
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* OK */
(1) |                | SIM_VERIFY_PIN_REQ |
    |                | *=====>* |
(2) |                | SIM_VERIFY_PIN_CNF |
    |                | *<===== * |
(3) |                | SIM_ACTIVATE_REQ  |
    |                | *=====>* |
(4) |                | SIM_ACTIVATE_CNF  |
    |                | *<===== * |
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to Idle screen */
TIMEOUT_WAIT (2000)
      |            |            |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3

	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_ACTIVATE_REQ		
	proc	SIM_FDN_ENABLE
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	NOT_USED
(4) SIM_ACTIVATE_CNF		
	cause	SIM_NO_ERROR
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG

## History:

04-04-2002 ef initial

#### 4.9.2 MFW382: Main Menu, Security, Activate Fixed Names, during entry LHS and CLEAR

Description: From the Idle screen, open Security, Fixed Names, Yes, enter PIN2 and LHS twice followed by CLEAR.

Preamble: MFW052



```

      APL              ACI              PS
      |              |              |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Fixed Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Yes */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Delete */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Delete */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
(1) |              |          SIM_VERIFY_PIN_REQ |
    |              |          *=====>*
(2) |              |          SIM_VERIFY_PIN_CNF |
    |              |          *<===== *
(3) |              |          SIM_ACTIVATE_REQ  |
    |              |          *=====>*
(4) |              |          SIM_ACTIVATE_CNF  |
    |              |          *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)
      |              |              |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

(1) SIM_VERIFY_PIN_REQ	source pin pin_id	SRC_MMI PIN_1_VALUE_1234 PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause pin_id pin_cnt puk_cnt pin2_cnt puk2_cnt	SIM_NO_ERROR PHASE_2_PIN_2 NUM_3 NUM_10 NUM_3 NUM_10
(3) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_FDN_ENABLE MMI_AND_FDN_BDN NOT_USED
(4) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 EC_CODES NO_PREF_LANG

History:

04-04-2002 ef initial

#### 4.9.3 MFW384: Main Menu, Security, Activate Fixed Names, 2 wrong PIN2 entries, followed by correct PIN2.

Description: From the Idle screen, Menu, open Security, Fixed Names, Yes, enter PIN2 incorrectly two times followed by the correct PIN2.

Preamble: MFW052



```

      APL              ACI              PS
      |              |              |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Fixed Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Yes */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* 1st error in PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |              | SIM_VERIFY_PIN_REQ |
    |              *=====>*
(2) |              | SIM_VERIFY_PIN_CNF |
    |              *<=====*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* 2nd error in PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(3) |              | SIM_VERIFY_PIN_REQ |
    |              *=====>*
(4) |              | SIM_VERIFY_PIN_CNF |
    |              *<=====*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)

```

```

(5) | | | SIM_VERIFY_PIN_REQ |
| | | *=====> *
(6) | | | SIM_VERIFY_PIN_CNF |
| | | *<===== *
(7) | | | SIM_ACTIVATE_REQ |
| | | *=====> *
(8) | | | SIM_ACTIVATE_CNF |
| | | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* back to idle */
TIMEOUT_WAIT (2000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_2
	puk2_cnt	NUM_10
(3) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PHASE_2_PIN_2
(4) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN2_REMAIN1
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_1
	puk2_cnt	NUM_10
(5) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(6) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(7) SIM_ACTIVATE_REQ	proc	SIM_FDN_ENABLE
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	NOT_USED

## (8) SIM\_ACTIVATE\_CNF

cause	SIM_NO_ERROR
pin_cnt	NUM_3
puk_cnt	NUM_10
pin2_cnt	NUM_3
puk2_cnt	NUM_10
ec_code	EC_CODES
pref_lang	NO_PREF_LANG

## History:

05-04-2002	ef	initial
27-01-2003	ef	change cause on PIN_VERIFY_CNF

**4.9.4 MFW386: Main Menu, Security, Activate Fixed Names, 3 wrong PIN2 entries, followed by PUK2.**

Description: From the Idle screen, Menu, open Security, Fixed Names, Yes, enter PIN2 incorrectly three times followed by the required PUK2 code.

A: No error in PUK2 code  
 B: Error in PUK2 code requiring re-input

Variants: <A>...<B>

Preamble: MFW052

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                 /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                 /* Fixed names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                 /* Yes */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                     /* 1st error in PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) | | | SIM_VERIFY_PIN_REQ |
    | | | *=====> *
(2) | | | SIM_VERIFY_PIN_CNF |

```

```

|
|                                     *<=====
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)          /* 2nd error in PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(3) |                                     | SIM_VERIFY_PIN_REQ |
|                                     |=====>*
(4) |                                     | SIM_VERIFY_PIN_CNF |
|                                     |<=====
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* clear confirmation msg */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)          /* 3rd error in PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(5) |                                     | SIM_VERIFY_PIN_REQ |
|                                     |=====>*
(6) |                                     | SIM_VERIFY_PIN_CNF |
|                                     |<=====
TIMEOUT_WAIT (6000)                          /* wait for confirmation msg to clear */
COMMAND (MMI CONFIG KEY_SEQUENCE=1)          /* enter PUK2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)          /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)

```



```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(7) | | SIM_UNBLOCK_REQ |
| | *=====> *
(8) | | SIM_UNBLOCK_CNF |
| | *<===== *
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_2
	puk2_cnt	NUM_10
(3) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PHASE_2_PIN_2
(4) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_1
	puk2_cnt	NUM_10
(5) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PHASE_2_PIN_2
(6) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PUK2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_0
	puk2_cnt	NUM_10
(7) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_2_VALUE_11223344

	pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PUK_2
(8) SIM_UNBLOCK_CNF		
<A>	cause	SIM_NO_ERROR
<B>	cause	SIM_CAUSE_PUK2_REMAIN9
	pin_id	PHASE_2_PUK_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
<A>	puk2_cnt	NUM_10
<B>	puk2_cnt	NUM_9

History: 12-04-2002 ef initial

**4.9.5 MFW388: After correct PUK2 code has been entered, then activate SIM..**

Description: Continuation of test 386A after correct PUK2 code has been entered.

Preamble: MFW386A

APL	ACI	PS
(1)	SIM_ACTIVATE_REQ	
	*=====>	*
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
TIMEOUT_WAIT (6000)		

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) SIM_ACTIVATE_REQ	proc	SIM_FDN_ENABLE
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	NOT_USED
(2) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG

History: 12-04-2002 ef initial

#### 4.9.6 MFW390: After incorrect PUK2 code has been entered, re-enter PUK2 correctly then activate SIM.

Description: Continuation of test 386B after incorrect PUK2 code has been entered, enter the correct PUK2.

Preamble: MFW386B

```

      APL              ACI              PS
      |                |                |
TIMEOUT_WAIT (10000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)          /* re-enter PUK2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)          /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)          /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(1) |                | SIM_UNBLOCK_REQ |
    |                | *=====> *
(2) |                | SIM_UNBLOCK_CNF |
    |                | *<===== *
(3) |                | SIM_ACTIVATE_REQ |
    |                | *=====> *
(4) |                | SIM_ACTIVATE_CNF |
    |                | *<===== *
TIMEOUT_WAIT (6000)
      |                |                |

```

Parametrization:

Primitive	Parameter	Value
(1) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_2_VALUE_11223344
	pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PUK_2
(2) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PUK_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_ACTIVATE_REQ	proc	SIM_FDN_ENABLE
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	NOT_USED
(4) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG

## History:

12-04-2002	ef	initial
------------	----	---------

**4.9.7 MFW392: After incorrect PUK2 code has been entered, re-enter PUK2 correctly but wrong PIN 1, re-enter.**

Description: Continuation of test 386B after incorrect PUK2 code has been entered, re-enter correct PUK2 but different new PIN2, repeat with correct PUK2 and twice same PIN2.

Preamble: MFW386B

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (10000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                      /* enter PUK2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                      /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)                      /* error in confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                      /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                      /* confirm PIN2 */
TIMEOUT_WAIT (2000)
```

```

COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(1) | | | SIM_UNBLOCK_REQ |
| | | *=====> *
(2) | | | SIM_UNBLOCK_CNF |
| | | *<===== *
(3) | | | SIM_ACTIVATE_REQ |
| | | *=====> *
(4) | | | SIM_ACTIVATE_CNF |
| | | *<===== *
TIMEOUT_WAIT (6000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_2_VALUE_11223344
	pin	PIN_1_VALUE_1239
	pin_id	PHASE_2_PUK_2
(2) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PUK_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_ACTIVATE_REQ	proc	SIM_FDN_ENABLE
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	NOT_USED
(4) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG

**History:**

12-04-2002 ef initial



#### 4.9.9 MFW396: Main Menu, Security, Fixed Names, Deactivate.

Description: Go to the correct Menu window and open Security, Fixed Names, No, enter PIN2 successfully.

Preamble: MFW052

```

      APL              ACI              PS
      |                |                |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Fixed Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* No */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |                | SIM_VERIFY_PIN_REQ |
    |                | *=====> *
(2) |                | SIM_VERIFY_PIN_CNF |
    |                | *<===== *
(3) |                | SIM_ACTIVATE_REQ   |
    |                | *=====> *
(4) |                | SIM_ACTIVATE_CNF   |
    |                | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)
      |                |                |

```

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI

	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_ACTIVATE_REQ	proc	SIM_FDN_DISABLE
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	NOT_USED
(4) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG

History:

15-04-2002 ef initial

#### 4.9.10 MFW398: Main Menu, Security, Fixed Names, Deactivate, Abort and Deactivate.

Description: From the Idle screen, Menu, open Security, Fixed Names, No, enter PIN2 and Abort, back to previous menu, No, Deactivate, enter correct PIN2.

Preamble: MFW052



```

      APL              ACI              PS
      |              |              |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Fixed Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* No */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=END)            /* back to previous menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
(1) |              |          SIM_VERIFY_PIN_REQ          |
    |              | *=====>*
(2) |              |          SIM_VERIFY_PIN_CNF          |
    |              | *<=====*
(3) |              |          SIM_ACTIVATE_REQ          |
    |              | *=====>*
(4) |              |          SIM_ACTIVATE_CNF          |
    |              | *<=====*
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)
      |              |              |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_ACTIVATE_REQ	proc	SIM_FDN_DISABLE
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	NOT_USED
(4) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG

## History:

15-04-2002	ef	initial
18-08-2003	ef	correct use of go back to previous menu ie END key

**4.9.11 MFW400: Main Menu, Security, Deactivate Fixed Names, 3 wrong PIN2 entries, followed by PUK2.**

Description: From the Idle screen, open Security, Fixed Names, No, enter PIN2 incorrectly three times followed by the required PUK2 code, Deactivate FDN successfully.

- A: No error in PUK2 code
- B: Error in PUK2 code requiring re-input

Variants: <A>...<B>

Preamble: MFW052



```

      APL              ACI              PS
      |              |              |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Fixed Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* No */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
(1) |              | SIM_VERIFY_PIN_REQ |
    |              *=====>*
(2) |              | SIM_VERIFY_PIN_CNF |
    |              *<=====*
TIMEOUT_WAIT (3200)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
(3) |              | SIM_VERIFY_PIN_REQ |
    |              *=====>*
(4) |              | SIM_VERIFY_PIN_CNF |
    |              *<=====*
TIMEOUT_WAIT (3200)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (2000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* OK */
(5) | | SIM_VERIFY_PIN_REQ |
| | *=====>*
(6) | | SIM_VERIFY_PIN_CNF |
| | *<=====*
```

TIMEOUT\_WAIT (6000)

```

COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* enter PUK2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* enter new PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* confirm PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(7) | | SIM_UNBLOCK_REQ |
| | *=====>*
(8) | | SIM_UNBLOCK_CNF |
| | *<=====*
```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_CAUSE_PIN2_EXPECT

	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_2
	puk2_cnt	NUM_10
(3) SIM_VERIFY_PIN_REQ		
	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PHASE_2_PIN_2
(4) SIM_VERIFY_PIN_CNF		
	cause	SIM_CAUSE_PIN2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_1
	puk2_cnt	NUM_10
(5) SIM_VERIFY_PIN_REQ		
	source	SRC_MMI
	pin	PIN_1_VALUE_1239
	pin_id	PHASE_2_PIN_2
(6) SIM_VERIFY_PIN_CNF		
	cause	SIM_CAUSE_PUK2_EXPECT
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_0
	puk2_cnt	NUM_10
(7) SIM_UNBLOCK_REQ		
	source	SRC_MMI
	unblock_key	PUK_2_VALUE_11223344
	pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PUK_2
(8) SIM_UNBLOCK_CNF		
<A>	cause	SIM_NO_ERROR
<B>	cause	SIM_CAUSE_PUK2_REMAIN9
	pin_id	PHASE_2_PUK_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
<A>	puk2_cnt	NUM_10
<B>	puk2_cnt	NUM_9

## History:

12-04-2002	ef	initial
27-01-2003	ef	change cause of SIM_VERIFY_PIN_CNF, is this correct?

#### 4.9.12 MFW402: After correct PUK2 code has been entered, then Deactivate FDN.

Description: Continuation of test 386A after correct PUK2 code has been entered.

Preamble: MFW400A

```

      APL                      ACI                      PS
      |                        |                        |
(1)  |                        | SIM_ACTIVATE_REQ      |
      |                        | *=====> *
(2)  |                        | SIM_ACTIVATE_CNF      |
      |                        | *<===== *
TIMEOUT_WAIT (6000)
      |                        |                        |

```

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_FDN_DISABLE MMI_AND_FDN_BDN NOT_USED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 EC_CODES NO_PREF_LANG

History:

12-04-2002 ef initial

#### 4.9.13 MFW404: After incorrect PUK2 code has been entered, re-enter PUK2 correctly. Deactivate FDN.

Description: Continuation of test 400B after incorrect PUK2 code has been entered, enter the correct PUK2.

Preamble: MFW400B

APL	ACI	PS
TIMEOUT_WAIT (10000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* Enter PUK2 code */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* Enter PIN2 code */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		/* Confirm PIN2 code */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
(1)	SIM_UNBLOCK_REQ	
	*=====	
(2)	SIM_UNBLOCK_CNF	
	*<=====	
(3)	SIM_ACTIVATE_REQ	
	*=====	
(4)	SIM_ACTIVATE_CNF	
	*<=====	
TIMEOUT_WAIT (6000)		

Parametrization:

Primitive	Parameter	Value
(1) SIM_UNBLOCK_REQ	source	SRC_MMI
	unlock_key	PUK_2_VALUE_11223344
	pin	PIN_1_VALUE_1233
	pin_id	PHASE_2_PUK_2
(2) SIM_UNBLOCK_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PUK_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_ACTIVATE_REQ	proc	SIM_FDN_DISABLE
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	NOT_USED
(4) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG

History:

12-04-2002 ef initial

**4.9.14 MFW406: Main Menu, Security, Fixed Names, Activate then Deactivate.**

Description: From the Idle screen, open Security, Fixed Names, Yes, enter PIN2 to Activate FDN, then No to Deactivate FDN.

Preamble: MFW052



```

      APL          ACI          PS
      |            |            |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Security */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Fixed Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Yes */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (40000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
(1) |                | SIM_VERIFY_PIN_REQ      |
    |                | *=====>*
(2) |                | SIM_VERIFY_PIN_CNF      |
    |                | *<=====*
(3) |                | SIM_ACTIVATE_REQ       |
    |                | *=====>*
(4) |                | SIM_ACTIVATE_CNF       |
    |                | *<=====*
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* return to previous menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Fixed Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* No */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)              /* enter PIN2 */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */

```

```

(5) | | | SIM_VERIFY_PIN_REQ |
| | | *=====> *
(6) | | | SIM_VERIFY_PIN_CNF |
| | | *<===== *
(7) | | | SIM_ACTIVATE_REQ |
| | | *=====> *
(8) | | | SIM_ACTIVATE_CNF |
| | | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* back to idle screen */
TIMEOUT_WAIT (2000)
| | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(2) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
(3) SIM_ACTIVATE_REQ	proc	SIM_FDN_ENABLE
	mmi_pro_file	MMI_AND_FDN_BDN
	stk_pro_file	NOT_USED
(4) SIM_ACTIVATE_CNF	cause	SIM_NO_ERROR
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10
	ec_code	EC_CODES
	pref_lang	NO_PREF_LANG
(5) SIM_VERIFY_PIN_REQ	source	SRC_MMI
	pin	PIN_1_VALUE_1234
	pin_id	PHASE_2_PIN_2
(6) SIM_VERIFY_PIN_CNF	cause	SIM_NO_ERROR
	pin_id	PHASE_2_PIN_2
	pin_cnt	NUM_3
	puk_cnt	NUM_10
	pin2_cnt	NUM_3
	puk2_cnt	NUM_10

(7) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_FDN_DISABLE MMI_AND_FDN_BDN NOT_USED
(8) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 EC_CODES NO_PREF_LANG

## History:

15-04-2002	ef	initial
18-08-2003	ef	add extra RSK to go back to idle

## 4.10 MMI Component Tests - case: Main Menu, Names, Phonebook.

### 4.10.1 MFW430: Power On Sequence with Phonebook(ADN enabled).

Description: Power on the mobile, with no PIN required. The ADN in the Phonebook is enabled.

Preamble: MFW001

APL	ACI	PS
COMMAND (MMI CONFIG AUTO_ATTACH)		
(1)	SIM_ACTIVATE_REQ	
	*=====>*	
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
(3)	SIM_MMI_INSERT_IND	
	*<=====*	
(4)	SIM_READ_REQ	
	*=====>*	
(5)	SIM_READ_CNF	
	*<=====*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	SIM_READ_CNF	
	*<=====*	
(8)	SIM_READ_REQ	
	*=====>*	
(9)	SIM_READ_CNF	
	*<=====*	
(10)	MNSMS_REPORT_IND	
	*<=====*	
(11)	MNSMS_MESSAGE_IND	
	*<=====*	
(12)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(13)	GMMREG_ATTACH_REQ	
	*=====>*	
TIMEOUT_WAIT (10000)		
(14)	GMMREG_ATTACH_CNF	
	*<=====*	
(15)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(16)	MNSMS_REPORT_IND	
	*<=====*	
(17)	MMI_CBCH_REQ	
	*=====>*	
(18)	SIM_READ_RECORD_REQ	
	*=====>*	
(19)	SIM_READ_RECORD_CNF	
	*<=====*	
(20)	SIM_READ_RECORD_REQ	
	*=====>*	
(21)	SIM_READ_RECORD_CNF	
	*<=====*	
(22)	SIM_READ_RECORD_REQ	
	*=====>*	
(23)	SIM_READ_RECORD_CNF	
	*<=====*	
(24)	SIM_READ_RECORD_REQ	
	*=====>*	
(25)	SIM_READ_RECORD_CNF	
	*<=====*	
(26)	SIM_READ_RECORD_REQ	
	*=====>*	
(27)	SIM_READ_RECORD_CNF	
	*<=====*	
(28)	SIM_READ_RECORD_REQ	

```

|
| *=====>*
(29) | | SIM_READ_RECORD_CNF |
| | *<=====*
(30) | | SIM_READ_RECORD_REQ |
| | *=====>*
(31) | | SIM_READ_RECORD_CNF |
| | *<=====*
(32) | | SIM_READ_RECORD_REQ |
| | *=====>*
(33) | | SIM_READ_RECORD_CNF |
| | *<=====*
(34) | | MNSMS_READ_REQ |
| | *=====>*
(35) | | MNSMS_READ_CNF |
| | *<=====*
TIMEOUT_WAIT (6000)
|
|

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 NO_EC_CODES NO_PREF_LANG
(3) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_ENABLED F_SIM_SRV_PHB IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(4) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(5) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(6) SIM_READ_REQ	source offset	SRC_MMI NUM_0

	datafield length max_length	SIM_AD NOT_PRESENT_8BIT NUM_0
(7) SIM_READ_CNF		
	datafield cause length trans_data	SIM_AD SIM_NO_ERROR NUM_4 A_AD_FIELD_CI_DISABLED
(8) SIM_READ_REQ		
	source offset datafield length max_length	SRC_MMI NUM_0 SIM_CPHS_CINF NOT_PRESENT_8BIT NUM_3
(9) SIM_READ_CNF		
	datafield cause length trans_data	SIM_CPHS_CINF SIM_NO_ERROR NUM_3 SIM_CPHS_FIELD
(10) MNSMS_REPORT_IND		
	state	SMS_STATE_INITIALISING
(11) MNSMS_MESSAGE_IND		
	mem_type rec_num rec_max status sms_sdu	MEM_SM NUM_0 NUM_0 SMS_RECORD_REC_READ SMS_SDU_1
(12) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(13) GMMREG_ATTACH_REQ		
	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_BG GMMREG_AT_COMB SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(14) GMMREG_ATTACH_CNF		
	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_COMB PLMN_1 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING
(15) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(16) MNSMS_REPORT_IND		
	state	SMS_STATE_READY
(17) MMI_CBCH_REQ		
	msg_id dcs_id modus	CBCH_MSG_ID_ARR CBCH_DCS_ID_ARR MMI_CBCH_STOP



(18) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_ADN PHB_RECORD_1 NOT_USED
(19) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_ADN SIM_NO_ERROR PHB_RECORD_1 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_1
(20) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_ADN PHB_RECORD_2 NOT_USED
(21) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_ADN SIM_NO_ERROR PHB_RECORD_2 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_2
(22) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_ADN PHB_RECORD_3 NOT_USED
(23) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_ADN SIM_NO_ERROR PHB_RECORD_3 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_3
(24) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_ADN PHB_RECORD_4 NOT_USED
(25) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_ADN SIM_NO_ERROR PHB_RECORD_4 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_4
(26) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_ADN PHB_RECORD_5 NOT_USED

(27) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_ADN SIM_NO_ERROR PHB_RECORD_5 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_5
(28) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_ADN PHB_RECORD_6 NOT_USED
(29) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_ADN SIM_NO_ERROR PHB_RECORD_6 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_6
(30) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_ADN PHB_RECORD_7 NOT_USED
(31) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_ADN SIM_NO_ERROR PHB_RECORD_7 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_EMPTY
(32) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_ADN PHB_RECORD_8 NOT_USED
(33) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_ADN SIM_NO_ERROR PHB_RECORD_8 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_EMPTY
(34) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM REC_NUM_0 READ_PREVIEW NUM_FF
(35) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause	MEM_SM REC_NUM_0 SMS_RECORD_NOT_EXIST REC_NUM_1 SIM_NO_ERROR

rec_status	SMS_RECORD_NOT_EXIST
status	SMS_RECORD_STO_UNSENT
sms_sdu	SMS_SDU_MO_ABS

## History:

16-04-2002	ef	initial
30-07-2002	ef	updated
09-10-2002	ef	add time for idle window to be output
22-10-2002	ef	add cphs sim info
29-10-2002	ef	add MNSMS_REPORT_IND for initialisation.
16-01-2003	ef	add cause to MNSMS_READ_CNF
16-01-2003	ef	add MMI_CBCH_REQ signal to stop reading CBCH

**4.10.2 MFW432: Power On Sequence with Phonebook(FDN enabled).**

Description:..Power on the mobile, with no PIN required. The FDN in the Phonebook is enabled.

Preamble: MFW001



APL	ACI	PS
COMMAND (MMI CONFIG AUTO_ATTACH)		
(1)	SIM_ACTIVATE_REQ	
(2)	SIM_ACTIVATE_CNF	
(3)	SIM_MMI_INSERT_IND	
(4)	SIM_READ_REQ	
(5)	SIM_READ_CNF	
(6)	SIM_READ_REQ	
(7)	SIM_READ_CNF	
(8)	SIM_READ_REQ	
(9)	SIM_READ_CNF	
(10)	GMMREG_PLMN_MODE_REQ	
(11)	GMMREG_ATTACH_REQ	
TIMEOUT_WAIT (5000)		
(12)	GMMREG_ATTACH_CNF	
(13)	GMMREG_PLMN_MODE_REQ	
(14)	MNSMS_REPORT_IND	
(15)	SIM_READ_RECORD_REQ	
(16)	SIM_READ_RECORD_CNF	
(17)	SIM_READ_RECORD_REQ	
(18)	SIM_READ_RECORD_CNF	
(19)	SIM_READ_RECORD_REQ	
(20)	SIM_READ_RECORD_CNF	
(21)	SIM_READ_RECORD_REQ	
(22)	SIM_READ_RECORD_CNF	
(23)	SIM_READ_RECORD_REQ	
(24)	SIM_READ_RECORD_CNF	
(25)	SIM_READ_RECORD_REQ	
(26)	SIM_READ_RECORD_CNF	
(27)	SIM_READ_RECORD_REQ	
(28)	SIM_READ_RECORD_CNF	

```

|                                     *<=====
(29) | | SIM_READ_RECORD_REQ |
| |                                     *=====>*
(30) | | SIM_READ_RECORD_CNF |
| |                                     *<=====
(31) | | MNSMS_READ_REQ |
| |                                     *=====>*
(32) | | MNSMS_READ_CNF |
| |                                     *<=====
TIMEOUT_WAIT (1000)
| |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 NO_EC_CODES NO_PREF_LANG
(3) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_FDN_ENABLED F_SIM_SRV_FDN_PHB IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(4) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(5) SIM_READ_CNF	datafield cause length trans_data	SIM_ECC SIM_NO_ERROR NUM_12 A_ECC_FIELD
(6) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(7) SIM_READ_CNF	datafield	SIM_AD

	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(8) SIM_READ_REQ		
	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CINF
	length	NOT_PRESENT_8BIT
	max_length	NUM_3
(9) SIM_READ_CNF		
	datafield	SIM_CPHS_CINF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD
(10) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(11) GMMREG_ATTACH_REQ		
	mobile_class	GMMREG_CLASS_BG
	attach_type	GMMREG_AT_COMB
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(12) GMMREG_ATTACH_CNF		
	attach_type	GMMREG_AT_COMB
	plmn	PLMN_1
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING
(13) GMMREG_PLMN_MODE_REQ		
	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(14) MNSMS_REPORT_IND		
	state	SMS_STATE_READY
(15) SIM_READ_RECORD_REQ		
	source	SRC_MMI
	datafield	SIM_FDN
	record	PHB_RECORD_1
	length	NOT_USED
(16) SIM_READ_RECORD_CNF		
	datafield	SIM_FDN
	cause	SIM_NO_ERROR
	record	PHB_RECORD_1
	max_record	PHB_MAX_RECORD_8
	length	PHB_LENGTH_ADN
	linear_data	PHB_ADN_RECORD_1
(17) SIM_READ_RECORD_REQ		
	source	SRC_MMI
	datafield	SIM_FDN
	record	PHB_RECORD_2
	length	NOT_USED
(18) SIM_READ_RECORD_CNF		
	datafield	SIM_FDN

	cause record max_record length linear_data	SIM_NO_ERROR PHB_RECORD_2 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_2
(19) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_FDN PHB_RECORD_3 NOT_USED
(20) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_FDN SIM_NO_ERROR PHB_RECORD_3 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_3
(21) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_FDN PHB_RECORD_4 NOT_USED
(22) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_FDN SIM_NO_ERROR PHB_RECORD_4 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_4
(23) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_FDN PHB_RECORD_5 NOT_USED
(24) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_FDN SIM_NO_ERROR PHB_RECORD_5 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_5
(25) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_FDN PHB_RECORD_6 NOT_USED
(26) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_FDN SIM_NO_ERROR PHB_RECORD_6 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_6



(27) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_FDN PHB_RECORD_7 NOT_USED
(28) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_FDN SIM_NO_ERROR PHB_RECORD_7 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_EMPTY
(29) SIM_READ_RECORD_REQ	source datafield record length	SRC_MMI SIM_FDN PHB_RECORD_8 NOT_USED
(30) SIM_READ_RECORD_CNF	datafield cause record max_record length linear_data	SIM_FDN SIM_NO_ERROR PHB_RECORD_8 PHB_MAX_RECORD_8 PHB_LENGTH_ADN PHB_ADN_RECORD_EMPTY
(31) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM REC_NUM_0 READ_PREVIEW NUM_FF
(32) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_ME REC_NUM_0 NOT_USED NOT_USED SIM_NO_ERROR REC_NUM_1 SMS_RECORD_STAT_STRD SMS_SDU_1

## History:

16-04-2002	ef	initial
31-07-2002	ef	updated
09-10-2002	ef	add time for idle window to be output
16-01-2003	ef	add cause to MNSMS_READ_CNF

**4.10.3 MFW440: FDN Enabled make Mobile Originated Call when call is in the FDN.**

Description: FDN is Enabled. Key in phone number of entry in the FDN and press accept. An outgoing call is setup.

Preamble: MFW432



```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=0)          /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                               | MNCC_SETUP_REQ           |
    |                               | *=====>*             |
(2) |                               | SIM_SYNC_REQ           |
    |                               | *=====>*             |
(3) |                               | MNCC_CALL_PROCEED_IND |
    |                               | *<=====*             |
(4) |                               | MNCC_SYNC_IND         |
    |                               | *<=====*             |
(5) |                               | MNCC_ALERT_IND        |
    |                               | *<=====*             |
(6) |                               | MNCC_SETUP_CNF        |
    |                               | *<=====*             |
(7) |                               | SIM_SYNC_CNF          |
    |                               | *<=====*             |
TIMEOUT_WAIT (3000)
    |                               |                         |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL

(3) MNCC_CALL_PROCEED_IND	ti progress_desc ri bcpara bcpara2	TI_MO_0 PROG_END_TO_END_PLMN NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE
(4) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(5) MNCC_ALERT_IND	ti progress_desc	TI_MO_0 PROG_NOT_PRES
(6) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_NOT_PRES CONNECTED_NUMBER_01317180537 CONNECTED_PARTY_SUB_NONE
(7) SIM_SYNC_CNF	cause	SIM_NO_ERROR

## History:

11-06-2002	ef	initial
20-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
18-08-2003	ef	add TCH indication and correct ti parameter on Call_proceeding

**4.10.4 MFW442: FDN Enabled make Mobile Originated Call when call is not in the FDN.**

Description: FDN is Enabled. Key in phone number of entry in the FDN and press accept. NO call is setup.

Preamble: MFW432

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=654321)
TIMEOUT_WAIT (3000)
      |                        |                        |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

## History:

11-06-2002	ef	initial
------------	----	---------

**4.10.5 MFW444: FDN Enabled make Emergency Call when call is not in the FDN.**

Description: FDN is Enabled. Key in phone number of entry in the FDN and press accept. Emergency Call is setup.

Preamble: MFW432

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                /* enter number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                          | MNCC_SETUP_REQ      |
      |                        | *=====> *      |
(2) |                          | SIM_SYNC_REQ     |
      |                        | *=====> *      |
(3) |                          | MNCC_SYNC_IND   |
      |                        | *<===== *      |
(4) |                          | MNCC_SETUP_CNF  |
      |                        | *<===== *      |
(5) |                          | SIM_SYNC_CNF    |
      |                        | *<===== *      |
TIMEOUT_WAIT (3000)
      |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_EMERG_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_112
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) MNCC_SYNC_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_MODE_SPEECH_TCH_F
(4) MNCC_SETUP_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_END_TO_END_PLMN
	connected_number	CONNECTED_NUMBER_112
	connected_number_sub	CONNECTED_PARTY_SUB_NONE
(5) SIM_SYNC_CNF	cause	SIM_NO_ERROR

**History:**

30-09-2003 ef initial

**4.10.6 MFW450: From the Idle Screen, Names, Add new Entry into the Phonebook.**

Description: From the Idle Screen, Names, Add New Entry. Key in the number (9876543210) and name (Sid), and back to Main Menu.

Preamble: MFW430



```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* add new entry */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)                    /* Enter Number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)                    /* enter name */
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(1) |                               | SIM_UPDATE_RECORD_REQ |
    |                               | *=====>*
(2) |                               | SIM_UPDATE_RECORD_CNF |
    |                               | *<===== *
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)                /* back to idle screen */
      |                        |                        |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

## (1) SIM\_UPDATE\_RECORD\_REQ

source	SRC_MMI
datafield	SIM_ADN
record	PHB_RECORD_7
length	PHB_LENGTH_ADN
linear_data	PHB_ADN_RECORD_SID

## (2) SIM\_UPDATE\_RECORD\_CNF

datafield	SIM_ADN
record	PHB_RECORD_7
cause	SIM_NO_ERROR

## History:

20-06-2002	ef	initial
18-08-2003	ef	add one more menu down for add names, add primitive

**4.10.7 MFW452: From Idle, Search for a name in the Phonebook, and Call.**

Description: From the Idle Screen, Names, Search for ERIC, Options, Call Number.

Preamble: MFW430

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Search */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Call Number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
(1) |                          | MNCC_SETUP_REQ |
      |                          | *=====>*
(2) |                          | SIM_SYNC_REQ |
      |                          | *=====>*
(3) |                          | SIM_SYNC_CNF |
      |                          | *<=====*
(4) |                          | MNCC_CALL_PROCEED_IND |
      |                          | *<=====*
TIMEOUT_WAIT (2000)
(5) |                          | MNCC_SYNC_IND |
      |                          | *<===== *
(6) |                          | MNCC_ALERT_IND |
      |                          | *<===== *
(7) |                          | MNCC_SETUP_CNF |
      |                          | *<===== *
      |                          |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) SIM_SYNC_CNF	cause	SIM_NO_ERROR
(4) MNCC_CALL_PROCEED_IND	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
	ri	NOT_PRESENT_8BIT

	bcpara bcpara2	BC_PARA_SPEECH BC_PARA_NO_SERVICE
(5) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(6) MNCC_ALERT_IND	ti progress_desc	TI_MO_0 PROG_NOT_PRES
(7) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_NOT_PRES CONNECTED_NUMBER_01317180537 CONNECTED_PARTY_SUB_NONE

## History:

20-06-2002 ef initial

**4.10.8 MFW454: From Idle, Search for a name in the Phonebook, and Delete.**

Description:..From the Idle Screen, Names, Search, First entry (ANDREAS) and Options, Delete.

Preamble: MFW450

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Search */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* 1st entry */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* press OK to delete */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(1) |                          | SIM_UPDATE_RECORD_REQ |
      |                          *=====>*
(2) |                          | SIM_UPDATE_RECORD_CNF |
      |                          *<===== *
TIMEOUT_WAIT (2000)
      |                          |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------



(1) SIM_UPDATE_RECORD_REQ	source datafield record length linear_data	SRC_MMI SIM_ADN PHB_RECORD_1 PHB_LENGTH_ADN PHB_ADN_RECORD_1_DELETE
(2) SIM_UPDATE_RECORD_CNF	datafield record cause	SIM_ADN PHB_RECORD_1 SIM_NO_ERROR

History: 24-06-2002 ef initial

**4.10.9 MFW456: From Idle, Search for a name in the Phonebook, and Change.**

Description: From the Idle Screen, Names, Search, First entry (ANDREAS) and Options, Change. Leave number and name unchanged.

Preamble: MFW450

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)           /* Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)           /* Search */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)           /* 1st entry */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)             /* Change */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)           /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)           /* new number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)           /* new name */
(1) | | | SIM_UPDATE_RECORD_REQ |
    | | | *=====>*
(2) | | | SIM_UPDATE_RECORD_CNF |
    | | | *<===== *
TIMEOUT_WAIT (2000)
    | | | | |
    
```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_UPDATE_RECORD_REQ	source datafield record length linear_data	SRC_MMI SIM_ADN PHB_RECORD_1 PHB_LENGTH_ADN PHB_ADN_RECORD_1_CHANGE
(2) SIM_UPDATE_RECORD_CNF	datafield	SIM_ADN

record  
causePHB\_RECORD\_1  
SIM\_NO\_ERROR

History:

24-06-2002 ef initial

**4.10.10 MFW458: From Main menu, Update the Call Centre and Validity period, ready for SMS. Make MO Call.**

Description: From the Main Menu, Messages, Settings, Set Validity Period of 1 Hour, Up the Menu, Add the Service Centre Number. Then back to the Main Menu and set up a MO Call.

Preamble: MFW430

APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Messages */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Settings */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Validity */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* 1 hour */
TIMEOUT_WAIT (6000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Validity */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)		/* Service Centre */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		/* Enter number */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		



```

TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /*Back to idle screen*/
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0) /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) | | MNCC_SETUP_REQ |
| | *=====>*
(2) | | SIM_SYNC_REQ |
| | *=====>*
TIMEOUT_WAIT (2000)
(3) | | MNCC_CALL_PROCEED_IND |
| | *<=====*
(4) | | MNCC_ALERT_IND |
| | *<=====*
(5) | | MNCC_SETUP_CNF |
| | *<=====*
(6) | | SIM_SYNC_CNF |
| | *<=====*
TIMEOUT_WAIT (3000)
| | |

```

Parametrization:

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED

(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) MNCC_CALL_PROCEED_IND	ti progress_desc ri bcpara bcpara2	TI_MO_0 PROG_END_TO_END_PLMN NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE
(4) MNCC_ALERT_IND	ti progress_desc	TI_MO_0 PROG_NOT_PRES
(5) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_NOT_PRES CONNECTED_NUMBER_01317180537 CONNECTED_PARTY_SUB_NONE
(6) SIM_SYNC_CNF	cause	SIM_NO_ERROR

## History:

28-08-2002	ef	initial
15-01-2003	ef	add cause to SIM_SYNC_CNF

**4.10.11 MFW460: From Idle, Names, Display Memory Stat.**

Description: From the Idle screen, Names, Memory Stat.

Preamble: MFW430

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)             /* Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)             /* Memory Stat */
TIMEOUT_WAIT (4000)
      |                        |                        |

```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
------------------	------------------	--------------

History: 05-08-2003 ef initial

#### 4.10.12 MFW462: From Idle, Names, Set the Phonebook to SIM then Phone

Description: From the Idle screen, Names, Select Book, Sim, then the Phone.

Preamble: MFW430

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select Book */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* SIM */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Phone */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Back to Idle */
TIMEOUT_WAIT (2000)
      |                        |                        |

```

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History: 05-08-2003 ef initial

#### 4.10.13 MFW464: From Idle, Search for a name in the Phonebook, and Copy entry to SIM.

Description: From the Idle Screen, Names, Search, First entry (ANDREAS) and Options, Copy.

Preamble: MFW430

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Search */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* 1st entry */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Copy */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* This entry */
(1) |                        | SIM_UPDATE_RECORD_REQ |
      |                        *=====>*
(2) |                        | SIM_UPDATE_RECORD_CNF |
      |                        *<===== *
TIMEOUT_WAIT (2000)
      |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_UPDATE_RECORD_REQ	source	SRC_MMI
	datafield	SIM_ADN
	record	PHB_RECORD_1
	length	PHB_LENGTH_ADN
	linear_data	PHB_ADN_RECORD_1_DELETE
(2) SIM_UPDATE_RECORD_CNF	datafield	SIM_ADN
	record	PHB_RECORD_1
	cause	SIM_NO_ERROR

**History:**

05-08-2003 ef initial

**4.10.14 MFW466: From Idle, Search for a name in the Phonebook, Send Message.**

Description: From the Idle Screen, Names, Search, First entry (ANDREAS) and Options, Send Message ("Eric").

Note: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.

Preamble: MFW430



APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Main Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Messages */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Settings */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Validity */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* 1 hour */
TIMEOUT_WAIT (6000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Service Centre */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		



```

TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Back to Idle */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Search */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* 3rd entry */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Send Message */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3) /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7) /* "r" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4) /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2) /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Enter Number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Send */
(1) | | MNSMS_SUBMIT_REQ |
| | *=====>*
TIMEOUT_WAIT (6000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_ERIC_NAMES

**History:**

06-08-2003	ef	initial
19-08-2003	ef	skip over the special chars à and á. Remove later.
09-10-2003	ef	remove the chars à and á

#### 4.10.15 MFW468: From Idle, Names, Service Number

Description: From the Idle screen, Names, Service Number

Note: this test always pass as only internal memory is read.

Preamble: MFW430

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Back to Idle */
TIMEOUT_WAIT (2000)
      |                        |                        |

```

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History:

05-08-2003 ef initial

#### 4.10.16 MFW470: From Idle, Names, Change My Number

Description: From the Idle screen, Names, My Number, Consult, Change, Enter new number and name.

Note: this test always pass as only internal memory is read.

Preamble: MFW430

APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Names */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* My Number */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Consult */
TIMEOUT_WAIT (5000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Options */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Change */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Enter Name */
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

13-08-2003 ef initial

**4.10.17 MFW472: From Idle, Search for a name in the Phonebook, and Move entry to SIM. Test fails.**

Description: From the Idle Screen, Names, Search, First entry (ANDREAS) and Options, Move.

Note: Test fails because the phonebook code has not(yet) been included in the MFW project

Preamble: MFW430

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Names */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Search */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* 1st entry */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Move */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* This entry */
(1) |                          | SIM_UPDATE_RECORD_REQ |
      |                          *=====>*
(2) |                          | SIM_UPDATE_RECORD_CNF |
      |                          *<===== *
TIMEOUT_WAIT (2000)
      |                          |                          |
    
```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

(1) SIM_UPDATE_RECORD_REQ	source datafield record length linear_data	SRC_MMI SIM_ADN PHB_RECORD_1 PHB_LENGTH_ADN PHB_ADN_RECORD_1_DELETE
(2) SIM_UPDATE_RECORD_CNF	datafield	SIM_ADN

record  
cause

PHB\_RECORD\_1  
SIM\_NO\_ERROR

History:

06-10-2003 ef initial

## 4.11 MMI Component Tests case : Main Menu, Network Services, Activate Call Waiting.

### 4.11.1 MFW490: From Main menu, Network services, Set Call Waiting Enabled, ready for Call Processing tests.

Description: From the Main Menu, Network Settings, Call Waiting, Set Enabled and back to Idle Screen.

Note: The extra LEFT key after SS OK is returned by the network. This will taking out at a later date.

Preamble: MFW700

```

COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Network Services */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Call Waiting */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Activate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
(1) |                                     | MNSS_BEGIN_REQ |
    |                                     | *=====>*
TIMEOUT_WAIT (2000)
(2) |                                     | MNSS_END_IND  |
    |                                     | *<===== *
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* clear msg confirmation */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* back to idle screen */
    |                                     |

```

Parametrization:



Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	FAC_SET_WAITING_ENABLED
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_WAITING_RETURN_RESULT

## History:

14-04-2003	ef	initial
12-08-2003	ef	change preamble to init the Message Service centre

## 4.12 MMI Component Tests - case : MO Call Processing

### 4.12.1 MFW500: Mobile Originated Call.

Description:..Set Call Waiting Enabled and then from Idle mode, key in phone number and accept. An outgoing call is setup.

Preamble: MFW490



```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                          | MNCC_SETUP_REQ          |
      |                          | *=====>*            |
(2) |                          | SIM_SYNC_REQ           |
      |                          | *=====>*            |
(3) |                          | SIM_SYNC_CNF          |
      |                          | *<=====*            |
(4) |                          | MNCC_CALL_PROCEED_IND |
      |                          | *<=====*            |
TIMEOUT_WAIT (2000)
(5) |                          | MNCC_SYNC_IND         |
      |                          | *<=====*            |
(6) |                          | MNCC_ALERT_IND        |
      |                          | *<=====*            |
(7) |                          | MNCC_SETUP_CNF        |
      |                          | *<=====*            |
TIMEOUT_WAIT (3000)
      |                          |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	



(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) SIM_SYNC_CNF	cause	SIM_NO_ERROR
(4) MNCC_CALL_PROCEED_IND	ti progress_desc ri bcpara bcpara2	TI_MO_0 PROG_END_TO_END_PLMN NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE
(5) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(6) MNCC_ALERT_IND	ti progress_desc	TI_MO_0 PROG_NOT_PRES
(7) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_NOT_PRES CONNECTED_NUMBER_01317180537 CONNECTED_PARTY_SUB_NONE

History:

17-04-2002	ef	initial
03-05-2002	ef	Add Alert Indication and Call Proceed Indication
13-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
14-08-2003	ef	add TCH indication

4.12.2 MFW502: End a Mobile Originated Call.

Description: Clear down the outgoing call.

Preamble: MFW500

```

      APL          ACI          PS
      |           |           |
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=END)
(1) |           |           |
      |           |           |
      |           |           |
(2) |           |           |
      |           |           |
      |           |           |
(3) |           |           |
      |           |           |
      |           |           |

```

Parametrization:

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL

## (2) MNCC\_DISCONNECT\_REQ

ti	TI_MO_0
cause	MNCC_CAUSE_CALL_CLEAR
fac_inf	NOT_USED
ss_version	NOT_USED

## (3) MNCC\_RELEASE\_IND

ti	TI_MO_0
cause	MNCC_CAUSE_CALL_CLEAR

## History:

17-04-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
20-12-2002	ef	update the cause value for MNCC_DISCONNECT_REQ

**4.12.3 MFW504: Hold and Retrieve a Mobile Originated Call.**

Description: The HOLD and RETRIEVE option are initiated for this MO call..

Preamble: MFW500

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                          | MNCC_HOLD_REQ          |
      |                        | *=====> *
TIMEOUT_WAIT (1000)
(2) |                          | MNCC_HOLD_CNF        |
      |                        | *<===== *
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(3) |                          | MNCC_RETRIEVE_REQ    |
      |                        | *=====> *
TIMEOUT_WAIT (1000)
(4) |                          | MNCC_RETRIEVE_CNF    |
      |                        | *<===== *
TIMEOUT_WAIT (3000)
      |                        |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_HOLD_REQ	ti	TI_MO_0
(2) MNCC_HOLD_CNF	ti cause	TI_MO_0 MNCC_CAUSE_HOLD_SUCCESS
(3) MNCC_RETRIEVE_REQ	ti	TI_MO_0
(4) MNCC_RETRIEVE_CNF	ti cause	TI_MO_0 MNCC_CAUSE_RETRIEVE_SUCCESS

## History:

17-04-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
20-12-2002	ef	cause updated MNCC_HOLD_CNF/MNCC_RETRIEVE_CNF

**4.12.4 MFW506: Hold failure for a Mobile Originated Call, followed by Hold and retrieve.**

Description: The HOLD option is initiated for this MO call, but this fails so there is no change in call status. Afterwards a successful Hold and Retrieve is made.

Preamble: MFW500

```

      APL                      ACI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                          | MNCC_HOLD_REQ      |
      |                        | * <===== > *
TIMEOUT_WAIT (1000)
(2) |                          | MNCC_HOLD_CNF    |
      |                        | * <===== > *
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(3) |                          | MNCC_HOLD_REQ      |
      |                        | * <===== > *
TIMEOUT_WAIT (1000)
(4) |                          | MNCC_HOLD_CNF    |
      |                        | * <===== > *
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(5) |                          | MNCC_RETRIEVE_REQ |
      |                        | * <===== > *
TIMEOUT_WAIT (1000)
(6) |                          | MNCC_RETRIEVE_CNF |
      |                        | * <===== > *
TIMEOUT_WAIT (3000)
      |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_HOLD_REQ	ti	TI_MO_0
(2) MNCC_HOLD_CNF	ti cause	TI_MO_0 MNCC_CAUSE_TEMP_FAIL
(3) MNCC_HOLD_REQ	ti	TI_MO_0
(4) MNCC_HOLD_CNF	ti cause	TI_MO_0 MNCC_CAUSE_HOLD_SUCCESS



(5) MNCC_RETRIEVE_REQ	ti	TI_MO_0
(6) MNCC_RETRIEVE_CNF	ti cause	TI_MO_0 MNCC_CAUSE_RETRIEVE_SUCCESS

## History:

17-04-2002	ef	initial
20-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
20-12-2002	ef	cause updated MNCC_HOLD_CNF/MNCC_RETRIEVE_CNF

**4.12.5 MFW508: MO call terminated by remote disconnection.**

Description: A Mobile Originated call is disconnected by a backward clear

Preamble: MFW500

```

      APL                      ACI                      PS
      |                        |                        |
      |                        |                        |
(1)  |                        | MNCC_DISCONNECT_IND |
      |                        | * <===== * |
(2)  |                        | MNCC_RELEASE_CNF |
      |                        | * <===== * |
(3)  |                        | SIM_SYNC_REQ      |
      |                        | * =====> * |
(4)  |                        | SIM_SYNC_CNF      |
      |                        | * <===== * |
TIMEOUT_WAIT (2000)
      |                        |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_DISCONNECT_IND	ti cause diagnostic progress_desc	TI_MO_0 MNCC_CAUSE_CALL_CLEAR NOT_PRESENT_8BIT PROG_END_TO_END_PLMN
(2) MNCC_RELEASE_CNF	ti cause	TI_MO_0 MNCC_CAUSE_CALL_CLEAR
(3) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(4) SIM_SYNC_CNF	cause	SIM_NO_ERROR

## History:

17-04-2002	ef	initial
15-01-2003	ef	add cause to SIM_SYNC_CNF

## 4.13 MMI Component Tests - case : MT Call Processing

### 4.13.1 MFW510: Mobile Terminated call setup, Voice

Description: From the idle screen, a MT call is indicated and accepted.

Preamble: MFW700

APL/ACI	MMI	PS
TIMEOUT_WAIT (4000)		
(1)	MMI_RXLEV_IND	
	*<=====*	
(2)	GMMREG_CIPHERING_IND	
	*<=====*	
(3)	MNCC_SETUP_IND	
	*<=====*	
(4)	MNCC_SYNC_IND	
	*<=====*	
(5)	ACI_CMD_IND (msg: OK)	
	*<=====*	
(6)	MNCC_ALERT_REQ	
	*=====>	
(7)	MMI_RXLEV_IND	
	*<=====*	
COMMAND (MMI CONFIG KEY_SEQUENCE=L\$OFT)		
(8)	MNCC_SETUP_RES	
	*=====>	
(9)	SIM_SYNC_REQ	
	*=====>	
(10)	MNCC_SYNC_IND	
	*<=====*	
(11)	MNCC_SETUP_COMPL_IND	
	*<=====*	
TIMEOUT_WAIT (4000)		

#### Parametrization:

Primitive	Parameter	Value
(1) MMI_RXLEV_IND	rxlev	NUM_8
(2) GMMREG_CIPHERING_IND	gsm_ciph	CIPH_ON
	gprs_ciph	CIPH_ON
(3) MNCC_SETUP_IND	ti	TI_MT_9
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_SPEECH
	progress_desc	PROG_END_TO_END_PLMN
	sig	SIG_DIAL_TONE_ON
	calling_party	CLG_PARTY_01317180537
	calling_party_sub	CLG_PARTY_SUB
	called_party	CLED_PARTY_654321
	called_party_sub	CLED_PARTY_SUB

	redirecting_party	RED_PARTY
	redirecting_party_sub	RED_PARTY_SUB
(4) MNCC_SYNC_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_SIG_ONLY
(5) ACI_CMD_IND	cmd_len	LM_RING_LEN
	cmd_seq	M_RING
(6) MNCC_ALERT_REQ	ti	TI_MT_9
(7) MMI_RXLEV_IND	rxlev	NUM_8
(8) MNCC_SETUP_RES	ti	TI_MT_9
(9) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(10) MNCC_SYNC_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_MODE_SPEECH_TCH_F
(11) MNCC_SETUP_COMPL_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_SUCCESS

## History:

17-04-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
20-12-2002	ef	updated cause in MNCC_SYNC_IND
02-06-2003	ef	add TCH indication.
12-08-2003	ef	change preamble to set SMS service centre for textreply

**4.13.2 MFW511: Mobile Terminated call Setup, Data**

Description: From the idle screen, a MT non-transparent data call is indicated and accepted.

Preamble: MFW430



APL/ACI	MMI	PS
TIMEOUT_WAIT (4000)		
(1)	MMI_RXLEV_IND	
	*<=====*	
(2)	GMMREG_CIPHERING_IND	
	*<=====*	
(3)	MNCC_SETUP_IND	
	*<=====*	
(4)	MNCC_SYNC_IND	
	*<=====*	
(5)	ACI_CMD_IND	
	(msg: OK)	
	*<=====*	
(6)	MNCC_ALERT_REQ	
	*=====*>	
(7)	MMI_RXLEV_IND	
	*<=====*	
COMMAND (MMI CONFIG KEY_SEQUENCE=L5OFT)		
(8)	MNCC_SETUP_RES	
	*=====*>	
(9)	SIM_SYNC_REQ	
	*=====*>	
(10)	MNCC_SYNC_IND	
	*<=====*	
(11)	MNCC_SETUP_COMPL_IND	
	*<=====*	
(12)	RA_ACTIVATE_REQ	
	*=====*>	
(13)	RA_ACTIVATE_CNF	
	*<=====*	
(14)	L2R_ACTIVATE_REQ	
	*=====*>	
(15)	L2R_ACTIVATE_CNF	
	*<=====*	
(16)	L2R_CONNECT_REQ	
	*=====*>	
(17)	L2R_CONNECT_CNF	
	*<=====*	
TIMEOUT_WAIT (4000)		

**Parametrization:**

Primitive	Parameter	Value
(1) MMI_RXLEV_IND	rxlev	NUM_8
(2) GMMREG_CIPHERING_IND	gsm_ciph gprs_ciph	CIPH_ON CIPH_ON
(3) MNCC_SETUP_IND	ti ri bcpara bcpara2 progress_desc sig	TI_MT_9 NOT_PRESENT_8BIT BC_PARA_ASYNC_9600 BC_PARA_ASYNC_9600 PROG_END_TO_END_PLMN SIG_DIAL_TONE_ON

	calling_party	CLG_PARTY_01317180537
	calling_party_sub	CLG_PARTY_SUB
	called_party	CLED_PARTY_654321
	called_party_sub	CLED_PARTY_SUB
	redirecting_party	RED_PARTY
	redirecting_party_sub	RED_PARTY_SUB
(4) MNCC_SYNC_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_SIG_ONLY
(5) ACI_CMD_IND	cmd_len	LM_RING_LEN
	cmd_seq	M_RING
(6) MNCC_ALERT_REQ	ti	TI_MT_9
(7) MMI_RXLEV_IND	rxlev	NUM_8
(8) MNCC_SETUP_RES	ti	TI_MT_9
(9) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(10) MNCC_SYNC_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_MODE_DATA_TCH_F
(11) MNCC_SETUP_COMPL_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_SUCCESS
(12) RA_ACTIVATE_REQ	model	RA_MODEL_RLP
	tra_rate	TRA_FULLRATE_9600
	user_rate	URA_9600
	ndb	NUM_DATA_BITS
	nsb	NUM_STOP_BITS_1
(13) RA_ACTIVATE_CNF	ack_flg	RA_ACK
(14) L2R_ACTIVATE_REQ	k_ms_iwf	L2r_WIN_SIZE_MS_IWF
	k_iwf_ms	L2R_WIN_SIZE_IWF_MS
	t1	L2R_ACK_TIMER
	t2	L2R_RELAY_DELAY_20
	n2	L2R_RETRANS_ATTEMPTS
	pt	L2R_COMPR_TYPE_V42BIS
	p0	L2R_COMP_DIR_NONE
	p1	L2R_NUM_CODE_WORDS
	p2	L2R_CODE_STR_LEN
	uil2p	L2R_ISO6429
	bytes_per_prim	L2R_BYTES_PER_PRIM_250
	buffer_size	L2R_BUFFER_SIZE_2048
	rate	L2R_FULLRATE_9600
(15) L2R_ACTIVATE_CNF	ack_flg	L2R_ACK

(16) L2R\_CONNECT\_REQ

(17) L2R\_CONNECT\_CNF

ack\_flg

L2R\_ACK

History:

02-06-2003 ef initial

**4.13.3 MFW512: Mobile Terminated call Setup, FAX**

Description: From the idle screen, a MT FAX call is indicated and accepted.

Preamble: MFW430

APL/ACI	MMI	PS
TIMEOUT_WAIT (4000)		
(1)	MMI_RXLEV_IND	
	*<=====*	
(2)	GMMREG_CIPHERING_IND	
	*<=====*	
(3)	MNCC_SETUP_IND	
	*<=====*	
(4)	MNCC_SYNC_IND	
	*<=====*	
(5)   ACI_CMD_IND		
(msg: OK)		
*<=====*		
(6)	MNCC_ALERT_REQ	
	*=====*>	
(7)	MMI_RXLEV_IND	
	*<=====*	
COMMAND (MMI CONFIG KEY_SEQUENCE=L\$OFT)		
(8)	MNCC_SETUP_RES	
	*=====*>	
(9)	SIM_SYNC_REQ	
	*=====*>	
(10)	MNCC_SYNC_IND	
	*<=====*	
(11)	MNCC_SETUP_COMPL_IND	
	*<=====*	
(12)	RA_ACTIVATE_REQ	
	*=====*>	
(13)	RA_ACTIVATE_CNF	
	*<=====*	
(14)	T30_ACTIVATE_REQ	
	*=====*>	
(15)	T30_ACTIVATE_CNF	
	*<=====*	
(16)	T30_CONFIG_REQ	
	*=====*>	
(17)	T30_CAP_REQ	
	*=====*>	
TIMEOUT_WAIT (4000)		

Parametrization:

Primitive	Parameter	Value
(1) MMI_RXLEV_IND	rxlev	NUM_8
(2) GMMREG_CIPHERING_IND	gsm_ciph gprs_ciph	CIPH_ON CIPH_ON
(3) MNCC_SETUP_IND	ti ri bcpara bcpara2 progress_desc sig calling_party calling_party_sub called_party called_party_sub redirecting_party redirecting_party_sub	TI_MT_9 NOT_PRESENT_8BIT BC_PARA_FAX BC_PARA_FAX PROG_END_TO_END_PLMN SIG_DIAL_TONE_ON CLG_PARTY_01317180537 CLG_PARTY_SUB CLE_D_PARTY_654321 CLE_D_PARTY_SUB RED_PARTY RED_PARTY_SUB
(4) MNCC_SYNC_IND	ti cause chm	TI_MT_9 MNCC_CAUSE_CHANNEL_SYNC CH_SIG_ONLY
(5) ACI_CMD_IND	cmd_len cmd_seq	LM_RING_LEN M_RING
(6) MNCC_ALERT_REQ	ti	TI_MT_9
(7) MMI_RXLEV_IND	rxlev	NUM_8
(8) MNCC_SETUP_RES	ti	TI_MT_9
(9) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(10) MNCC_SYNC_IND	ti cause chm	TI_MT_9 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_FAX_TCH_F
(11) MNCC_SETUP_COMPL_IND	ti cause	TI_MT_9 MNCC_CAUSE_SUCCESS
(12) RA_ACTIVATE_REQ	model tra_rate user_rate ndb nsb	RA_MODEL_FAX TRA_FULLRATE_9600 URA_9600 NUM_DATA_BITS NUM_STOP_BITS_1
(13) RA_ACTIVATE_CNF	ack_flg	RA_ACK
(14) T30_ACTIVATE_REQ	trans_rate	TRANS_RATE_9600



	half_rate	HALF_RATE_FLAG_0
	threshold	TCF_THRESHOLD_90
	frames_per_prim	NO_FRAMES_PER_PRIM_3
	bitorder	FBO_NRM_DATA
(15) T30_ACTIVATE_CNF		
	buf_size_rx	L2R_BUFFER_SIZE_2048
	buf_size_tx	L2R_BUFFER_SIZE_2048
(16) T30_CONFIG_REQ		
	hdlc_report	HDLC_REPORT_1
	test_mode	TST_OFF
(17) T30_CAP_REQ		
	hdlc_info	CAPS_DCS0

History:

02-06-2003 ef initial

**4.13.4 MFW513: End of Mobile Terminated Call.**

Description: Clear the call down by pressing the end key.

Preamble: MFW510

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=END)		
(1)	SIM_SYNC_REQ	
	*=====>*	
(2)	MNCC_DISCONNECT_REQ	
	*=====>*	
(3)	MNCC_RELEASE_IND	
	*<=====*	
TIMEOUT_WAIT (5000)		

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(2) MNCC_DISCONNECT_REQ	ti	TI_MT_9
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(3) MNCC_RELEASE_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CALL_CLEAR

## History:

01-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
20-12-2002	ef	update the cause value for MNCC_DISCONNECT_REQ

## 4.14 MMI Component Tests - case : MO / MT Call Processing

### 4.14.1 MFW514: MO Call followed by a MT Call, first call put on Hold.

Description: During a MO call, a 2<sup>nd</sup> call arrives. The 1<sup>st</sup> call is put on Hold and the waiting MT call is accepted.

A: Speech  
B: Data

Variants: <A>..<B>

Preamble: MFW500

```

APL/ACI                                MMI                                PS
|                                       |                                 |
TIMEOUT_WAIT (4000)
(1) |                                   |   MMI_RXLEV_IND               |
|                                       | *<===== *
(2) |                                   |   GMMREG_CIPHERING_IND       |
|                                       | *<===== *
(3) |                                   |   MNCC_SETUP_IND            |
|                                       | *<===== *
(4) |                                   |   MNCC_SYNC_IND             |
|                                       | *<===== *
(5) |                                   |   MNCC_ALERT_REQ            |
|                                       | *=====> *
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Accept Call */
(6) |                                   |   MNCC_HOLD_REQ             |
|                                       | *=====> *
(7) |                                   |   MNCC_HOLD_CNF             |
|                                       | *<===== *
(8) |                                   |   MNCC_SETUP_RES            |
|                                       | *=====> *
(9) |                                   |   MNCC_SYNC_IND             |
|                                       | *<===== *
(10) |                                  |   MNCC_SETUP_COMPL_IND      |
|                                       | *<===== *
|                                       |                               |

```

#### Parametrization:

Primitive	Parameter	Value
(1) MMI_RXLEV_IND	rxlev	NUM_8
(2) GMMREG_CIPHERING_IND	gsm_ciph	CIPH_ON
	gprs_ciph	CIPH_ON
(3) MNCC_SETUP_IND	ti	TI_MT_9

	ri	NOT_PRESENT_8BIT
<A>	bcpara	BC_PARA_SPEECH
<A>	bcpara2	BC_PARA_SPEECH
<B>	bcpara	BC_PARA_ASYNC_1200
<B>	bcpara2	BC_PARA_ASYNC_1200
	progress_desc	PROG_END_TO_END_PLMN
	sig	SIG_DIAL_TONE_ON
	calling_party	CLG_PARTY_01317180537
	calling_party_sub	CLG_PARTY_SUB
	called_party	CLED_PARTY_654321
	called_party_sub	CLED_PARTY_SUB
	redirecting_party	RED_PARTY
	redirecting_party_sub	RED_PARTY_SUB
(4) MNCC_SYNC_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_SIG_ONLY
(5) MNCC_ALERT_REQ	ti	TI_MT_9
(6) MNCC_HOLD_REQ	ti	TI_MO_0
(7) MNCC_HOLD_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_HOLD_SUCCESS
(8) MNCC_SETUP_RES	ti	TI_MT_9
(9) MNCC_SYNC_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_MODE_SPEECH_TCH_F
(10) MNCC_SETUP_COMPL_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_SUCCESS

## History:

02-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
20-12-2002	ef	cause updated MNCC_SETUP_COMPL_IND/MNCC_SYNC_IND
28-01-2003	ef	new parameter "redirecting party" for MNCC_SETUP_IND
07-07-2003	ef	change SEND key to LEFT key
14-08-2003	ef	add the TCH indication



4.14.2 MF516: Using the Send Key, Swap the two calls twice so that the MT call is active and the MO call is held.

Description: The MT active call and the waiting MO call are swapped by twice by the use of the Send key.

Preamble: MF514A

```

      APL                      MMI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                          |      MNCC_HOLD_REQ      |
      |                        | *=====> *
(2) |                          |      MNCC_RETRIEVE_REQ  |
      |                        | *=====> *
(3) |                          |      MNCC_HOLD_CNF      |
      |                        | *<===== *
(4) |                          |      MNCC_RETRIEVE_CNF  |
      |                        | *<===== *
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(5) |                          |      MNCC_HOLD_REQ      |
      |                        | *=====> *
(6) |                          |      MNCC_RETRIEVE_REQ  |
      |                        | *=====> *
(7) |                          |      MNCC_HOLD_CNF      |
      |                        | *<===== *
(8) |                          |      MNCC_RETRIEVE_CNF  |
      |                        | *<===== *
      |                          |

```

Parametrization:

Primitive	Parameter	Value
(1) MNCC_HOLD_REQ	ti	TI_MT_9
(2) MNCC_RETRIEVE_REQ	ti	TI_MO_0
(3) MNCC_HOLD_CNF	ti cause	TI_MT_9 MNCC_CAUSE_HOLD_SUCCESS
(4) MNCC_RETRIEVE_CNF	ti cause	TI_MO_0 MNCC_CAUSE_RETRIEVE_SUCCESS
(5) MNCC_HOLD_REQ	ti	TI_MO_0
(6) MNCC_RETRIEVE_REQ	ti	TI_MT_9
(7) MNCC_HOLD_CNF	ti cause	TI_MO_0 MNCC_CAUSE_HOLD_SUCCESS
(8) MNCC_RETRIEVE_CNF	ti cause	TI_MT_9 MNCC_CAUSE_RETRIEVE_SUCCESS



History:

02-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
20-12-2002	ef	cause updated MNCC_HOLD_CNF/MNCC_RETRIEVE_CNF

4.14.3 MFW518: In Call Menu, Swap the two calls twice so that the MT call is active and the MO call is held.

Description: The MT active call and the waiting MO call are swapped by twice by the use of the In Call Menu and the Swap option.

Preamble: MFW514A

```

      APL                      MMI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Swap */
(1) |                          | MNCC_HOLD_REQ      |
    |                          | *=====>*      |
(2) |                          | MNCC_RETRIEVE_REQ |
    |                          | *=====>*      |
(3) |                          | MNCC_HOLD_CNF     |
    |                          | *<=====*>     |
(4) |                          | MNCC_RETRIEVE_CNF |
    |                          | *<=====*>     |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Options */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Swap */
(5) |                          | MNCC_HOLD_REQ      |
    |                          | *=====>*      |
(6) |                          | MNCC_RETRIEVE_REQ |
    |                          | *=====>*      |
(7) |                          | MNCC_HOLD_CNF     |
    |                          | *<=====*>     |
(8) |                          | MNCC_RETRIEVE_CNF |
    |                          | *<=====*>     |
    |                          |                   |
    |                          |                   |

```

Parametrization:

Primitive	Parameter	Value
(1) MNCC_HOLD_REQ	ti	TI_MT_9
(2) MNCC_RETRIEVE_REQ	ti	TI_MO_0

(3) MNCC_HOLD_CNF	ti cause	TI_MT_9 MNCC_CAUSE_HOLD_SUCCESS
(4) MNCC_RETRIEVE_CNF	ti cause	TI_MO_0 MNCC_CAUSE_RETRIEVE_SUCCESS
(5) MNCC_HOLD_REQ	ti	TI_MO_0
(6) MNCC_RETRIEVE_REQ	ti	TI_MT_9
(7) MNCC_HOLD_CNF	ti cause	TI_MO_0 MNCC_CAUSE_HOLD_SUCCESS
(8) MNCC_RETRIEVE_CNF	ti cause	TI_MT_9 MNCC_CAUSE_RETRIEVE_SUCCESS

## History:

02-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
20-12-2002	ef	cause updated MNCC_HOLD_CNF/MNCC_RETRIEVE_CNF
07-07-2003	ef	in call menu changes



4.14.4 MFW520: When in-call, initiate a 2nd call using DTMF tones.

Description: A MO call is active. Another MO call is initiated using DTMF tones The Send key is pressed and the 1st call(active) is placed on Hold, and the 2nd call is started.

Preamble: MFW500

```

      APL                      MMI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
(1) |                        | MNCC_START_DTMF_REQ |
      |                        | *=====> *
(2) |                        | MNCC_START_DTMF_CNF |
      |                        | *<===== *
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
(3) |                        | MNCC_START_DTMF_REQ |
      |                        | *=====> *
(4) |                        | MNCC_START_DTMF_CNF |
      |                        | *<===== *
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
(5) |                        | MNCC_START_DTMF_REQ |
      |                        | *=====> *
(6) |                        | MNCC_START_DTMF_CNF |
      |                        | *<===== *
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
(7) |                        | MNCC_START_DTMF_REQ |
      |                        | *=====> *
(8) |                        | MNCC_START_DTMF_CNF |
      |                        | *<===== *
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
(9) |                        | MNCC_START_DTMF_REQ |
      |                        | *=====> *
(10) |                       | MNCC_START_DTMF_CNF |
      |                        | *<===== *
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
(11) |                       | MNCC_START_DTMF_REQ |
      |                        | *=====> *
(12) |                       | MNCC_START_DTMF_CNF |
      |                        | *<===== *
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
(13) |                       | MNCC_HOLD_REQ |
      |                        | *=====> *
(14) |                       | MNCC_HOLD_CNF |
      |                        | *<===== *
(15) |                       | MNCC_SETUP_REQ |
      |                        | *=====> *
(16) |                       | MNCC_CALL_PROCEED_IND |
      |                        | *<===== *
(17) |                       | MNCC_PROGRESS_IND |
      |                        | *<===== *
(18) |                       | MNCC_SYNC_IND |
      |                        | *<===== *
(19) |                       | MNCC_ALERT_IND |

```

```

|
(20) | * <===== *
| | MNCC_SETUP_CNF |
| | * <===== *

TIMEOUT_WAIT (3000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_START_DTMF_REQ	ti key dtmf_mod	TI_MO_0 DIG_6 DTMF_MOD_AUTO
(2) MNCC_START_DTMF_CNF	ti key cause dtmf_mod	TI_MO_0 DIG_6 MNCC_CAUSE_DTMF_START_SUCCESS DTMF_MOD_AUTO
(3) MNCC_START_DTMF_REQ	ti key dtmf_mod	TI_MO_0 DIG_5 DTMF_MOD_AUTO
(4) MNCC_START_DTMF_CNF	ti key cause dtmf_mod	TI_MO_0 DIG_5 MNCC_CAUSE_DTMF_START_SUCCESS DTMF_MOD_AUTO
(5) MNCC_START_DTMF_REQ	ti key dtmf_mod	TI_MO_0 DIG_4 DTMF_MOD_AUTO
(6) MNCC_START_DTMF_CNF	ti key cause dtmf_mod	TI_MO_0 DIG_4 MNCC_CAUSE_DTMF_START_SUCCESS DTMF_MOD_AUTO
(7) MNCC_START_DTMF_REQ	ti key dtmf_mod	TI_MO_0 DIG_3 DTMF_MOD_AUTO
(8) MNCC_START_DTMF_CNF	ti key cause dtmf_mod	TI_MO_0 DIG_3 MNCC_CAUSE_DTMF_START_SUCCESS DTMF_MOD_AUTO
(9) MNCC_START_DTMF_REQ	ti key dtmf_mod	TI_MO_0 DIG_2 DTMF_MOD_AUTO
(10) MNCC_START_DTMF_CNF	ti key	TI_MO_0 DIG_2

	cause dtmf_mod	MNCC_CAUSE_DTMF_START_SUCCESS DTMF_MOD_AUTO
(11) MNCC_START_DTMF_REQ	ti key dtmf_mod	TI_MO_0 DIG_1 DTMF_MOD_AUTO
(12) MNCC_START_DTMF_CNF	ti key cause dtmf_mod	TI_MO_0 DIG_1 MNCC_CAUSE_DTMF_START_SUCCESS DTMF_MOD_AUTO
(13) MNCC_HOLD_REQ	ti	TI_MO_0
(14) MNCC_HOLD_CNF	ti cause	TI_MO_0 MNCC_CAUSE_HOLD_SUCCESS
(15) MNCC_SETUP_REQ	ti prio ri bcpara bcpara2 called_party called_party_sub clir_sup fac_inf	TI_MO_1 PRIO_NORM_CALL NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE CLEP_PARTY_654321 CLEP_PARTY_SUB_NONE NOT_PRESENT_8BIT NOT_USED
(16) MNCC_CALL_PROCEED_IND	ti progress_desc ri bcpara bcpara2	TI_MO_1 PROG_END_TO_END_PLMN NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE
(17) MNCC_PROGRESS_IND	ti progress_desc	TI_MO_1 PROG_END_TO_END_PLMN
(18) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(19) MNCC_ALERT_IND	ti progress_desc	TI_MO_1 PROG_NOT_PRES
(20) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_1 MNCC_CAUSE_SUCCESS PROG_NOT_PRES CONNECTED_NUMBER_654321 CONNECTED_PARTY_SUB_NONE

## History:

03-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
20-12-2002	ef	cause updated MNCC_HOLD_CNF/MNCC_START_DTMF_CNF
14-08-2003	ef	add TCH indication

**4.14.5 MFW522: End the MT call, In Call Menu, Hold, Activate the held call.**

Description: The Active MT call is terminated by the End key. Using the In call menu, the MO Call Held is then made Active.

Preamble: MFW514A

```

      APL                      MMI                      PS
      |                        |                        |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
(1) |                          | MNCC_DISCONNECT_REQ |
      |                        | *=====> *
(2) |                          | MNCC_RELEASE_IND  |
      |                        | *<===== *
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Unhold */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Active */
(3) |                          | MNCC_RETRIEVE_REQ |
      |                        | *=====> *
(4) |                          | MNCC_RETRIEVE_CNF |
      |                        | *<===== *
      |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_DISCONNECT_REQ	ti	TI_MT_9
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(2) MNCC_RELEASE_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CALL_CLEAR
(3) MNCC_RETRIEVE_REQ	ti	TI_MO_0
(4) MNCC_RETRIEVE_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_HOLD_SUCCESS

## History:

08-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
20-12-2002	ef	update the cause value for MNCC_DISCONNECT_REQ
19-08-2003	ef	replace END key with RSK, because END key ends both calls
09-10-2003	ef	increase wait timer for the in call menu to correctly appear

**4.14.6 MFW524: Reject a MT call, followed by a MO call.**

Description: .From the Idle screen, reject an incoming MT call, then wait and follow with a MO call

Preamble: MFW430

APL/ACI	MMI	PS
(1)	MNCC_SETUP_IND	
	*<=====*	
(2)	MNCC_SYNC_IND	
	*<=====*	
(3)	ACI_CMD_IND	
	(msg: OK)	
	*<=====*	
(4)	MNCC_ALERT_REQ	
	*=====>*	
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Reject Call */		
(5)	MNCC_DISCONNECT_REQ	
	*=====>*	
(6)	MNCC_RELEASE_IND	
	*<=====*	
COMMAND (MMI CONFIG KEY_SEQUENCE=<01317180537>)		
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)		
(7)	MNCC_SETUP_REQ	
	*=====>*	
(8)	SIM_SYNC_REQ	
	*=====>*	
(9)	MNCC_CALL_PROCEED_IND	
	*<=====*	
(10)	MNCC_SYNC_IND	
	*<=====*	
(11)	MNCC_ALERT_IND	
	*<=====*	
(12)	MNCC_SETUP_CNF	
	*<=====*	

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_IND	ti	TI_MT_9
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_SPEECH

	progress_desc	PROG_END_TO_END_PLMN
	sig	SIG_DIAL_TONE_ON
	calling_party	CLG_PARTY_01317180537
	calling_party_sub	CLG_PARTY_SUB
	called_party	CLED_PARTY_654321
	called_party_sub	CLED_PARTY_SUB
	redirecting_party	RED_PARTY
	redirecting_party_sub	RED_PARTY_SUB
(2) MNCC_SYNC_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_SIG_ONLY
(3) ACI_CMD_IND	cmd_len	LM_RING_LEN
	cmd_seq	M_RING
(4) MNCC_ALERT_REQ	ti	TI_MT_9
(5) MNCC_DISCONNECT_REQ	ti	TI_MT_9
	cause	MNCC_CAUSE_USER_BUSY
	fac_inf	NOT_USED
	ss_version	NOT_USED
(6) MNCC_RELEASE_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CALL_CLEAR
(7) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(8) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(9) MNCC_CALL_PROCEED_IND	ti	TI_MO_1
	progress_desc	PROG_END_TO_END_PLMN
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
(10) MNCC_SYNC_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_MODE_SPEECH_TCH_F
(11) MNCC_ALERT_IND	ti	TI_MO_0
	progress_desc	PROG_NOT_PRES
(12) MNCC_SETUP_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS

progress_desc	PROG_NOT_PRES
connected_number	CONNECTED_NUMBER_01317180537
connected_number_sub	CONNECTED_PARTY_SUB_NONE

History:

08-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
20-12-2002	ef	cause updated MNCC_SYNC_IND
28-01-2003	ef	add parameter "redirecting party" to MNCC_SETUP_IND
14-08-2003	ef	add TCH indication

**4.14.7 MFW526: Missed calls in Idle mode.**

Description: .In the idle mode, a MT call is not answered, twice in succession.

Preamble: MFW430

APL/ACI	MMI	PS
(1)	MNCC_SETUP_IND	
	*<=====*	
(2)	MNCC_SYNC_IND	
	*<=====*	
(3)   ACI_CMD_IND		
(msg: OK)		
*<=====*		
(4)	MNCC_ALERT_REQ	
	*=====>*	
TIMEOUT_WAIT (6000)		
(5)	MNCC_DISCONNECT_IND	
	*<=====*	
(6)	MNCC_RELEASE_IND	
	*<=====*	
(7)	MNCC_SETUP_IND	
	*<=====*	
(8)	MNCC_SYNC_IND	
	*<=====*	
(9)   ACI_CMD_IND		
(msg: OK)		
*<=====*		
(10)	MNCC_ALERT_REQ	
	*=====>*	
TIMEOUT_WAIT (6000)		
(11)	MNCC_DISCONNECT_IND	
	*<=====*	
(12)	MNCC_RELEASE_IND	
	*<=====*	

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_IND	ti	TI_MT_9

	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_SPEECH
	progress_desc	PROG_END_TO_END_PLMN
	sig	SIG_DIAL_TONE_ON
	calling_party	CLG_PARTY_01317180537
	calling_party_sub	CLG_PARTY_SUB
	called_party	CLED_PARTY_654321
	called_party_sub	CLED_PARTY_SUB
	redirecting_party	RED_PARTY
	redirecting_party_sub	RED_PARTY_SUB
(2) MNCC_SYNC_IND		
	ti	TI_MT_9
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_SIG_ONLY
(3) ACI_CMD_IND		
	cmd_len	LM_RING_LEN
	cmd_seq	M_RING
(4) MNCC_ALERT_REQ		
	ti	TI_MT_9
(5) MNCC_DISCONNECT_IND		
	ti	TI_MT_9
	cause	MNCC_CAUSE_UNSPECIFIED
	diagnostic	NOT_PRESENT_8BIT
	progress_desc	PROG_NOT_PRES
(6) MNCC_RELEASE_IND		
	ti	TI_MT_9
	cause	MNCC_CAUSE_USER_BUSY
(7) MNCC_SETUP_IND		
	ti	TI_MT_9
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_SPEECH
	progress_desc	PROG_END_TO_END_PLMN
	sig	SIG_DIAL_TONE_ON
	calling_party	CLG_PARTY_01317180537
	calling_party_sub	CLG_PARTY_SUB
	called_party	CLED_PARTY_654321
	called_party_sub	CLED_PARTY_SUB
	redirecting_party	RED_PARTY
	redirecting_party_sub	RED_PARTY_SUB
(8) MNCC_SYNC_IND		
	ti	TI_MT_9
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_SIG_ONLY
(9) ACI_CMD_IND		
	cmd_len	LM_RING_LEN
	cmd_seq	M_RING
(10) MNCC_ALERT_REQ		
	ti	TI_MT_9
(11) MNCC_DISCONNECT_IND		
	ti	TI_MT_9
	cause	MNCC_CAUSE_UNSPECIFIED

	diagnostic progress_desc	NOT_PRESENT_8BIT PROG_NOT_PRES
(12) MNCC_RELEASE_IND	ti cause	TI_MT_9 MNCC_CAUSE_USER_BUSY

## History:

09-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
20-12-2002	ef	updated cause in MNCC_SYNC_IND
28-01-2003	ef	add parameter "redirecting party" to MNCC_SETUP_IND

**4.14.8 MFW528: An MT call is rejected.**

Description: .During a MO call, an incoming MT call is rejected by the user.

Preamble: MFW500

```

APL/ACI          MMI          PS
|               |             |
(1) |           |             |
|               | MNCC_SETUP_IND |
|               | *<===== *
(2) |           |             |
|               | MNCC_SYNC_IND  |
|               | *<===== *
(3) |           |             |
|               | MNCC_ALERT_REQ |
|               | *=====>
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=END)
(4) |           | MNCC_DISCONNECT_REQ |
|               | *=====> *
(5) |           | MNCC_RELEASE_IND  |
|               | *<===== *
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=END)
(6) |           | SIM_SYNC_REQ      |
|               | *=====> *
(7) |           | MNCC_DISCONNECT_REQ |
|               | *=====> *
(8) |           | MNCC_RELEASE_IND  |
|               | *<===== *
|               |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_IND	ti	TI_MT_9
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_SPEECH
	progress_desc	PROG_END_TO_END_PLMN
	sig	SIG_DIAL_TONE_ON
	calling_party	CLG_PARTY_01317180537
	calling_party_sub	CLG_PARTY_SUB



	called_party	CLED_PARTY_654321
	called_party_sub	CLED_PARTY_SUB
	redirecting_party	RED_PARTY
	redirecting_party_sub	RED_PARTY_SUB
(2) MNCC_SYNC_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_SIG_ONLY
(3) MNCC_ALERT_REQ	ti	TI_MT_9
(4) MNCC_DISCONNECT_REQ	ti	TI_MT_9
	cause	MNCC_CAUSE_USER_BUSY
	fac_inf	NOT_USED
	ss_version	NOT_USED
(5) MNCC_RELEASE_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_USER_BUSY
(6) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(7) MNCC_DISCONNECT_REQ	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(8) MNCC_RELEASE_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR

## History:

09-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
20-12-2002	ef	updated cause in MNCC_SYNC_IND
28-01-2003	ef	add parameter "redirecting party" to MNCC_SETUP_IND
29-01-2003	ef	change cause on 2 <sup>nd</sup> MNCC_DISCONNECT_REQ

#### 4.14.9 MFW530: In Call Menu, End both calls.

Description: .From the In call Menu, Options,End All. This ends both calls..

Preamble: MFW516

```

APL/ACI                      MMI                      PS
|                             |                      |
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* End All */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
(1) |                          | MNCC_DISCONNECT_REQ |
    |                          | *=====>*         |
(2) |                          | MNCC_RELEASE_IND   |
    |                          | *<=====*         |
(3) |                          | SIM_SYNC_REQ       |
    |                          | *=====>*         |
(4) |                          | MNCC_DISCONNECT_REQ |
    |                          | *=====>*         |
TIMEOUT_WAIT (3000)
(5) |                          | MNCC_RELEASE_IND   |
    |                          | *<=====*         |
    |                          |                     |

```

#### Parametrization:

Primitive	Parameter	Value
(1) MNCC_DISCONNECT_REQ	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(2) MNCC_RELEASE_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
(3) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(4) MNCC_DISCONNECT_REQ	ti	TI_MT_9
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(5) MNCC_RELEASE_IND	ti	TI_MT_9
	cause	MNCC_CAUSE_CALL_CLEAR

## History:

10-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
29-01-2003	ef	change cause in all above signals.
07-07-2003	ef	in call menu changes

**4.14.10 MFW532: MO Emergency Call.**

Description: From Idle mode, key in the Emergency phone number and accept. An outgoing call is setup. Afterwards the call is cleared down.

Preamble: MFW430

```

APL/ACI                      MMI                      PS
|                             |                             |
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                             | MNCC_SETUP_REQ           |
|                             | *=====>*              |
(2) |                             | SIM_SYNC_REQ            |
|                             | *=====>*              |
(3) |                             | MNCC_SYNC_IND           |
|                             | *<=====*               |
(4) |                             | MNCC_SETUP_CNF          |
|                             | *<=====*               |
(5) |                             | SIM_SYNC_CNF            |
|                             | *<=====*               |
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=END)
(6) |                             | SIM_SYNC_REQ            |
|                             | *=====>*              |
(7) |                             | MNCC_DISCONNECT_REQ     |
|                             | *=====>*              |
(8) |                             | MNCC_RELEASE_IND        |
|                             | *<=====*               |
TIMEOUT_WAIT (3000)
|                             |                             |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_EMERG_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH

	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_112
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(2) SIM_SYNC_REQ		
	synccs	SYNC_START_CALL
(3) MNCC_SYNC_IND		
	ti	TI_MO_0
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_MODE_SPEECH_TCH_F
(4) MNCC_SETUP_CNF		
	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_END_TO_END_PLMN
	connected_number	CONNECTED_NUMBER_112
	connected_number_sub	CONNECTED_PARTY_SUB_NONE
(5) SIM_SYNC_CNF		
	cause	SIM_NO_ERROR
(6) SIM_SYNC_REQ		
	synccs	SYNC_STOP_CALL
(7) MNCC_DISCONNECT_REQ		
	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(8) MNCC_RELEASE_IND		
	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR

## History:

10-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
15-01-2003	ef	add cause to SIM_SYNC_CNF
29-01-2003	ef	change cause for MNCC_DISCONNECT_REQ
14-08-2003	ef	add TCH indication

**4.14.11 MFW534: Cancel a MO call during Setup.**

Description: From Idle mode, initiate a MO call, then Cancel the call before it becomes active.

Preamble: MFW430

```

APL/ACI                MMI                PS
|                      |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=0)        /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) | | MNCC_SETUP_REQ |
| | *=====>*
(2) | | SIM_SYNC_REQ |
| | *=====>*
(3) | | MNCC_PROGRESS_IND |
| | *<=====*
```

COMMAND (MMI CONFIG KEY\_SEQUENCE=END)

```

(4) | | SIM_SYNC_REQ |
| | *=====>*
(5) | | MNCC_DISCONNECT_REQ |
| | *=====>*
(6) | | MNCC_RELEASE_IND |
| | *<=====*
```

TIMEOUT\_WAIT (3000)

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) MNCC_PROGRESS_IND	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
(4) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL

## (5) MNCC\_DISCONNECT\_REQ

ti	TI_MO_0
cause	MNCC_CAUSE_CALL_CLEAR
fac_inf	NOT_USED
ss_version	NOT_USED

## (6) MNCC\_RELEASE\_IND

ti	TI_MO_0
cause	MNCC_CAUSE_CALL_CLEAR

## History:

13-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
29-01-2003	ef	change cause of MNCC_DISCONNECT_REQ

**4.14.12 MFW536: Call Independent Supplementary Services, Register for Forward All Calls.**

Description: .From Idle, Main Menu, Netw. Services, Divert, All Calls, Voice, Set Divert, and input the Divert number.

Preamble: MFW430

```

      APL/ACI                      MMI                      PS
      |                               |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Network services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* All Calls */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Voice */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Set Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)          /* Enter Number */

```



```

TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(1) | | SIM_READ_REQ |
    | | *=====> *
(2) | | SIM_READ_CNF |
    | | *<===== *
(3) | | MNSS_BEGIN_REQ |
    | | *=====> *
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* clear message */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT) /* back to idle screen */
TIMEOUT_WAIT (1000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_READ_REQ	source	SRC_MMI
	offset	NUM_0
	datafield	SIM_CPHS_CFF
	length	NOT_PRESENT_8BIT
	max_length	NUM_2
(2) SIM_READ_CNF	datafield	SIM_CPHS_CFF
	cause	SIM_NO_ERROR
	length	NUM_3
	trans_data	SIM_CPHS_FIELD
(3) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	FACILITY_REGISTER
	ss_ver	VERSION_SS

## History:

14-05-2002	ef	initial
20-08-2002	ef	add the SIM call forwarding flags request
29-01-2003	ef	change menu for Divert

## 4.15 MMI Component Tests case : In Call Menu

### 4.15.1 MFW538: In Call Menu, make a 2<sup>nd</sup> call from the Phonebook.

Description: .While a MO call is active, from the In Call Menu, Contacts, access the Phonebook and initiate another call. Afterwards go back to main menu.

Preamble: MFW500

```

APL/ACI                                MMI                                PS
|                                     |                                |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Contacts */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Search */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select 3rd entry */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Call Number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Call */
(1) |                                     | MNCC_HOLD_REQ |
|                                     | *=====> *
(2) |                                     | MNCC_HOLD_CNF |
|                                     | *<===== *
(3) |                                     | MNCC_SETUP_REQ |
|                                     | *=====> *
(4) |                                     | MNCC_CALL_PROCEED_IND |
|                                     | *<===== *
(5) |                                     | MNCC_PROGRESS_IND |
|                                     | *<===== *
(6) |                                     | MNCC_SYNC_IND |
|                                     | *<===== *
(7) |                                     | MNCC_ALERT_IND |
|                                     | *<===== *
(8) |                                     | MNCC_SETUP_CNF |
|                                     | *<===== *
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)

```

```
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
|
|
|
```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) MNCC_HOLD_REQ	ti	TI_MO_0
(2) MNCC_HOLD_CNF	ti	TI_MO_0
(3) MNCC_SETUP_REQ	cause	MNCC_CAUSE_HOLD_SUCCESS
	ti	TI_MO_1
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_ERIC_NT
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(4) MNCC_CALL_PROCEED_IND	ti	TI_MO_1
	progress_desc	PROG_END_TO_END_PLMN
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
(5) MNCC_PROGRESS_IND	ti	TI_MO_1
	progress_desc	PROG_END_TO_END_PLMN
(6) MNCC_SYNC_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_MODE_SPEECH_TCH_F
(7) MNCC_ALERT_IND	ti	TI_MO_1
	progress_desc	PROG_NOT_PRES
(8) MNCC_SETUP_CNF	ti	TI_MO_1
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_NOT_PRES
	connected_number	CONNECTED_NUMBER_654321
	connected_number_sub	CONNECTED_PARTY_SUB_NONE

**History:**

15-05-2002	ef	initial
20-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-08-2003	ef	add TCH indication



4.15.2 MFW540: In Call Menu, End all calls.

Description: One active MO call, one Held MO call. From the In Call Menu, choose End All.

Preamble: MFW538

```

APL/ACI                      MMI                      PS
|                             |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=L$SOFT)                /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* End All */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$SOFT)                /* Select */
(1) |                          | MNCC_DISCONNECT_REQ |
    |                          | *=====> *
(2) |                          | MNCC_RELEASE_IND  |
    |                          | *<===== *
(3) |                          | SIM_SYNC_REQ      |
    |                          | *=====> *
(4) |                          | MNCC_DISCONNECT_REQ |
    |                          | *=====> *
(5) |                          | MNCC_RELEASE_IND  |
    |                          | *<===== *
    |                          |
    |                          |

```

Parametrization:

Primitive	Parameter	Value
(1) MNCC_DISCONNECT_REQ	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(2) MNCC_RELEASE_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
(3) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(4) MNCC_DISCONNECT_REQ	ti	TI_MO_1
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(5) MNCC_RELEASE_IND	ti	TI_MO_1
	cause	MNCC_CAUSE_CALL_CLEAR

History:

16-05-2002	ef	initial
20-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
07-07-07	ef	changes to in call menu

#### 4.15.3 MFW541: In Call Menu, During an active call, send a text message. End the Call.

Description: One Active MO call. From In call Menu, Send Message, Select

Enter msg ("Eric"), Select, enter Number, press Send. After msg is sent, discard the msg and end the call.

Note: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.

Preamble: MFW458

```

      APL/ACI                      MMI                      PS
      |                               |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=L5OFT)          /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Send Message */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L5OFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)          /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)          /* "r" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)          /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)          /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L5OFT)          /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L5OFT)          /* Send */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)              /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)

```



```

TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSoft) /* Send */
(1) | | MNSMS_SUBMIT_REQ |
| | *=====> *
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSoft) /* options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* discard */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSoft) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSoft)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSoft) /* in call menu, End call */
TIMEOUT_WAIT (2000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_1

**History:**

17-05-2002	ef	initial
19-08-2003	ef	skip over the special chars à and á. Remove later.
09-10-2003	ef	remove the chars à and á.

**4.15.4 MFW542: In Call Menu, MO call held, MT call active, send a text message.**

Description: One Active MT call, one Held MO Call. From In Call Menu, Send Message, Select Enter msg ("Eric"), Select, enter Number, press Send. After msg is sent, discard the msg.

Note: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.

Preamble: MFW514A

```

APL/ACI | | |
| | |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSoft) /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)

```



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Send Message */
TIMEOUT_WAIT (2000) /* Select */
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3) /* "E" */
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7) /* "r" */
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4) /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2) /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Send */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0) /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Send */
(1) | | MNSMS_SUBMIT_REQ |
| | *=====>*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)

```

```

TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* discard */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
|
|
|

```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_1

**History:**

21-08-2003	ef	initial
09-10-2003	ef	remove the chars à and á.

## 4.16 MMI Component Tests case : Missed Calls

### 4.16.1 MFW544: Make a call from the missed call list – Main Menu, Recent Calls, Missed Calls

Description: An incoming call is not answered. Afterwards the Missed Call is accessed from the Main Menu; Recent Calls and the first entry is chosen, a call is setup.

Preamble: MFW526

```

APL/ACI                      MMI                      PS
|                             |                             |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Recent Calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)              /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)              /* Missed Calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                          | MNCC_SETUP_REQ          |
|                          | *=====>*
(2) |                          | MNCC_CALL_PROCEED_IND  |
|                          | *<=====*
(3) |                          | MNCC_PROGRESS_IND     |
|                          | *<=====*
(4) |                          | MNCC_SYNC_IND         |
|                          | *<=====*
(5) |                          | MNCC_ALERT_IND       |
|                          | *<=====*
(6) |                          | MNCC_SETUP_CNF       |
|                          | *<=====*
(7) |                          | SIM_SYNC_REQ         |
|                          | *=====>*
|                          |

```

#### Parametrization:

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_ERIC_T
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) MNCC_CALL_PROCEED_IND	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
bcpara2	BC_PARA_NO_SERVICE	



(3) MNCC_PROGRESS_IND	ti progress_desc	TI_MO_0 PROG_END_TO_END_PLMN
(4) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(5) MNCC_ALERT_IND	ti progress_desc	TI_MO_0 PROG_NOT_PRES
(6) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_NOT_PRES CONNECTED_NUMBER_654321 CONNECTED_PARTY_SUB_NONE
(7) SIM_SYNC_REQ	synccs	SYNC_START_CALL

History:

21-05-2002	ef	initial
20-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
14-08-2003	ef	add TCH indication

4.16.2 MFW546: Make a call from the missed call list. Left Key to display number, Send to initiate Call.

Description: An incoming call is not answered. The LSK (Read) is pressed to display the number and the Send Key to setup the call.

Preamble: MFW526

```

APL/ACI                MMI                PS
|                       |                |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                    | MNCC_SETUP_REQ    |
    |                    | *=====>*
(2) |                    | MNCC_CALL_PROCEED_IND |
    |                    | *<===== *
(3) |                    | MNCC_PROGRESS_IND  |
    |                    | *<===== *
(4) |                    | MNCC_SYNC_IND      |
    |                    | *<===== *
(5) |                    | MNCC_ALERT_IND     |
    |                    | *<===== *
(6) |                    | MNCC_SETUP_CNF     |
    |                    | *<===== *
(7) |                    | SIM_SYNC_REQ       |
    |                    | *=====>*
TIMEOUT_WAIT (4000)
|                       |                |

```

Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

(1) MNCC_SETUP_REQ	ti prio ri bcpara bcpara2 called_party called_party_sub clir_sup fac_inf	TI_MO_0 PRIO_NORM_CALL NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE CLED_PARTY_ERIC_T CLED_PARTY_SUB_NONE NOT_PRESENT_8BIT NOT_USED
(2) MNCC_CALL_PROCEED_IND	ti progress_desc ri bcpara bcpara2	TI_MO_0 PROG_END_TO_END_PLMN NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE
(3) MNCC_PROGRESS_IND	ti progress_desc	TI_MO_0 PROG_END_TO_END_PLMN
(4) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(5) MNCC_ALERT_IND	ti progress_desc	TI_MO_0 PROG_NOT_PRES
(6) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_NOT_PRES CONNECTED_NUMBER_654321 CONNECTED_PARTY_SUB_NONE
(7) SIM_SYNC_REQ	synccs	SYNC_START_CALL

## History:

22-05-2002	ef	initial
20-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
14-08-2003	ef	add TCH indication

#### 4.16.3 MFW547: From Main Menu, Recent Calls, Missed Calls, store callers number then send SMS text message.

Description: An incoming call is not answered. Afterwards the Missed Call is accessed from the Main Menu, Recent Calls and the number is stored from the Options menu. The idle screen is then returned to, the Missed Call accessed again through the Main Menu and Recent Calls and an SMS created and sent from the Options menu.

Note1: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.

Note2: When the test finishes a reserved address is accessed which causes a windows error. However just leave it, test passes ok



Preamble: MFW700

APL/ACI	MMI	PS
(1)	MNCC_SETUP_IND	
	*<=====*	
(2)	MNCC_SYNC_IND	
	*<=====*	
(3)   ACI_CMD_IND		
(msg: OK)		
*<=====*		
(4)	MNCC_ALERT_REQ	
	*=====>*	
TIMEOUT_WAIT (6000)		
(5)	MNCC_DISCONNECT_IND	
	*<=====*	
(6)	MNCC_RELEASE_IND	
	*<=====*	
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Main Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (5000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* recent calls */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* missed calls */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* options */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* store number */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		/* enter a name */
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		/* "E" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		/* "r" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		/* "i" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		/* "c" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
(7)	SIM_UPDATE_RECORD_REQ	

```

|
|                                     *=====>*
TIMEOUT_WAIT (3000)
(8) |
|                                     | SIM_UPDATE_RECORD_CNF |
|                                     *<===== *
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* back to idle screen */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* main menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* recent calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* send message */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3) /* enter text */
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=3) /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=7) /* "r" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=4) /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=2) /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Send */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(9) |                                     | MNSMS_SUBMIT_REQ |

```

```

(10) | | *=====*>*
      | | | MNSMS_SUBMIT_CNF |
      | | *<=====*<*
      | | | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_IND	ti ri bcpara bcpara2 progress_desc sig calling_party calling_party_sub called_party called_party_sub redirecting_party redirecting_party_sub	TI_MT_9 NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_SPEECH PROG_END_TO_END_PLMN SIG_DIAL_TONE_ON CLG_PARTY_01317180537 CLG_PARTY_SUB CLEP_PARTY_654321 CLEP_PARTY_SUB RED_PARTY RED_PARTY_SUB
(2) MNCC_SYNC_IND	ti cause chm	TI_MT_9 MNCC_CAUSE_CHANNEL_SYNC CH_SIG_ONLY
(3) ACI_CMD_IND	cmd_len cmd_seq	LM_RING_LEN M_RING
(4) MNCC_ALERT_REQ	ti	TI_MT_9
(5) MNCC_DISCONNECT_IND	ti cause diagnostic progress_desc	TI_MT_9 MNCC_CAUSE_UNSPECIFIED NOT_PRESENT_8BIT PROG_NOT_PRES
(6) MNCC_RELEASE_IND	ti cause	TI_MT_9 MNCC_CAUSE_USER_BUSY
(7) SIM_UPDATE_RECORD_REQ	source datafield record length linear_data	SRC_MMI SIM_ADN PHB_RECORD_7 PHB_LENGTH_ADN PHB_ADN_RECORD_ERIC_MT_SAVE
(8) SIM_UPDATE_RECORD_CNF	datafield record cause	SIM_ADN PHB_RECORD_7 SIM_NO_ERROR
(9) MNSMS_SUBMIT_REQ	mem_type rec_num condx modify sms_sdu	MEM_SM NUM_0 SMS_CONDX_OVR_NON SMS_MODIFY_NON SMS_SDU_MISSED_CALLS

(10) MNSMS\_SUBMIT\_CNF

mem_type	MEM_SM
rec_num	SMS_RECORD_NOT_EXIST
cause	SMS_NO_ERROR
tp_mr	NUM_2
sms_sdu	SMS_SDU_EMPTY

## History:

23-06-2003	dr	initial
08-07-2003	ef	initialise the SMS parameters first ie new preamble
19-08-2003	ef	skip over the special chars à and á. Remove later.
09-10-2003	ef	remove the chars à and á.

## 4.17 MMI Component Tests case : Main Menu, Messages, Voicemail, Set Voicemail

### 4.17.1 MFW548: Set the Voicemail options (number), then call Voicemail.

Description: .Main Menu, Messages, VoiceMail, Set VoiceMail, enter voicemail number (121) and accept, Menu up 1 and call Voicemail to setup the call. Clear down the call afterwards.

Preamble: MFW430

```

APL/ACI                      MMI                      PS
|                             |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Main Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Messages */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Voice Mail */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Set Voice Mail */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)                    /* Enter Number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=UP)                    /* Voice Mail */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Calling 121 */
(1) |                               | MNCC_SETUP_REQ |
|                               | *=====>*
(2) |                               | SIM_SYNC_REQ  |
|                               | *=====>*
(3) |                               | MNCC_SETUP_CNF |
|                               | *<=====*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=END)
(4) |                               | SIM_SYNC_REQ  |
|                               | *=====>*
(5) |                               | MNCC_DISCONNECT_REQ |
|                               | *=====>*
(6) |                               | MNCC_RELEASE_IND |
|                               | *<=====*
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)

```

```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)
|
|
|

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_VOICEMBX
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) MNCC_SETUP_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_NOT_PRES
	connected_number	CONNECTED_NUMBER_654321
	connected_number_sub	CONNECTED_PARTY_SUB_NONE
(4) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(5) MNCC_DISCONNECT_REQ	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(6) MNCC_RELEASE_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR

**History:**

22-05-2002	ef	initial
20-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
20-12-2002	ef	update the cause value for MNCC_DISCONNECT_REQ
26-09-2003	ef	SIM_SYNC_REQ after the Setup Req

#### 4.17.2 MFW550: Call Voicemail using the "1" key.

Description: .Using the hot key "1", long press, and setup the voice call. Clear the call afterwards..

Preamble: MFW548

```

APL/ACI                      MMI                      PS
|                             |                             |
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_PRESS=1)
TIMEOUT_WAIT (2000)
(1) |                             | MNCC_SETUP_REQ           |
|                             | *=====>*              |
(2) |                             | SIM_SYNC_REQ             |
|                             | *=====>*              |
(3) |                             | MNCC_SETUP_CNF          |
|                             | *<=====*              |
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=END)
(4) |                             | SIM_SYNC_REQ             |
|                             | *=====>*              |
(5) |                             | MNCC_DISCONNECT_REQ      |
|                             | *=====>*              |
(6) |                             | MNCC_RELEASE_IND         |
|                             | *<=====*              |
|                             |                             |

```

#### Parametrization:

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_VOICEMBX
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) MNCC_SETUP_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_NOT_PRES
	connected_number	CONNECTED_NUMBER_654321
	connected_number_sub	CONNECTED_PARTY_SUB_NONE
(4) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(5) MNCC_DISCONNECT_REQ	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED



TIMEOUT\_WAIT (2000)

| | |

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
------------------	------------------	--------------

## History:

22-05-2002	ef	initial
29-01-2003	ef	change menu structure

#### 4.18.2 MFW554: Auto Redial when called party is busy.

Description: A MO call is setup and is rejected by the Network. Because auto redial is "on", a 2<sup>nd</sup> attempt is automatically made.

Preamble: MFW552

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		/* Enter Number */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)		
(1)	MNCC_SETUP_REQ	
	*=====> *	
(2)	SIM_SYNC_REQ	
	*=====> *	
(3)	MNCC_DISCONNECT_IND	
	*<===== *	
(4)	MNCC_RELEASE_CNF	
	*<===== *	
(5)	SIM_SYNC_REQ	
	*=====> *	
(6)	SIM_SYNC_CNF	
	*<===== *	
(7)	MNCC_SETUP_REQ	
	*=====> *	
(8)	SIM_SYNC_REQ	
	*=====> *	
(9)	MNCC_CALL_PROCEED_IND	
	*<===== *	
(10)	MNCC_SYNC_IND	
	*<===== *	
(11)	MNCC_ALERT_IND	
	*<===== *	
(12)	MNCC_SETUP_CNF	
	*<===== *	
(13)	SIM_SYNC_CNF	
	*<===== *	
TIMEOUT_WAIT (10000)		

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) MNCC_DISCONNECT_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_USER_BUSY
	diagnostic	NOT_PRESENT_8BIT
	progress_desc	PROG_NOT_PRES
(4) MNCC_RELEASE_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_USER_BUSY
(5) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(6) SIM_SYNC_CNF	cause	SIM_NO_ERROR
(7) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(8) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(9) MNCC_CALL_PROCEED_IND	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
bcpara2	BC_PARA_NO_SERVICE	
(10) MNCC_SYNC_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_MODE_SPEECH_TCH_F
(11) MNCC_ALERT_IND	ti	TI_MO_0
	progress_desc	PROG_NOT_PRES

(12) MNCC\_SETUP\_CNF

ti	TI_MO_0
cause	MNCC_CAUSE_SUCCESS
progress_desc	PROG_NOT_PRESENT
connected_number	CONNECTED_NUMBER_01317180537
connected_number_sub	CONNECTED_PARTY_SUB_NONE

(13) SIM\_SYNC\_CNF

cause	SIM_NO_ERROR
-------	--------------

## History:

22-05-2002	ef	initial
21-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
15-01-2003	ef	add cause to SIM_SYNC_CNF
14-08-2003	ef	add TCH indication

#### 4.18.3 MFW556: Override Auto Redial by calling immediately, then Cancel re-dial.

Description: .A MO call is setup and is rejected by the Network. Because auto redial is "on", a 2<sup>nd</sup> attempt is automatically made. However the re-attempt is initiated immediately. This is then cancelled and a return to Idle.

Preamble: MFW552

```

APL/ACI                      MMI                      PS
|                              |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=0)          /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                               | MNCC_SETUP_REQ          |
|                               | *=====>*            |
(2) |                               | SIM_SYNC_REQ           |
|                               | *=====>*            |
TIMEOUT_WAIT (3000)
(3) |                               | MNCC_CALL_PROCEED_IND  |
|                               | *<=====*            |
(4) |                               | MNCC_ALERT_IND         |
|                               | *<=====*            |
(5) |                               | MNCC_DISCONNECT_IND    |
|                               | *<=====*            |
(6) |                               | MNCC_RELEASE_CNF       |
|                               | *<=====*            |
(7) |                               | SIM_SYNC_REQ           |
|                               | *=====>*            |
(8) |                               | SIM_SYNC_CNF           |
|                               | *<=====*            |
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(9) |                               | MNCC_SETUP_REQ          |
|                               | *=====>*            |
(10) |                              | SIM_SYNC_REQ           |
|                              | *=====>*            |
(11) |                              | MNCC_CALL_PROCEED_IND  |
|                              | *<=====*            |
(12) |                              | MNCC_ALERT_IND         |
|                              | *<=====*            |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
(13) |                              | SIM_SYNC_REQ           |

```

```

|
(14) | * =====> *
| | MNCC_DISCONNECT_REQ |
| | * =====> *
(15) | | MNCC_RELEASE_IND |
| | * <===== *
| |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) MNCC_CALL_PROCEED_IND	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
(4) MNCC_ALERT_IND	ti	TI_MO_0
	progress_desc	PROG_NOT_PRES
(5) MNCC_DISCONNECT_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_USER_BUSY
	diagnostic	NOT_PRESENT_8BIT
	progress_desc	PROG_NOT_PRES
(6) MNCC_RELEASE_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_USER_BUSY
(7) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(8) SIM_SYNC_CNF	cause	SIM_NO_ERROR
(9) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED



(10) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(11) MNCC_CALL_PROCEED_IND	ti progress_desc ri bcpara bcpara2	TI_MO_0 PROG_END_TO_END_PLMN NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_NO_SERVICE
(12) MNCC_ALERT_IND	ti progress_desc	TI_MO_0 PROG_NOT_PRES
(13) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(14) MNCC_DISCONNECT_REQ	ti cause fac_inf ss_version	TI_MO_0 MNCC_CAUSE_CALL_CLEAR NOT_USED NOT_USED
(15) MNCC_RELEASE_IND	ti cause	TI_MO_0 MNCC_CAUSE_CALL_CLEAR

## History:

23-05-2002	ef	initial
21-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	add to payload of MNCC_DISCONNECT_REQ
20-12-2002	ef	update the cause value for MNCC_DISCONNECT_REQ
15-01-2003	ef	add cause to SIM_SYNC_CNF

**4.18.4 MFW558: During a call, increase / decrease the Volume.**

Description: .The Volume up and Vol down keys are pressed during a MO call. However the low level calls to the Drivers are simulated.

Preamble: MFW500

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=VOL_PLUS)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE= VOL_PLUS)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE= VOL_PLUS)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=VOL_MINUS)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE= VOL_MINUS)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE= VOL_MINUS)		

**Parametrization:**





```

(1) | | | MMI_RXLEV_IND |
| | | *<===== *
(2) | | | GMMREG_CIPHERING_IND |
| | | *<===== *
(3) | | | MNCC_SETUP_IND |
| | | *<===== *
(4) | | | MNCC_SYNC_IND |
| | | *<===== *
(5) | | ACI_CMD_IND |
| | (msg: OK) |
| | *<===== *
(6) | | | MNCC_ALERT_REQ |
| | | *===== > *
(7) | | | MMI_RXLEV_IND |
| | | *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
(8) | | | MNCC_SETUP_RES |
| | | *===== > *
(9) | | | SIM_SYNC_REQ |
| | | *===== > *
(10) | | | MNCC_SYNC_IND |
| | | *<===== *
(11) | | | MNCC_SETUP_COMPL_IND |
| | | *<===== *
TIMEOUT_WAIT (4000)
| | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MMI_RXLEV_IND	rxlev	NUM_8
(2) GMMREG_CIPHERING_IND	gsm_ciph gprs_ciph	CIPH_ON CIPH_ON
(3) MNCC_SETUP_IND	ti ri bcpara bcpara2 progress_desc sig calling_party calling_party_sub called_party called_party_sub redirecting_party redirecting_party_sub	TI_MT_9 NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_SPEECH PROG_END_TO_END_PLMN SIG_DIAL_TONE_ON CLG_PARTY_01317180537 CLG_PARTY_SUB CLEL_PARTY_654321 CLEL_PARTY_SUB RED_PARTY RED_PARTY_SUB
(4) MNCC_SYNC_IND	ti cause chm	TI_MT_9 MNCC_CAUSE_CHANNEL_SYNC CH_SIG_ONLY
(5) ACI_CMD_IND	cmd_len cmd_seq	LM_RING_LEN M_RING



(6)	MNCC_ALERT_REQ	ti	TI_MT_9
(7)	MMI_RXLEV_IND	rxlev	NUM_8
(8)	MNCC_SETUP_RES	ti	TI_MT_9
(9)	SIM_SYNC_REQ	synccs	SYNC_START_CALL
(10)	MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(11)	MNCC_SETUP_COMPL_IND	ti cause	TI_MT_9 MNCC_CAUSE_SUCCESS

## History:

24-05-2002	ef	initial
22-08-2002	ef	remove MMI_SPEECH_MODE_REQ signal
14-11-2002	ef	change the MNCC_SETUP_IND payload
20-12-2002	ef	updated cause in MNCC_SYNC_IND
14-08-2003	ef	add TCH indication
20-08-2003	ef	correct the menu for any key answer

## 4.20 MMI Component Tests case : Conference Call

### 4.20.1 MFW562: Start a Multiparty Call from the in-calls option Menu, then Split into a private call. Finally Retrieve the call.

Description: One active MO call, one Held MO call. From the in-calls option menu, choose Conference. Both calls are now Active. After a short delay the Conference call is split by Selecting the In Call screen and the first option PRIVATE. The 2<sup>nd</sup> call is now on Hold.

After a short delay, from the in-calls options menu, the Private call is then Retrieved, by the SWAP option.

Note: This test case will need all the menu Down keys deleted after "Conference" is added to the options menu.

Preamble: MFW538

```

APL/ACI                      MMI                      PS
|                             |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Conference */
(1) |                          | MNCC_FACILITY_REQ |
|                             | *=====> *
(2) |                          | MNCC_SYNC_REQ   |
|                             | *=====> *
(3) |                          | MNCC_FACILITY_IND |
|                             | *<===== *
(4) |                          | MNCC_SYNC_REQ   |
|                             | *=====> *
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Private */
(5) |                          | MNCC_FACILITY_REQ |
|                             | *=====> *
(6) |                          | MNCC_SYNC_REQ   |
|                             | *=====> *
(7) |                          | MNCC_FACILITY_IND |
|                             | *<===== *
(8) |                          | MNCC_SYNC_REQ   |
|                             | *=====> *
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Swap */
(9) |                          | MNCC_HOLD_REQ   |
|                             | *=====> *
(10) |                          | MNCC_HOLD_CNF  |
|                             | *<===== *
(11) |                          | MNCC_FACILITY_REQ |
|                             | *=====> *
(12) |                          | MNCC_SYNC_REQ   |
|                             | *=====> *
(13) |                          | MNCC_FACILITY_IND |
|                             | *<===== *
(14) |                          | MNCC_SYNC_REQ   |
|                             | *=====> *
|                             |

```

#### Parametrization:

Primitive	Parameter	Value
(1) MNCC_FACILITY_REQ	ti	TI_MO_1
	fac_inf	FAC_MULTIPARTY
	ss_version	NOT_USED
(2) MNCC_SYNC_REQ	synccs	SYNCCS_MPTY_EVENT

	ti mpty_event	TI_MO_1 MPTY_BUILD_SENT
(3) MNCC_FACILITY_IND	ti fac_context fac_inf	TI_MO_1 FAC_IN_FACILITY MULTIPARTY_RETURN_RESULT
(4) MNCC_SYNC_REQ	synccs ti mpty_event	SYNCCS_MPTY_EVENT TI_MO_1 MPTY_BUILD_SUCCESS
(5) MNCC_FACILITY_REQ	ti fac_inf ss_version	TI_MO_1 FAC_MULTIPARTY_SPLIT NOT_USED
(6) MNCC_SYNC_REQ	synccs ti mpty_event	SYNCCS_MPTY_EVENT TI_MO_1 MPTY_SPLIT_SENT
(7) MNCC_FACILITY_IND	ti fac_context fac_inf	TI_MO_1 FAC_IN_FACILITY MULTIPARTY_SPLIT_RETURN_RESULT
(8) MNCC_SYNC_REQ	synccs ti mpty_event	SYNCCS_MPTY_EVENT TI_MO_1 MPTY_SPLIT_SUCCESS
(9) MNCC_HOLD_REQ	ti	TI_MO_1
(10) MNCC_HOLD_CNF	ti cause	TI_MO_1 MNCC_CAUSE_HOLD_SUCCESS
(11) MNCC_FACILITY_REQ	ti fac_inf ss_version	TI_MO_0 FAC_MULTIPARTY_RETRIEVE NOT_USED
(12) MNCC_SYNC_REQ	synccs ti mpty_event	SYNCCS_MPTY_EVENT TI_MO_0 MPTY_RETRIEVE_SENT
(13) MNCC_FACILITY_IND	ti fac_context fac_inf	TI_MO_0 FAC_IN_FACILITY MULTIPARTY_RETRIEVE_RETURN_RESULT
(14) MNCC_SYNC_REQ	synccs ti mpty_event	SYNCCS_MPTY_EVENT TI_MO_0 MPTY_RETRIEVE_SUCCESS

## History:

14-05-2003	ef	initial
08-07-2003	ef	change to in call menu

## 4.21 MMI Component Tests case : Advice of Charge

### 4.21.1 MFW564: Mobile Originated Call with Forward Advice of Charge Information

Description: An outgoing call is setup and the network sends AOCI information to the mobile.

Preamble: MFW490

```

      APL                      ACI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=0)                /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                               | MNCC_SETUP_REQ |
    |                               | *=====>*
(2) |                               | SIM_SYNC_REQ  |
    |                               | *=====>*
(3) |                               | SIM_SYNC_CNF  |
    |                               | *<===== *
(4) |                               | MNCC_CALL_PROCEED_IND |
    |                               | *<===== *
(5) |                               | MNCC_SYNC_IND |
    |                               | *<===== *
(6) |                               | MNCC_FACILITY_IND |
    |                               | *<===== *
TIMEOUT_WAIT (2000)
(7) |                               | MNCC_ALERT_IND |
    |                               | *<===== *
(8) |                               | MNCC_SETUP_CNF |
    |                               | *<===== *

TIMEOUT_WAIT (3000)
      |                        |                        |

```

Parametrization:

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clr_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
	cause	SIM_NO_ERROR
(3) SIM_SYNC_CNF	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
(4) MNCC_CALL_PROCEED_IND	bcpara2	BC_PARA_NO_SERVICE
	ti	TI_MO_0
	cause	MNCC_CAUSE_CHANNEL_SYNC
	chm	CH_MODE_SPEECH_TCH_F
(5) MNCC_SYNC_IND	ti	TI_MO_0
	fac_context	FAC_IN_CONNECT
	fac_inf	FAC_AOCI
(6) MNCC_ALERT_IND	ti	TI_MO_0
	progress_desc	PROG_NOT_PRES
(7) MNCC_SETUP_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_NOT_PRES
	connected_number	CONNECTED_NUMBER_01317180537
	connected_number_sub	CONNECTED_PARTY_SUB_NONE

## History:

17-04-2002	ef	initial
03-05-2002	ef	Add Alert Indication and Call Proceed Indication
13-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal
14-08-2003	ef	add TCH indication

## 4.22 MMI Component Tests case : Main Menu, Phone Settings, set Auto Answer On

### 4.22.1 MFW566: Set the Auto Answer On. Incoming MT call is connected.

Description: From the idle screen, Menu, Phone Settings, Set Any Auto Answer On. An incoming MT call is indicated and accepted automatically.

Preamble: MFW700



```

(11) | | MNCC_SETUP_COMPL_IND |
      | | * <===== *
TIMEOUT_WAIT (4000)
      | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MMI_RXLEV_IND	rxlev	NUM_8
(2) GMMREG_CIPHERING_IND	gsm_ciph gprs_ciph	CIPH_ON CIPH_ON
(3) MNCC_SETUP_IND	ti ri bcpara bcpara2 progress_desc sig calling_party calling_party_sub called_party called_party_sub redirecting_party redirecting_party_sub	TI_MT_9 NOT_PRESENT_8BIT BC_PARA_SPEECH BC_PARA_SPEECH PROG_END_TO_END_PLMN SIG_DIAL_TONE_ON CLG_PARTY_01317180537 CLG_PARTY_SUB CLED_PARTY_654321 CLED_PARTY_SUB RED_PARTY RED_PARTY_SUB
(4) MNCC_SYNC_IND	ti cause chm	TI_MT_9 MNCC_CAUSE_CHANNEL_SYNC CH_SIG_ONLY
(5) ACI_CMD_IND	cmd_len cmd_seq	LM_RING_LEN M_RING
(6) MNCC_ALERT_REQ	ti	TI_MT_9
(7) MMI_RXLEV_IND	rxlev	NUM_8
(8) MNCC_SETUP_RES	ti	TI_MT_9
(9) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(10) MNCC_SYNC_IND	ti cause chm	TI_MT_9 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(11) MNCC_SETUP_COMPL_IND	ti cause	TI_MT_9 MNCC_CAUSE_SUCCESS

**History:**

20-08-2003 ef initial

#### 4.22.2 MFW568: Main Menu, Phone Settings, Change the Language.

Description: From the idle screen, Menu, Phone Settings, Language, change to German.

Preamble: MFW700

```

      APL/ACI                      MMI                      PS
      |                              |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Phone Settings */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Language */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* German */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Back to Idle */
TIMEOUT_WAIT (4000)
      |                              |                      |

```

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History:

29-09-2003	ef	initial
------------	----	---------

## 4.23 MMI Component Tests case : Keypad Lock

### 4.23.1 MFW570: Keypad Locked, make an Emergency Call.

Description: From Idle mode, lock keypad then key in the Emergency phone number and accept. An outgoing call is setup. Afterwards the call is cleared down.

Preamble: MFW430

```

APL/ACI                      MMI                      PS
|                             |                             |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (500)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)                /* keypad lock */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                             | MNCC_SETUP_REQ          |
|                             | *=====> *
(2) |                             | SIM_SYNC_REQ           |
|                             | *=====> *
(3) |                             | MNCC_SYNC_IND         |
|                             | *<===== *
(4) |                             | MNCC_SETUP_CNF        |
|                             | *<===== *
(5) |                             | SIM_SYNC_CNF          |
|                             | *<===== *
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=END)
(6) |                             | SIM_SYNC_REQ           |
|                             | *=====> *
(7) |                             | MNCC_DISCONNECT_REQ   |
|                             | *=====> *
(8) |                             | MNCC_RELEASE_IND      |
|                             | *<===== *
TIMEOUT_WAIT (3000)
|                             |                             |

```

#### Parametrization:

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_EMERG_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_112
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED



(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(3) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CH_MODE_SPEECH_TCH_F
(4) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_END_TO_END_PLMN CONNECTED_NUMBER_112 CONNECTED_PARTY_SUB_NONE
(5) SIM_SYNC_CNF	cause	SIM_NO_ERROR
(6) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(7) MNCC_DISCONNECT_REQ	ti cause fac_inf ss_version	TI_MO_0 MNCC_CAUSE_CALL_CLEAR NOT_USED NOT_USED
(8) MNCC_RELEASE_IND	ti cause	TI_MO_0 MNCC_CAUSE_CALL_CLEAR

## History:

29-09-2003 ef initial

**4.23.2 MFW572: Keypad Locked, make a MO Call.**

Description: From Idle mode, lock keypad then key in the phone number and accept. No call is set up

Preamble: MFW430

```

APL/ACI                               MMI                               PS
|                                     |                               |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (500)
COMMAND (MMI CONFIG KEY_SEQUENCE=*)           /* keypad lock */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=<01317180537>)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
TIMEOUT_WAIT (3000)
|                                     |                               |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

30-09-2003 ef initial

## 4.24 MMI Component Tests - case : GSM Command Strings. Supplementary services: Call Divert.

### 4.24.1 MFW580: SS GSM Command String, enter string to Call Forward(Diversion) All Calls.

Description: .Setup the Register and Activate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		

#### Parametrization:

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
------------------	------------------	--------------

History:

29-05-2002 ef initial

**4.24.2 MFW582: SS GSM Command String, enter string to Call Forward(Diversion) If Busy.**

Description: . Setup the Register and Activate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

29-05-2002 ef initial

**4.24.3 MFW584: SS GSM Command String, enter string to Call Forward(Diversion) If No Reply.**

Description: . Setup the Register and Activate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

29-05-2002 ef initial

#### 4.24.4 MFW586: SS GSM Command String, enter string to Call Forward(Diversion) If Not Reachable.

Description: . Setup the Register and Activate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History:

29-05-2002 ef initial

#### 4.24.5 MFW588: SS GSM Command String, enter string to Call Forward(Diversion) All configured call diversions.

Description: . Setup the Register and Activate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History:

29-05-2002 ef initial

**4.24.6 MFW590: SS GSM Command String, enter string to Call Forward(Diversion) All Diverts to be activated.**

Description: . Setup the Register and Activate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
------------------	------------------	--------------

History:

29-05-2002 ef initial

**4.24.7 MFW592: SS GSM Command String, enter string to Call Forward(Diversion) Unconditionally divert all calls.**

Description: . Setup the Register and Activate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
------------------	------------------	--------------

History:

29-05-2002 ef initial

**4.24.8 MFW600: SS GSM Command String, Call Forward(Diversion). Enter Diverting number.**

Description: .As part of the GSM command string, enter the number to Divert to.

- A: All Calls
- B: If Busy
- C: If no reply
- D: If not reachable
- E: All configured Call Diversions
- F: All Diverts to be activated
- G: Unconditionally divert all calls

Variants: &lt;A&gt;...&lt;G&gt;

Preamble: <A>MF W580  
 <B>MF W582  
 <C>MF W584  
 <D>MF W586  
 <E>MF W588  
 <F>MF W590  
 <G>MF W592

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History: 30-05-2002 ef initial

**4.24.9 MFW602: SS GSM Command String, Register various Call Forward(Diversions) for Voice.**

Description: .Send a Call Independent Supervisory Service, for Call Forwarding.forVoice for various conditions ie

- A: All Calls
- B: If Busy
- C: If no reply
- D: If not reachable
- E: All conditional Call Diversions
- F: All Diverts to be activated
- G: Unconditionally divert all calls

Variants: <A>...<G>

Preamble: <A>MFW600A  
 <B>MFW600B  
 <C>MFW600C  
 <D>MFW600D  
 <E>MFW600E  
 <F>MFW600F  
 <G>MFW600G

```

APL/ACI                               MMI                               PS
|                                     |                               |
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                                     | MNSS_BEGIN_REQ |
    |                                     | *=====> *
(2) |                                     | MNSS_END_IND  |
    |                                     | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (2000)
|                                     |                               |
    
```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
<A>	fac_inf	FAC_DIVERT_ALLCALLS_V
<B>	fac_inf	FAC_DIVERT_IFBUSY_V
<C>	fac_inf	FAC_DIVERT_IFNOREPLY_V
<D>	fac_inf	FAC_DIVERT_IFNOTREACHABLE_V
<E>	fac_inf	FAC_DIVERT_ALLCONFIGURED_V
<F>	fac_inf	FAC_DIVERT_ALLDIVERS_V



<G>	fac_inf ss_ver	FAC_DIVERT_UNCONDITIONALLY_V VERSION_SS
(2) MNSS_END_IND	ti cause fac_inf	TI_MO_0 MNSS_CAUSE_CALL_CLEAR CALL_FORWARD_RETURN_RESULT

History:

30-05-2002	ef	initial
04-06-2003	ef	change for voice

4.24.10 MFW650: SS GSM Command String, Register various Call Forward(Diversions) for FAX.

Description: .Send a Call Independent Supervisory Service, for Call Forwarding.forFAX for various conditions ie.

- A: All Calls
- B: If Busy
- C: If no reply
- D: If not reachable
- E: All conditional Call Diversions
- F: All Diverts to be activated
- G: Unconditionally divert all calls

Variants: <A>...<G>

Preamble:

- <A>MF W600A
- <B>MF W600B
- <C>MF W600C
- <D>MF W600D
- <E>MF W600E
- <F>MF W600F
- <G>MF W600G

```

      APL/ACI                               MMI                               PS
      |                                       |                               |
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                                       | MNSS_BEGIN_REQ |
    |                                       | *=====> *
(2) |                                       | MNSS_END_IND  |
    |                                       | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSoft)
TIMEOUT_WAIT (2000)
      |                                       |                               |

```

Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

## (1) MNSS\_BEGIN\_REQ

	ti	TI_MO_0
<A>	fac_inf	FAC_DIVERT_ALLCALLS_F
<B>	fac_inf	FAC_DIVERT_IFBUSY_F
<C>	fac_inf	FAC_DIVERT_IFNOREPLY_F
<D>	fac_inf	FAC_DIVERT_IFNOTREACHABLE_F
<E>	fac_inf	FAC_DIVERT_ALLCONFIGURED_F
<F>	fac_inf	FAC_DIVERT_ALLDIVERTS_F
<G>	fac_inf	FAC_DIVERT_UNCONDITIONALLY_F
	ss_ver	VERSION_SS

## (2) MNSS\_END\_IND

	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

## History:

30-05-2002	ef	initial
04-06-2003	ef	change for fax

**4.24.11 MFW652: SS GSM Command String, Register various Call Forward(Diversions) for Data.**

Description: .Send a Call Independent Supervisory Service, for Call Forwarding.forData for various conditions ie.

- A: All Calls
- B: If Busy
- C: If no reply
- D: If not reachable
- E: All conditional Call Diversions
- F: All Diverts to be activated
- G: Unconditionally divert all calls

Variants: <A>...<G>



Preamble: <A>MF W600A  
 <B>MF W600B  
 <C>MF W600C  
 <D>MF W600D  
 <E>MF W600E  
 <F>MF W600F  
 <G>MF W600G

```

APL/ACI                                     MMI                                     PS
|                                           |                                           |
COMMAND (MMI CONFIG KEY_SEQUENCE=*)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                                     | MNSS_BEGIN_REQ |
    |                                     | *=====>*
(2) |                                     | MNSS_END_IND  |
    |                                     | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSoft)
TIMEOUT_WAIT (2000)
|                                           |                                           |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
<A>	fac_inf	FAC_DIVERT_ALLCALLS_D
<B>	fac_inf	FAC_DIVERT_IFBUSY_D
<C>	fac_inf	FAC_DIVERT_IFNOREPLY_D
<D>	fac_inf	FAC_DIVERT_IFNOTREACHABLE_D
<E>	fac_inf	FAC_DIVERT_ALLCONFIGURED_D
<F>	fac_inf	FAC_DIVERT_ALLDIVERTS_D
<G>	fac_inf	FAC_DIVERT_UNCONDITIONALLY_D
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

## History:

30-05-2002	ef	initial
04-06-2003	ef	change for data

**4.24.12 MFW654: SS GSM Command String, enter string to De-Register All Calls.**

Description: .setup the deactivate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (1000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

## History:

06-06-2003	ef	initial
------------	----	---------

**4.24.13 MFW655: SS GSM Command String, enter string to De-Register All Calls Unconditionally.**

Description: .Setup the deactivate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

06-06-2003 ef initial

**4.24.14 MFW656: SS GSM Command String, enter string to De-Register if Busy.**

Description: .Setup the deactivate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=6)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

06-06-2003 ef initial

**4.24.15 MFW657: SS GSM Command String, enter string to De-Register if No Reply.**

Description: .Setup the deactivate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=6)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

06-06-2003 ef initial

**4.24.16 MFW658: SS GSM Command String, enter string to De-Register all Configured calls.**

Description: .Setup the deactivate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (1000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

06-06-2003 ef initial

**4.24.17 MFW659: SS GSM Command String, enter string to De-Register if Not Reachable.**

Description: .Setup the deactivate string.

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (1000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

06-06-2003 ef initial

**4.24.18 MFW660: SS GSM Command String, enter string for Voice.**

Description: .Setup string, for Erasing Call Forwarding.for Voice for various conditions ie.

A: All Calls  
 B: All Unconditional calls  
 C: If busy calls  
 D: If no Reply  
 E: All Configured calls  
 F: All not Reachable

Variants: &lt;A&gt;...&lt;F&gt;

Preamble: <A>MF W654  
 <B>MF W655  
 <C>MF W656  
 <D>MF W657  
 <E>MF W658  
 <F>MF W659

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

06-06-2003 ef initial

**4.24.19 MFW662: SS GSM Command String, enter string for Fax.**

Description: .Setup string, for Erasing Call Forwarding.for FAX for various conditions ie.

A: All Calls  
 B: All Unconditional calls  
 C: If busy calls  
 D: If no Reply  
 E: All Configured calls  
 F: All not Reachable

Variants: &lt;A&gt;...&lt;F&gt;



Preamble: <A>MF W654  
 <B>MF W655  
 <C>MF W656  
 <D>MF W657  
 <E>MF W658  
 <F>MF W659

APL/ACI		MMI		PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)				
TIMEOUT_WAIT (1000)				
COMMAND (MMI CONFIG KEY_SEQUENCE=*)				
TIMEOUT_WAIT (1000)				
COMMAND (MMI CONFIG KEY_SEQUENCE=1)				
TIMEOUT_WAIT (1000)				
COMMAND (MMI CONFIG KEY_SEQUENCE=3)				
TIMEOUT_WAIT (1000)				
COMMAND (MMI CONFIG KEY_SEQUENCE=#)				
TIMEOUT_WAIT (1000)				

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
------------------	------------------	--------------

History: 06-06-2003 ef initial

**4.24.20 MFW664: SS GSM Command String, enter string for Data.**

Description: .Setup string, for Erasing Call Forwarding, for Data for various conditions ie.

- A: All Calls
- B: All Unconditional calls
- C: If busy calls
- D: If no Reply
- E: All Configured calls
- F: All not Reachable

Variants: <A>...<F>



Preamble: <A>MF W654  
 <B>MF W655  
 <C>MF W656  
 <D>MF W657  
 <E>MF W658  
 <F>MF W659

APL/ACI		MMI		PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)				
TIMEOUT_WAIT (1000)				
COMMAND (MMI CONFIG KEY_SEQUENCE=*)				
TIMEOUT_WAIT (1000)				
COMMAND (MMI CONFIG KEY_SEQUENCE=2)				
TIMEOUT_WAIT (1000)				
COMMAND (MMI CONFIG KEY_SEQUENCE=0)				
TIMEOUT_WAIT (1000)				
COMMAND (MMI CONFIG KEY_SEQUENCE=#)				
TIMEOUT_WAIT (1000)				

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
------------------	------------------	--------------

History: 06-06-2003 ef initial

**4.24.21 MFW666: SS GSM Command String, De-register various Call Forward(Diversions) for Voice, FAX and Data.**

Description: .Send a Call Independent Supervisory Service, for Erasing Call Forwarding.for various conditions ie.

- VOICE A-F
- A: All Calls
- B: All unconditional Call Diversions
- C: If Busy
- D: If no reply
- E: All configured Call Diversions
- F: If not reachable
- FAX G-L
- DATA M-R

Variants: <A>...<G>



Preamble: <A>MF W660A  
 <B>MF W660B  
 <C>MF W660C  
 <D>MF W660D  
 <E>MF W660E  
 <F>MF W660F  
 <G>MF W662A  
 <H>MF W662B  
 <I>MF W662C  
 <J>MF W662D  
 <K>MF W662E  
 <L>MF W662F  
 <M>MF W664A  
 <N>MF W664B  
 <O>MF W664C  
 <P>MF W664D  
 <Q>MF W664E  
 <R>MF W664F

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)		
(1)	MNSS_BEGIN_REQ	
	*=====>*	
(2)	MNSS_END_IND	
	*<=====*	
TIMEOUT_WAIT (6000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		

Parametrization:

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ		
<A>	ti	TI_MO_0
<B>	fac_inf	FAC_ERASE_ALLDIVERTS_V
<C>	fac_inf	FAC_ERASE_UNCONDITIONALLY_V
<D>	fac_inf	FAC_ERASE_IFBUSY_V
<E>	fac_inf	FAC_ERASE_IFNOREPLY_V
<F>	fac_inf	FAC_ERASE_ALLCONFIGURED_V
<G>	fac_inf	FAC_ERASE_IFNOTREACHABLE_V
<H>	fac_inf	FAC_ERASE_ALLDIVERTS_F
<I>	fac_inf	FAC_ERASE_UNCONDITIONALLY_F
<J>	fac_inf	FAC_ERASE_IFBUSY_F
<K>	fac_inf	FAC_ERASE_IFNOREPLY_F
<L>	fac_inf	FAC_ERASE_ALLCONFIGURED_F
<M>	fac_inf	FAC_ERASE_IFNOTREACHABLE_F
<N>	fac_inf	FAC_ERASE_ALLDIVERTS_D
<O>	fac_inf	FAC_ERASE_UNCONDITIONALLY_D
<P>	fac_inf	FAC_ERASE_IFBUSY_D
<Q>	fac_inf	FAC_ERASE_IFNOREPLY_D
<R>	fac_inf	FAC_ERASE_ALLCONFIGURED_D
	ss_ver	VERSION_SS
(2) MNSS_END_IND		
	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

## History:

30-05-2002	ef	initial
04-06-2003	ef	change for data

**4.24.22 MFW604: SS GSM Command String, Register and Activate Call Forward(Diversion) for Voice, Fax and Data.**

Description: Send a Call Independent Supervisory Service, for Call Forwarding. The Network responds by sending Activated containing a Release Complete message which is passed to the MMI.

A: All Calls  
 B: If Busy  
 C: If no reply  
 D: If not reachable  
 E: All configured Call Diversions  
 F: All Divers to be activated  
 G: Unconditionally divert all calls

Variants: <A>...<G>

Preamble: <A>MF W600A  
 <B>MF W600B  
 <C>MF W600C  
 <D>MF W600D  
 <E>MF W600E  
 <F>MF W600F  
 <G>MF W600G

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)		
(1)	MNSS_BEGIN_REQ	
	*=====>*	
(2)	MNSS_END_IND	
	*<=====*	
TIMEOUT_WAIT (6000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)		
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ		
	ti	TI_MO_0
<A>	fac_inf	FAC_DIVERT_ALLCALLS
<B>	fac_inf	FAC_DIVERT_IFBUSY
<C>	fac_inf	FAC_DIVERT_IFNOREPLY
<D>	fac_inf	FAC_DIVERT_IFNOTREACHABLE
<E>	fac_inf	FAC_DIVERT_ALLCONFIGURED
<F>	fac_inf	FAC_DIVERT_ALLDIVERTS
<G>	fac_inf	FAC_DIVERT_UNCONDITIONALLY
	ss_ver	VERSION_SS
(2) MNSS_END_IND		
	ti	TI_MO_0

cause  
fac\_inf

MNSS\_CAUSE\_CALL\_CLEAR  
CALL\_FORWARD\_RETURN\_RESULT

## History:

11-06-2002	ef	initial
29-01-2003	ef	change cause in MNCC_END_IND
23-04-2003	ef	update the facility msg from the network

**4.24.23 MFW606: SS GSM Command String, Deactivate Call Forward(Diversion) for Voice, Fax and Data.**

Description: .Send a Call Independent Supervisory Service, for Deactivating Call Forwarding. A Release Complete from the network is passed to MMI.

Preamble: MFW604A

```

APL/ACI                                MMI                                PS
|                                       |                                |
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=#)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                                     | MNSS_BEGIN_REQ |
    |                                     | *=====>*
(2) |                                     | MNSS_END_IND  |
    |                                     | *<===== *
TIMEOUT_WAIT (2000)
|                                       |                                |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	FAC_DEACTIVATE_ALLCALLS
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	RELEASE_COMPLETE_DEACTIVATE

## History:

13-06-20002	ef	initial
29-01-2003	ef	change cause in MNCC_END_IND
23-04-2003	ef	add a delay to ensure network response window is deleted

**4.24.24 MFW608: SS GSM Command String, Activate Call Forward(Diversion) All Calls.**

Description: .Send a Call Independent Supervisory Service, to Activate Call Forwarding(Divert) All Calls. Note that Activate and Register and Activate produce the same result

Preamble: MFW430

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=*)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=#)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)		
(1)	MNSS_BEGIN_REQ	
	*=====>*	
(2)	MNSS_END_IND	
	*<=====*	

**Parametrization:**



Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	FAC_DIVERT_ALLCALLS
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	RELEASE_COMPLETE_FACILITY

## History:

19-06-20002	ef	initial
29-01-2003	ef	change cause in MNCC_END_IND

## 4.25 MMI Component Tests - case :Main Menu, Network Services, Call Divert.

### 4.25.1 MFW610: Main Menu; Network services, Divert; All Calls.

Description: Common script for Call Divert – All Calls

Preamble: MFW430

```

APL/ACI                                MMI                                PS
|                                       |                                |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Network Services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* All Calls */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (1000)

```

## Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History:

26-06-2003 dr initial

**4.25.2 MFW611: Main Menu; Network services, Divert; If Busy.**

Description: Common script for Call Divert – If Busy

Preamble: MFW430

```

      APL/ACI                      MMI                      PS
      |                               |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Network services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* If Busy */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

26-06-2003 dr initial

**4.25.3 MFW612: Main Menu; Network services, Divert; If No Answer.**

Description: Common script for Call Divert – No Reply

Preamble: MFW430

```

      APL/ACI                      MMI                      PS
      |                               |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Network Services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* If No Answer */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

26-06-2003 dr initial

**4.25.4 MFW613: Main Menu; Network services, Divert; If Not Reachable.**

Description: Common script for Call Divert – Not Reachable

Preamble: MFW430

```

      APL/ACI                      MMI                      PS
      |                               |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Network Services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* If Not Reachable */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)

```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
------------------	------------------	--------------

History: 26-06-2003 dr initial

#### 4.25.5 MFW614: Main Menu; Network services, Divert; If No Service.

Description: Common script for Call Divert – No Service

Preamble: MFW430

```

      APL/ACI                      MMI                      PS
      |                               |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Network Services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* If No Service */
TIMEOUT_WAIT (1000)

```

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History: 26-06-2003 dr initial

#### 4.25.6 MFW615: Main Menu; Network services, Call Divert for Voice

Description: Set type of call divert through preamble, then enter number and register divert. Finally go back to main menu.

A: All Calls  
 B: If Busy  
 C: If no reply  
 D: If no service

Variants: <A>...<D>



Preamble: <A>MF W610  
 <B>MF W611  
 <C>MF W612  
 <D>MF W614

```

    APL/ACI                MMI                PS
    |                      |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Voice */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Set Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)             /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* OK */
(1) |                      |          MNSS_BEGIN_REQ          |
    |                      |          *=====>*
TIMEOUT_WAIT (6000)
(2) |                      |          MNSS_END_IND          |
    |                      |          *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* close confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (1000)
    |                      |                      |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

## (1) MNSS\_BEGIN\_REQ

	ti	TI_MO_0
<A>	fac_inf	FAC_DIVERT_ALLCALLS_V
<B>	fac_inf	FAC_DIVERT_IFBUSY_V
<C>	fac_inf	FAC_DIVERT_IFNOREPLY_V
<D>	fac_inf	FAC_DIVERT_IFNOSERVICE_V
	ss_ver	VERSION_SS

## (2) MNSS\_END\_IND

	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

## History:

26-06-2003 dr initial

**4.25.7 MFW616: Main Menu; Network services, Call Divert for Fax**

Description: Set type of call divert through preamble, then enter number and register divert. Finally go back to main menu.

A: All Calls  
 B: If Busy  
 C: If no reply  
 D: If no service

Variants: <A>...<D>



Preamble: <A>MF W610  
 <B>MF W611  
 <C>MF W612  
 <D>MF W614

```

    APL/ACI                MMI                PS
    |                      |                |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* FAX */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)        /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Set Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)        /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)             /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)        /* OK */
(1) |                |                MNSS_BEGIN_REQ                |
    |                |                *=====>*
TIMEOUT_WAIT (6000)
(2) |                |                MNSS_END_IND                |
    |                |                *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)        /* close confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT)        /* back to idle screen */
TIMEOUT_WAIT (1000)
    |                |                |

```

Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

## (1) MNSS\_BEGIN\_REQ

	ti	TI_MO_0
<A>	fac_inf	FAC_DIVERT_ALLCALLS_F
<B>	fac_inf	FAC_DIVERT_IFBUSY_F
<C>	fac_inf	FAC_DIVERT_IFNOREPLY_F
<D>	fac_inf	FAC_DIVERT_IFNOSERVICE_F
	ss_ver	VERSION_SS

## (2) MNSS\_END\_IND

	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

## History:

26-06-2003 dr initial

**4.25.8 MFW617: Main Menu; Network services, Call Divert for Data**

Description: Set type of call divert through preamble, then enter number and register divert. Finally go back to main menu.

A: All Calls  
 B: If Busy  
 C: If no reply  
 D: If no service

Variants: <A>...<D>



Preamble: <A>MF W610  
 <B>MF W611  
 <C>MF W612  
 <D>MF W614

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Data */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Set Divert */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		/* Enter Number */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
(1)	MNSS_BEGIN_REQ	
	*===== > *	
(2)	MNSS_END_IND	
	* <===== *	
TIMEOUT_WAIT (6000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Close Confirmation OK*/
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* back to idle screen */
TIMEOUT_WAIT (1000)		

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
<A>	fac_inf	FAC_DIVERT_ALLCALLS_D
<B>	fac_inf	FAC_DIVERT_IFBUSY_D
<C>	fac_inf	FAC_DIVERT_IFNOREPLY_D
<D>	fac_inf	FAC_DIVERT_IFNOSERVICE_D
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

History:

26-06-2003 dr initial

**4.25.9 MFW618: Main Menu; Network services, Call Divert for Voice if Not Reachable**

Description: Set type of call divert through preamble, then enter number and register divert. Finally go back to main menu

Note: The Menu item Not Reachable actually is the SS code for All Conditional. Depends what your definition of not reachable is.

Preamble: MFW613

```

      APL/ACI                      MMI                      PS
      |                            |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Voice */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Set Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(1) |                            | MNSS_BEGIN_REQ      |
      |                            *=====>*
TIMEOUT_WAIT (6000)
(2) |                            | MNSS_END_IND      |
      |                            *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* back to idle screen */

```

TIMEOUT\_WAIT (1000)

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) MNSS_BEGIN_REQ	ti fac_inf ss_ver	TI_MO_0 FAC_DIVERT_ALL_CONDITIONAL_V VERSION_SS
(2) MNSS_END_IND	ti cause fac_inf	TI_MO_0 MNSS_CAUSE_CALL_CLEAR CALL_FORWARD_RETURN_RESULT

## History:

26-06-2003	dr	initial
19-08-2003	ef	from menu, not reachable is actually "all conditional"

**4.25.10 MFW619: Main Menu; Network services, Call Divert for Fax if Not Reachable**

Description: Set type of call divert through preamble, then enter number and register divert. Finally go back to main menu.

Note: The Menu item Not Reachable actually is the SS code for All Conditional. Depends what your definition of not reachable is.

Preamble: MFW613

```

APL/ACI                      MMI                      PS
|                              |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Fax */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Set Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)                    /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* OK */
(1) |                      | MNSS_BEGIN_REQ          |
    |                      *=====>*
TIMEOUT_WAIT (6000)
(2) |                      | MNSS_END_IND            |
    |                      *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)

```

```
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (1000)
|
|
|
```

**Parametrization:**

<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	FAC_DIVERT_ALL_CONDITIONAL_F
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

## History:

26-06-2003	dr	initial
19-08-2003	ef	from menu, not reachable is actually "all conditional"

**4.25.11 MFW620: Main Menu; Network services, Call Divert for Data if Not Reachable**

Description: Set type of call divert through preamble, then enter number and register divert. Finally go back to main menu.

Note: The Menu item Not Reachable actually is the SS code for All Conditional. Depends what your definition of not reachable is.

Preamble: MFW613

```

      APL/ACI                      MMI                      PS
      |                               |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                      /* Data */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                      /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                      /* Set Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)                          /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                      /* OK */
(1) |                               |          MNSS_BEGIN_REQ          |
      |                               *=====>*
TIMEOUT_WAIT (6000)
(2) |                               |          MNSS_END_IND          |
      |                               *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                      /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* back to idle screen */
TIMEOUT_WAIT (1000)

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	FAC_DIVERT_ALL_CONDITIONAL_D
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

**History:**

26-06-2003	dr	initial
19-08-2003	ef	from menu, not reachable is actually "all conditional"

**4.25.12 MFW621: Main Menu; Network Services, Call Divert De-activation for Voice.**

Description: Set type of call divert through preamble, then de-register divert. Finally go back to main menu.

- A: All Calls
- B: If Busy
- C: If no reply
- D: If no service

Variants: <A>...<D>



Preamble: <A>MF W610  
 <B>MF W611  
 <C>MF W612  
 <D>MF W614

```

    APL/ACI                                MMI                                PS
    |                                       |                                |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSoft) /* Voice */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Cancel Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSoft) /* Select */
(1) |                                       | MNSS_BEGIN_REQ |
    |                                       | *=====> *
(2) |                                       | MNSS_END_IND |
    |                                       | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSoft) /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSoft)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSoft) /* back to idle screen */
TIMEOUT_WAIT (1000)
    |                                       |                                |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ		
<A>	ti	TI_MO_0
_V	fac_inf	FAC_ERASE_UNCONDITIONALLY_V
<B>	fac_inf	FAC_ERASE_IFBUSY_V
<C>	fac_inf	FAC_ERASE_IFNOREPLY_V
<D>	fac_inf	FAC_ERASE_IFNOSERVICE_V
	ss_ver	VERSION_SS
(2) MNSS_END_IND		
	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

History:

26-06-2003 dr initial

**4.25.13 MFW622: Main Menu; Network Services, Call Divert De-activation for Fax.**

Description: Set type of call divert through preamble, then de-register divert. Finally go back to main menu.

A: All Calls  
 B: If Busy  
 C: If no reply  
 D: If no service

Variants: &lt;A&gt;...&lt;D&gt;

Preamble: <A>MFW610  
 <B>MFW611  
 <C>MFW612  
 <D>MFW614

```

APL/ACI                                MMI                                PS
|                                       |                                |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* FAX */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Cancel Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
(1) |                                     | MNSS_BEGIN_REQ |
    |                                     | *=====>*
(2) |                                     | MNSS_END_IND  |
    |                                     | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* back to idle screen */
TIMEOUT_WAIT (1000)
|                                       |                                |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
<A>	fac_inf	FAC_ERASE_UNCONDITIONALLY_F
<B>	fac_inf	FAC_ERASE_IFBUSY_F
<C>	fac_inf	FAC_ERASE_IFNOREPLY_F
<D>	fac_inf	FAC_ERASE_IFNOSERVICE_F
	ss_ver	VERSION_SS

(2) MNSS\_END\_IND

 ti  
 cause  
 fac\_inf

 TI\_MO\_0  
 MNSS\_CAUSE\_CALL\_CLEAR  
 CALL\_FORWARD\_RETURN\_RESULT

History:

26-06-2003 dr initial

**4.25.14 MFW623: Main Menu; Network Services, Call Divert De-activation for Data.**

Description: Set type of call divert through preamble, then de-register divert. Finally go back to main menu.

 A: All Calls  
 B: If Busy  
 C: If no reply  
 D: If no service

Variants: &lt;A&gt;...&lt;D&gt;

 Preamble: <A>MF W610  
 <B>MF W611  
 <C>MF W612  
 <D>MF W614

```

      APL/ACI                      MMI                      PS
      |                            |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                      /* Data */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                      /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                      /* Cancel Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                      /* Select */
(1) |                            | MNSS_BEGIN_REQ      |
    |                            | *=====>*
(2) |                            | MNSS_END_IND      |
    |                            | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                      /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                      /* back to idle screen */
TIMEOUT_WAIT (1000)
      |                            |                        |

```

Parametrization:



Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
<A>	fac_inf	FAC_ERASE_UNCONDITIONALLY_D
<B>	fac_inf	FAC_ERASE_IFBUSY_D
<C>	fac_inf	FAC_ERASE_IFNOREPLY_D
<D>	fac_inf	FAC_ERASE_IFNOSERVICE_D
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

History:

26-06-2003 dr initial

4.25.15 MFW624: Main Menu; Network Services, Call Divert If Not Reachable De-activation for Voice.

Description: Set type of call divert through preamble, then de-register divert. Finally go back to main menu.

Preamble: MFW613

```

APL/ACI                               MMI                               PS
|                                     |                               |
COMMAND (MMI CONFIG KEY_SEQUENCE=L)SOFT)                               /* Voice */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                               /* Cancel Diverts */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L)SOFT)                               /* Select */
(1) |                               | MNSS_BEGIN_REQ |
    |                               | *=====>*
(2) |                               | MNSS_END_IND |
    |                               | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L)SOFT)                               /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R)SOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R)SOFT)                               /* back to idle screen */
TIMEOUT_WAIT (1000)
|                                     |                               |

```

Parametrization:

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0

	fac_inf ss_ver	FAC_ERASE_IFNOTREACHABLE_V VERSION_SS
(2) MNSS_END_IND	ti cause fac_inf	TI_MO_0 MNSS_CAUSE_CALL_CLEAR CALL_FORWARD_RETURN_RESULT

## History:

26-06-2003 dr initial

**4.25.16 MFW625: Main Menu; Network Services, Call Divert If Not Reachable De-activation for Fax.**

Description: Set type of call divert through preamble, then de-register divert. Finally go back to main menu.

Preamble: MFW613

```

      APL/ACI                      MMI                      PS
      |                            |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* FAX */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)              /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Cancel Diverts */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)              /* Select */
(1) |                            | MNSS_BEGIN_REQ      |
    |                            | *=====>*
(2) |                            | MNSS_END_IND      |
    |                            | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)              /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=R_SOFT)              /* back to idle screen */
TIMEOUT_WAIT (1000)
      |                            |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti fac_inf ss_ver	TI_MO_0 FAC_ERASE_IFNOTREACHABLE_F VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0



cause  
fac\_inf

MNSS\_CAUSE\_CALL\_CLEAR  
CALL\_FORWARD\_RETURN\_RESULT

History:

26-06-2003 dr initial

4.25.17 MFW626: Main Menu; Network Services, Call Divert If Not Reachable De-activation for Data.

Description: Set type of call divert through preamble, then de-register divert. Finally go back to main menu.

Preamble: MFW613

```

      APL/ACI                      MMI                      PS
      |                            |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Data */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Cancel Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
(1) |                               | MNSS_BEGIN_REQ      |
    |                               | *=====>*         |
(2) |                               | MNSS_END_IND       |
    |                               | *<===== *        |
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* back to idle screen */
TIMEOUT_WAIT (1000)
      |                            |                        |

```

Parametrization:

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	FAC_ERASE_IFNOTREACHABLE_D
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

History:

26-06-2003 dr initial

**4.25.18 MFW627: Main Menu; Network Services, Call Divert – Cancel All.**

Description: Set type of call divert through preamble, then cancel all divers. Finally go back to main menu.

Preamble: MFW430

```

      APL/ACI                      MMI                      PS
      |                            |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Network Services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Divert */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Cancel All */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
(1) |                            | MNSS_BEGIN_REQ |
    |                            | *=====>*
(2) |                            | MNSS_END_IND  |
    |                            | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (1000)
      |                            |                        |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------



(1) MNSS_BEGIN_REQ	ti fac_inf ss_ver	TI_MO_0 FAC_ERASE_ALLDIVERTS VERSION_SS
(2) MNSS_END_IND	ti cause fac_inf	TI_MO_0 MNSS_CAUSE_CALL_CLEAR RELEASE_COMPLETE_DEACTIVATE

History:

26-06-2003 dr initial

4.25.19 MFW628: Main Menu; Network Services, Call Divert Status for Voice.

Description: Set type of call divert through preamble, then de-register divert. Finally go back to main menu.

- A: All Calls
- B: If Busy
- C: If no reply
- D: If no service

Variants: <A>...<D>

Preamble: <A>MF W610  
 <B>MF W611  
 <C>MF W612  
 <D>MF W614

```

APL/ACI                                MMI                                PS
|                                       |                                |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Voice */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Check Status */
(1) |                                     | MNSS_BEGIN_REQ |
|                                     | *=====>*
(2) |                                     | MNSS_END_IND  |
|                                     | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* back to idle screen */
TIMEOUT_WAIT (1000)
|                                       |                                |

```

Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

## (1) MNSS\_BEGIN\_REQ

	ti	TI_MO_0
<A>	fac_inf	FAC_DIVERT_STATUS_CALLS_V
<B>	fac_inf	FAC_DIVERT_STATUS_IFBUSY_V
<C>	fac_inf	FAC_DIVERT_STATUS_IFNOREPLY_V
<D>	fac_inf	FAC_DIVERT_STATUS_IFNONETWORK_V
	ss_ver	VERSION_SS

## (2) MNSS\_END\_IND

	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

History:

26-06-2003 dr initial

**4.25.20 MFW607: Main Menu; Network Services, Call Divert Status for Fax.**

Description: Set type of call divert through preamble, then de-register divert. Finally go back to main menu.

A: All Calls  
 B: If Busy  
 C: If no reply  
 D: If no service

Variants: &lt;A&gt;...&lt;D&gt;



Preamble: <A>MF W610  
 <B>MF W611  
 <C>MF W612  
 <D>MF W614

```

    APL/ACI                                MMI                                PS
    |                                        |                                |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)    |                                /* FAX */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    |                                /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    |                                /* Check Status */
(1) |                                     | MNSS_BEGIN_REQ |
    |                                     *=====>*
(2) |                                     | MNSS_END_IND  |
    |                                     *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    |                                /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)    |                                /* back to idle screen */
TIMEOUT_WAIT (1000)
    |                                        |                                |

```

Parametrization:

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
<A>	fac_inf	FAC_DIVERT_STATUS_CALLS_F
<B>	fac_inf	FAC_DIVERT_STATUS_IFBUSY_F
<C>	fac_inf	FAC_DIVERT_STATUS_IFNOREPLY_F
<D>	fac_inf	FAC_DIVERT_STATUS_IFNONETWORK_F
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

History: 26-06-2003 dr initial

4.25.21 MFW609: Main Menu; Network Services, Call Divert Status for Data.

Description: Set type of call divert through preamble, then de-register divert. Finally go back to main menu.

- A: All Calls
- B: If Busy



C: If no reply  
 D: If no service  
 Variants: <A>...<D>

Preamble: <A>MF W610  
 <B>MF W611  
 <C>MF W612  
 <D>MF W614

```

APL/ACI                                     MMI                                     PS
|                                           |                                           |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)           /* Data */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)         /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)         /* Check Status */
(1) |                                           | MNSS_BEGIN_REQ |
    |                                           | *=====>*
(2) |                                           | MNSS_END_IND   |
    |                                           | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)         /* delete confirmation OK */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)         /* back to idle screen */
TIMEOUT_WAIT (1000)
|                                           |                                           |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
<A>	fac_inf	FAC_DIVERT_STATUS_CALLS_D
<B>	fac_inf	FAC_DIVERT_STATUS_IFBUSY_D
<C>	fac_inf	FAC_DIVERT_STATUS_IFNOREPLY_D
<D>	fac_inf	FAC_DIVERT_STATUS_IFNONETWORK_D
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	CALL_FORWARD_RETURN_RESULT

History:

26-06-2003 dr initial

**4.25.22 MFW629: Main Menu; Network services, Status Check, Hide ID Activate, followed by Deactivate. Test fails.**

Description: .Check the status of CLIR then Send a Call Independent Supervisory Service, for Calling Line Identification Restriction. A Release Complete from the network is passed to MMI.

Note: The Activate selection, only does a Status Check. So test fail.



Preamble: MFW430

```

      APL/ACI                               MMI                               PS
      |                                     |                               |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)    /* from the Idle screen, Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* network services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* Hide ID */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* Check Status */
(1) |                                     | MNSS_BEGIN_REQ |
      |                                     *=====>*
TIMEOUT_WAIT (5000)
(2) |                                     | MNSS_END_IND |
      |                                     *<===== *
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* left key response */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* Activate */
(3) |                                     | MNSS_BEGIN_REQ |
      |                                     *=====>*
TIMEOUT_WAIT (3000)
(4) |                                     | MNSS_END_IND |
      |                                     *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* left key response */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* Deactivate */
(5) |                                     | MNSS_BEGIN_REQ |
      |                                     *=====>*
TIMEOUT_WAIT (3000)
(6) |                                     | MNSS_END_IND |
      |                                     *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* left key response */
TIMEOUT_WAIT (1000)
      |                                     |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti fac_inf ss_ver	TI_MO_0 INTERROGATE_SS_CLIR VERSION_SS
(2) MNSS_END_IND	ti cause fac_inf	TI_MO_0 MNSS_CAUSE_CALL_CLEAR INTERROGATE_SS_RESULT
(3) MNSS_BEGIN_REQ	ti fac_inf ss_ver	TI_MO_0 REGISTER_CLIR VERSION_SS
(4) MNSS_END_IND	ti cause fac_inf	TI_MO_0 MNSS_CAUSE_CALL_CLEAR RELEASE_COMPLETE_CLIR
(5) MNSS_BEGIN_REQ	ti fac_inf ss_ver	TI_MO_0 DEREGISTER_CLIR VERSION_SS
(6) MNSS_END_IND	ti cause fac_inf	TI_MO_0 MNSS_CAUSE_CALL_CLEAR RELEASE_COMPLETE_CLIR

## History:

30-05-2003	ef	initial
09-07-2003	ef	change in menu and add the deactivation part
16-07-2003	ef	add Check Status of CLIR

## 4.26 MMI Component Tests - case : Main Menu, Network Services, Call Barring.

### 4.26.1 MFW630: Main Menu; Network Services, Call Barring.

Description: .Send a Call Independent Supervisory Service Call Barring. First Enter the Password.

Preamble: MFW430

```

APL/ACI                                MMI                                PS
|                                     |                                |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Network Services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Call Barring */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1) /* Enter Password */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Options */
TIMEOUT_WAIT (1000)
|                                     |                                |

```

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

## History:

13-06-20002	ef	initial
30-01-2003	ef	change menu

**4.26.2 MFW632: Check the Status of Barring All Outgoing Calls.**

Description: .Status Check of Barring of Outgoing calls..

Preamble: MFW630

```

APL/ACI                      MMI                      PS
|                             |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Outgoing */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Check Status */
(1) |                          | MNSS_BEGIN_REQ        |
    |                          | *=====>*
(2) |                          | MNSS_END_IND        |
    |                          | *<===== *
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* left key response */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Set Bar */
|                             |                      |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	INTERROGATE_SS_OG
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	INTERROGATE_SS_RESULT

## History:

17-06-20002	ef	initial
14-07-2003	ef	add Check Status

**4.26.3 MFW633: Check the Status of Barring Outgoing International Calls.**

Description: .Status Check of Outgoing International Calls Barring

Preamble: MFW630

```

APL/ACI                      MMI                      PS
|                             |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Outgoing International calls */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Check Status */
(1) |                             | MNSS_BEGIN_REQ          |
    |                             | *=====>*
TIMEOUT_WAIT (3000)
(2) |                             | MNSS_END_IND          |
    |                             | *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* left key response */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Set Bar */
|                             |                      |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	INTERROGATE_SS_OG_INTER
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	INTERROGATE_SS_RESULT

## History:

17-06-20002	ef	initial
14-07-2003	ef	add Check Status

**4.26.4 MFW634: Check the Status of Barring Outgoing International except directed to Home PLMN.**

Description: .Status Check of Outgoing International calls except directed to Home PLMN Barring.

Preamble: MFW630

```

      APL/ACI                      MMI                      PS
      |                            |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* OG Internat but home PLMN */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Check Status */
(1) |                            | MNSS_BEGIN_REQ          |
      |                            | *=====>*
TIMEOUT_WAIT (3000)
(2) |                            | MNSS_END_IND          |
      |                            | *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* left key response */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Set Bar */
      |                            |                        |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	INTERROGATE_SS_OG_INTER_BUT_HOME
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	INTERROGATE_SS_RESULT

History:

17-06-20002	ef	initial
14-07-2003	ef	add Check Status

**4.26.5 MFW635: Check the Status of Barring Incoming Calls.**

Description: .Status Check of Incoming calls Barring.

Preamble: MFW630

```

    APL/ACI                      MMI                      PS
    |                             |                       |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                      /* Incoming call */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                      /* Check Status */
(1) |                             | MNSS_BEGIN_REQ      |
    |                             | *=====>          |
TIMEOUT_WAIT (3000)
(2) |                             | MNSS_END_IND      |
    |                             | *<=====          |
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                      /* left key response */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                      /* Set Bar */
    |                             |                       |
    
```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	INTERROGATE_SS_IC
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	INTERROGATE_SS_RESULT

## History:

17-06-20002	ef	initial
14-07-2003	ef	add Check Status

**4.26.6 MFW636: Check the Status of Barring Incoming calls when Roaming outside the Home PLMN.**

Description: Status Check of Incoming calls Barring when Roaming outside the home PLMN.

Preamble: MFW630

```

    APL/ACI                      MMI                      PS
    |                             |                       |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Incoming call when Roaming */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Check Status */
(1) |                               | MNSS_BEGIN_REQ           |
    |                               | *=====>*
TIMEOUT_WAIT (3000)
(2) |                               | MNSS_END_IND           |
    |                               | *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* left key response */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* set Bar */
    |                               |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	INTERROGATE_SS_IC_ROAMING
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	INTERROGATE_SS_RESULT

## History:

11-07-2003	ef	initial
14-07-2003	ef	add Check Status

**4.26.7 MFW637: Cancel all Call Barring option**

Description: .Set Cancel all Call Barring

Preamble: MFW630

```

APL/ACI                      MMI                      PS
|                               |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
|                               |                      |

```

/\* Cancel All Barring \*/

/\* Select \*/

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

## History:

17-06-20002	ef	initial
11-07-2003	ef	change in menu

**4.26.8 MFW638: Change Password option**

Description: .Set a new password for the use of Call Barring

Preamble: MFW630

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Change Password */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* enter new password */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=6)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* confirm new password */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=6)		/* confirm new password */
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

11-07-2003 ef initial

**4.26.9 MFW640: Send Each Call Barring SS option to the network.**

Description: Send a Call Independent Supervisory Service Call Barring option to the network. The network replies with a SS Release Complete.

- A: Bar Outgoing Calls
- B: Bar Outgoing International Calls
- C: Bar Outgoing International Calls except Home PLMN
- D: Bar Incoming Calls
- E: Bar Incoming when Roaming Calls
- F: Cancel all Barring
- G: Change Password

Variants: <A>...<G>

Preamble:  
 <A>MF W632  
 <B>MF W633  
 <C>MF W634  
 <D>MF W635  
 <E>MF W636  
 <F>MF W637  
 <G>MF W638

```

    APL/ACI                               MMI                               PS
    |                                     |                               |
(1) |                                     | MNSS_BEGIN_REQ                 |
    |                                     | *=====>*                     |
TIMEOUT_WAIT (5000)
(2) |                                     | MNSS_END_IND                   |
    |                                     | *<=====*                       |
COMMAND (MMI CONFIG KEY_SEQUENCE=L5OFT)
    |                                     |                               |
    
```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
<A>	fac_inf	FAC_BAR_OG_CALLS
<B>	fac_inf	FAC_BAR_INTER_CALLS
<C>	fac_inf	FAC_BAR_INTER_BUT_HOME_CALLS
<D>	fac_inf	FAC_BAR_IC_CALLS
<E>	fac_inf	FAC_BAR_IC_ROAMING_CALLS
<F>	fac_inf	FAC_CANCEL_ALLBAR
<G>	fac_inf	FAC_REG_PW
	ss_ver	VERSION_SS
(2) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
<A>	fac_inf	RELEASE_COMPLETE_FACILITY
<B>	fac_inf	RELEASE_COMPLETE_FACILITY



<C>	fac_inf	RELEASE_COMPLETE_FACILITY
<D>	fac_inf	RELEASE_COMPLETE_FACILITY
<E>	fac_inf	RELEASE_COMPLETE_FACILITY
<F>	fac_inf	RELEASE_COMPLETE_FACILITY
<G>	fac_inf	FAC_PW_RES

History:

17-06-2002	ef	initial
30-01-2003	ef	change cause
14-07-2003	ef	add change password and check status

### 4.27 MMI Component Tests - case : Main Menu, Network Services, Call Back.

#### 4.27.1 MFW642: Activate Call Back. Main Menu, Network Services, Call Back, Activate. Test fails.

Description: Note: This facility is not yet integrated.

Preamble: MFW430

```

      APL/ACI                      MMI                      PS
      |                            |                            |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Network Services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Call Back */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Activate */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* left key response */
      |                            |                            |

```

Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History:

28-05-2003 ef initial

## 4.28 MMI Component Tests - case : Main Menu, Network Services, Call Waiting

### 4.28.1 MFW644: Main Menu, Network Services, Call Waiting, Check Status.

Description: Note: The result of the Check Status is to send a facility message containing a Notify SS to the network.

Preamble: MFW430

```

APL/ACI          MMI          PS
|                |                |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Network Services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Call Waiting */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Check Status */
|                |                |
(1) |                |                |
|                |                |
TIMEOUT_WAIT (5000)
(2) |                |                |
|                |                |
|                |                |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	INTERROGATE_SS
	ss_ver	VERSION_SS

(2) MNSS\_END\_IND

ti	TI_MO_0
cause	MNSS_CAUSE_CALL_CLEAR
fac_inf	INTERROGATE_SS_RESULT

History:

29-05-2003 ef initial

## 4.29 MMI Component Tests - case : Main Menu, Network Services, Manual Selection.

### 4.29.1 MFW646: Network Services, Manual Selection and select vodafone D2

Description: .From Idle, Main Menu, Network Services, Network Selection, Manual. The first plmn is chosen.

Preamble: MFW430

```

APL/ACI                      MMI                      PS
|                             |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Network Services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Network Selection */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Manual */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
(1) |                               | GMMREG_PLMN_MODE_REQ |
|                               | *=====>*
(2) |                               | GMMREG_NET_REQ      |
|                               | *=====>*
(3) |                               | GMMREG_PLMN_IND    |
|                               | *<=====*
(4) |                               | GMMREG_PLMN_MODE_REQ |
|                               | *=====>*
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select 1st PLMN */
(5) |                               | GMMREG_PLMN_MODE_REQ |
|                               | *=====>*
(6) |                               | GMMREG_PLMN_RES     |
|                               | *=====>*
(7) |                               | GMMREG_ATTACH_CNF  |
|                               | *<=====*
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)

```



```

TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (1000)

```

**Parametrization:**

Primitive	Parameter	Value
(1) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_MAN
(2) GMMREG_NET_REQ		
(3) GMMREG_PLMN_IND	cause plmn forb_ind lac_list rxlevel gprs_status	MMCS_SUCCESS PLMN_LIST FORB_PLMN_LIST LAC_LIST RX_LEVEL_LIST GPRS_STATUS_LIST
(4) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(5) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_MAN
(6) GMMREG_PLMN_RES	plmn mobile_class attach_type	PLMN_262_02 GMMREG_CLASS_BG GMMREG_AT_COMB
(7) GMMREG_ATTACH_CNF	attach_type plmn lac rac cid gprs_indicator search_running	GMMREG_AT_GPRS PLMN_262_02 LAC_1234 RAC_89 CID_0001 GMM_GPRS_SUPP_YES GMMREG_SEARCH_NOT_RUNNING

## History:

28-05-2003	ef	initial
21-08-2003	ef	add the attach_cnf

**4.30 MMI Component Tests - case : Main Menu, Network Services, Call Deflect****4.30.1 MFW648: Main Menu, Network Services, Call Deflect, Activate. MT Call Deflected. Test Fails.**

Description: After setting Call Deflect On, an incoming Call is first rejected by the Mobile, then deflected by invoking the SS Call Deflect Facility.

Note: The test fails converting the CD Facility message to the Air interface bitstream in CCD encoder, and no Facility message is sent to the network.

Preamble: MFW430

```

      APL/ACI                      MMI                      PS
      |                            |                            |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Network Services */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Call Deflect */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* On */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RISOFT)          /* Back to Idle */
TIMEOUT_WAIT (2000)
(1) |                               | MNCC_SETUP_IND           |
    |                               | *<===== *           |
(2) |                               | MNCC_SYNC_IND         |
    |                               | *<===== *           |
(3) | ACI_CMD_IND                   |                       |
    | (msg: OK)                       |                       |
    | *<===== *                       |                       |
(4) |                               | MNCC_ALERT_REQ       |
    |                               | *===== > *         |
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Deflect Accept */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(5) | | MNCC_DISCONNECT_REQ |
| | *=====> *
(6) | | MNCC_RELEASE_IND |
| | *<===== *
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* LSK response */
TIMEOUT_WAIT (2000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_IND	ti	TI_MT_9
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_SPEECH
	progress_desc	PROG_END_TO_END_PLMN
	sig	SIG_DIAL_TONE_ON
	calling_party	CLG_PARTY_01317180537
	calling_party_sub	CLG_PARTY_SUB
	called_party	CLED_PARTY_654321
	called_party_sub	CLED_PARTY_SUB
	redirecting_party	RED_PARTY
	redirecting_party_sub	RED_PARTY_SUB
	(2) MNCC_SYNC_IND	ti
cause		MNCC_CAUSE_CHANNEL_SYNC
chm		CH_SIG_ONLY
(3) ACI_CMD_IND	cmd_len	LM_RING_LEN
	cmd_seq	M_RING
(4) MNCC_ALERT_REQ	ti	TI_MT_9
(5) MNCC_DISCONNECT_REQ	ti	TI_MT_9
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED

(6) MNCC\_RELEASE\_IND

ti  
causeTI\_MT\_9  
MNCC\_CAUSE\_CALL\_CLEAR

History:

06-08-20003 ef initial

## 4.31 MMI Component Tests - case : Main Menu, Recent Calls

### 4.31.1 MFW670: Make a call from the Answered Call List – Main Menu, Recent Calls, Answered Calls.

Description: After a Mobile Terminated call, from the Main Menu, Recent Calls, Answered Calls, the first entry is chosen, a call is setup.

Preamble: MFW513

```

APL/ACI                      MMI                      PS
|                            |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Main Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                /* Recent Calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Answered Calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=SEND)
(1) |                          | MNCC_SETUP_REQ      |
    |                          | *=====>*         |
(2) |                          | MNCC_CALL_PROCEED_IND |
    |                          | *<=====*         |
(3) |                          | MNCC_PROGRESS_IND   |
    |                          | *<=====*         |
(4) |                          | MNCC_ALERT_IND      |
    |                          | *<=====*         |
(5) |                          | MNCC_SETUP_CNF      |
    |                          | *<=====*         |
(6) |                          | SIM_SYNC_REQ        |
    |                          | *=====>*         |
    |                          |                      |

```

#### Parametrization:

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_ERIC_T

	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(2) MNCC_CALL_PROCEED_IND	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
(3) MNCC_PROGRESS_IND	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
(4) MNCC_ALERT_IND	ti	TI_MO_0
	progress_desc	PROG_NOT_PRES
(5) MNCC_SETUP_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_NOT_PRES
	connected_number	CONNECTED_NUMBER_654321
	connected_number_sub	CONNECTED_PARTY_SUB_NONE
(6) SIM_SYNC_REQ	synccs	SYNC_START_CALL

## History:

21-05-2002	ef	initial
20-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal

**4.31.2 MFW672: Store a number and send SMS from the Answered Call List – Main Menu, Recent Calls, Answered Calls**

Description: An MT call is received, and the callers number is stored. Main Menu, Recent Calls, Answered calls and the first entry is chosen, store the number. Back to the Recent calls Menu, Answered Calls and send SMS text message.

Note: first set the Service Centre Settings

Note: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.

Preamble: MFW513

```

APL/ACI                               MMI                               PS
|                                     |                               |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Main Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* recent calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* answered calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* options */
TIMEOUT_WAIT (2000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* store number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3) /* enter a name */
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3) /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7) /* "r" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4) /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2) /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(1) | | SIM_UPDATE_RECORD_REQ |
| | *=====>*
TIMEOUT_WAIT (3000)
(2) | | SIM_UPDATE_RECORD_CNF |
| | *<===== *
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* back to idle screen */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* main menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* recent calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* answered calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* send message */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3) /* enter text */
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3) /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7) /* "r" */

```



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4) /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2) /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* send */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L_SOFT)
(3) | | MNSMS_SUBMIT_REQ |
| | *=====>* |
(4) | | MNSMS_SUBMIT_CNF |
| | *<=====* |
| | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_UPDATE_RECORD_REQ	source	SRC_MMI
	datafield	SIM_ADN
	record	PHB_RECORD_7
	length	PHB_LENGTH_ADN
	linear_data	PHB_ADN_RECORD_ERIC_MT_SAVE
(2) SIM_UPDATE_RECORD_CNF	datafield	SIM_ADN
	record	PHB_RECORD_7
	cause	SIM_NO_ERROR
(3) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_MISSED_CALLS
(4) MNSMS_SUBMIT_CNF	mem_type	MEM_SM
	rec_num	SMS_RECORD_NOT_EXIST
	cause	SMS_NO_ERROR
	tp_mr	NUM_2
	sms_sdu	SMS_SDU_EMPTY

**History:**

12-08-2003	ef	initial
20-08-2003	ef	skip over the special chars à and á. Remove later.
08-10-2003	ef	remove the à and á characters

#### 4.31.3 MFW674: Delete record from the Answered Call List – Main Menu, Recent Calls, Answered Calls, Delete.

Description: After a Mobile Originated call, from the Main Menu, Recent Calls, Answered Calls, Delete.

Note: This test will always pass as only internal phone memory is erased. No signal is output

Preamble: MFW513

```

      APL/ACI                      MMI                      PS
      |                              |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Main Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Recent Calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)        /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)        /* Answered Calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)        /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Delete */
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
TIMEOUT_WAIT (5000)
      |                              |                      |

```

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History:

13-08-2003	ef	initial
------------	----	---------

#### 4.31.4 MFW676: Make a call from the Outgoing Call List – Main Menu, Recent Calls, Outgoing Calls.

Description: After a Mobile Originated call, from the Main Menu, Recent Calls, Outgoing Calls, the first entry is chosen, a call is setup.

Preamble: MFW513

```

      APL/ACI                      MMI                      PS
      |                              |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Main Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Recent Calls */
TIMEOUT_WAIT (2000)

```



## History:

21-05-2002	ef	initial
20-08-2002	ef	remove the MMI_SPEECH_MODE_REQ signal

**4.31.5 MFW678: Store a number and send SMS from the Outgoing Call List – Main Menu, Recent Calls, Outgoing Calls**

Description: An MT call is received, and the callers number is stored. Main Menu, Recent Calls, Outgoing calls and the first entry is chosen, store the number. Back to the Recent calls Menu, Outgoing Calls and send SMS text message.

Note 1: first set the Service Centre Settings

Note 2: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.

Preamble: MFW502

APL/ACI	MMI	PS
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Main Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (5000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* recent calls */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		/* Outgoing Calls */
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		/* Select */
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		/* options */
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		/* store number */
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (2000)		/* enter a name */
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		/* "E" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		/* "r" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		/* "i" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (100)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		/* "c" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
(1)	SIM_UPDATE_RECORD_REQ	
	*=====>*	
TIMEOUT_WAIT (3000)		
(2)	SIM_UPDATE_RECORD_CNF	
	*<=====*	
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		



```

COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* main menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* recent calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* Outgoing calls */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select 1st entry*/
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* send message */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)          /* enter text */
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)          /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)          /* "r" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)          /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (100)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)          /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)          /* send */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Enter Number, Send */
(3) | | MNSMS_SUBMIT_REQ |
| | *=====>*
(4) | | MNSMS_SUBMIT_CNF |
| | *<=====*
```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

(1) SIM_UPDATE_RECORD_REQ	source	SRC_MMI
	datafield	SIM_ADN
	record	PHB_RECORD_7
	length	PHB_LENGTH_ADN
	linear_data	PHB_ADN_RECORD_ERIC_MO_SAVE
(2) SIM_UPDATE_RECORD_CNF	datafield	SIM_ADN
	record	PHB_RECORD_7
	cause	SIM_NO_ERROR
(3) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_OUTGOING_CALLS
(4) MNSMS_SUBMIT_CNF	mem_type	MEM_SM
	rec_num	SMS_RECORD_NOT_EXIST
	cause	SMS_NO_ERROR
	tp_mr	NUM_2
	sms_sdu	SMS_SDU_EMPTY

## History:

12-08-2003	ef	initial
20-08-2003	ef	skip over the special chars à and á. Remove later.
08-10-2003	ef	remove the à and á characters

## 4.32 MMI Component Tests - case : Main Menu, Messages

### 4.32.1 MFW700: Menu, Messages, Activate Concatenation, Setup Call Centre and Validy Period defaults.

Description: From the Main Menu, Messages, Settings, Set Activate SMS concatenation, Set Validy Period of 1 Hour, Add the Service Centre Number. Then back to the Main Menu.

Preamble: MFW430

APL	ACI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Messages */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Settings */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Set Service Centre */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=4)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=9)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
TIMEOUT_WAIT (6000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Validity */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* 1 hour */
TIMEOUT_WAIT (6000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* back to parent menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* skip eazy text */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Concatenate */



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* set Concatenate On */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* back to idle screen */
TIMEOUT_WAIT (2000)

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

**History:**

05-09-2002	ef	initial
30-01-2003	ef	change menu
24-04-2003	ef	use right key after validity and concat to clear the window

**4.32.2 MFW702: Setup a MO Originated SMS text string from the Messages window, Send. Check for error condition.**

Description: Main Menu, Messages, Write, enter text ("Eric"), enter number, Send.

Note: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.

- A: No error in SMS.
- B: SMS CP error detected

Variants: <A>...<B>



Preamble: MFW700

```

      APL/ACI                               MMI                               PS
      |                                     |                               |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)    /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* Messages */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)     /* Write */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* Enter Text */
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)     /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)     /* "r" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)     /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)     /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)     /* Send */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* Enter Number */
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* Send */
(1) |                                     | MNSMS_SUBMIT_REQ |
      |                                     *----->*
(2) |                                     | MNSMS_SUBMIT_CNF |

```

```

|                                     *<=====
|                                     |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_1
(2) MNSMS_SUBMIT_CNF	mem_type	MEM_SM
	rec_num	SMS_RECORD_NOT_EXIST
	<A> cause	SMS_NO_ERROR
	<B> cause	SMS_CP_CS_NETWORK_FAILURE
	tp_mr	NUM_2
	sms_sdu	SMS_SDU_EMPTY

**History:**

04-09-2002	ef	initial
06-01-2003	ef	update to cause concept
19-08-2003	ef	skip over the special chars à and á. Remove later
08-10-2003	ef	characters à and á have been removed

**4.32.3 MF704: From the Messages Window, write a MO Short Message and save it to the SIM.**

Description: Main Menu, Messages, Write, enter text ("Eric"), and Save, using Delete key 5 times, back to the Messages Menu, then back to Main Menu.

Note: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.



Preamble: MFW700

```

APL                                     MMI                                     PS
|                                     |                                     |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Messages */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Write */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3) /* Enter Text */
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3) /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7) /* "r" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4) /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2) /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Save */
(1) |                                     | MNSMS_STORE_REQ |
|                                     | *=====>*
(2) |                                     | MNSMS_STORE_CNF |
|                                     | *<=====*
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* back to idle screen */
TIMEOUT_WAIT (2000)
|                                     |                                     |
    
```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_STORE_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON

	status	SMS_RECORD_STO_UNSENT
	sms_sdu	SMS_SDU_2
(2) MNSMS_STORE_CNF		
	mem_type	MEM_SM
	rec_num	NUM_0
	cause	SMS_NO_ERROR

## History:

06-09-2002	ef	initial
20-08-2003	ef	skip over the special chars à and á. Remove later.
08-10-2003	ef	characters à and á have been removed

**4.32.4 MFW706: From the Messages Window, store a Short Message to SIM memory, then Send message.**

Description: Main Menu, Messages, Write the text "Eric", Save, Menu Down 1 to Send, enter the number and then Send.

Note: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.

Preamble: MFW700

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Messages */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Write */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		/* Enter Text */
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		/* "E" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		/* "r" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		/* "i" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		/* "c" */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Options */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Save */
(1)	MNSMS_STORE_REQ	
	*=====>*	
(2)	MNSMS_STORE_CNF	
	*<=====*	
TIMEOUT_WAIT (5000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Options */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Send */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (6000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		/* Enter Number */
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (1000)		

```

COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Send */
(3) | | MNSMS_SUBMIT_REQ |
| | *=====>* |
(4) | | MNSMS_REPORT_IND |
| | *<=====* |
TIMEOUT_WAIT (6000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_STORE_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	status	SMS_RECORD_STO_UNSENT
	sms_sdu	SMS_SDU_2
(2) MNSMS_STORE_CNF	mem_type	MEM_SM
	rec_num	NUM_0
	cause	SMS_NO_ERROR
(3) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_1
(4) MNSMS_REPORT_IND	state	SMS_STATE_READY

**History:**

09-09-2002	ef	initial
20-08-2003	ef	skip over the special chars à and á. Remove later.
08-10-2003	ef	characters à and á have been removed

**4.32.5 MFW708: Setup a maximum length MO Short Message of 160 characters in length.**

Description: Main Menu, Messages, Write, enter 176 text characters, Options, Send, enter number, Accept

Note. Sometimes the contents of the output msg changes. May need to run again, or use SMS\_SDU\_CONC\_1.

- A: No error in SMS.
- B: SMS CP error detected

Variants: &lt;A&gt;...&lt;B&gt;

Preamble: MF700

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Messages */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Write */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)		
TIMEOUT_WAIT (1000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)		



```
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
```



```
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
```



```
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
```

```
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
```



```
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Options */
TIMEOUT_WAIT (6000) /* Send */
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Select */
TIMEOUT_WAIT (2000) /* Enter Number */
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT) /* Send */
(1) | | MNSMS_SUBMIT_REQ |
| | *=====>*
TIMEOUT_WAIT (6000)
(2) | | MNSMS_SUBMIT_CNF |
| | *<=====*

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_MAX_1
(2) MNSMS_SUBMIT_CNF	mem_type	MEM_SM
	rec_num	SMS_RECORD_NOT_EXIST
	<A>	SMS_NO_ERROR
	<B>	SMS_CP_CS_NETWORK_FAILURE
	tp_mr	NUM_2
	sms_sdu	SMS_SDU_EMPTY

**History:**

10-09-2002	ef	initial
06-01-2003	ef	update to cause concept

**4.32.6 MFW710: Setup a MO Concatenated Short Message of 160 7 bit characters in length.**

Description: Main Menu, Messages, Write, enter 160 text characters.

Preamble: MFW700

APL	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Messages */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Write */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)		



```
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
```



TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY7)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY8)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY9)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY2)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY3)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY4)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY5)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY6)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY7)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY8)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY9)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY2)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY3)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY4)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY5)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY6)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY7)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY8)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY9)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY2)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY3)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY4)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY5)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY6)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY7)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY8)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY9)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY2)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=KEY3)



```
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
```



```
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
```



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

**History:**

26-11-2002	ef	initial
------------	----	---------

**4.32.7 MFW712: Continue Concatenated Short Message of 196 characters in length, which leads to two SM's to the network**

Description: Continue to enter text characters, Options, Send, enter number, Accept.

Note1. Sometimes the contents of the output msg changes. May need to run again, or use SMS\_SDU\_MAX\_1.

Note2: The count of chars in the header seems wrong. However for the test it is set to what the MMI says. So if this is changed at a later date, then the SMS message will have to change as well.

Preamble: MFW710

APL	MMI	PS
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)		



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY6)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY9)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Options */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Send */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0) /* Enter Number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Send */
(1) | MNSMS_SUBMIT_REQ |
| *=====>*
TIMEOUT_WAIT (6000)
(2) | MNSMS_SUBMIT_CNF |
| *<=====*
(3) | MNSMS_SUBMIT_REQ |
| *=====>*
TIMEOUT_WAIT (6000)
(4) | MNSMS_SUBMIT_CNF |
| *<=====*
| |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON

	modify sms_sdu	SMS_MODIFY_NON SMS_SDU_CONC_1
(2) MNSMS_SUBMIT_CNF	mem_type rec_num cause tp_mr sms_sdu	MEM_SM SMS_RECORD_NOT_EXIST SMS_NO_ERROR NUM_2 SMS_SDU_EMPTY
(3) MNSMS_SUBMIT_REQ	mem_type rec_num condx modify sms_sdu	MEM_SM NUM_0 SMS_CONDX_OVR_NON SMS_MODIFY_NON SMS_SDU_CONC_2
(4) MNSMS_SUBMIT_CNF	mem_type rec_num cause tp_mr sms_sdu	MEM_SM SMS_RECORD_NOT_EXIST SMS_NO_ERROR NUM_2 SMS_SDU_EMPTY

## History:

26-11-2002	ef	initial
06-01-2003	ef	update to cause concept

#### 4.32.8 MFW714: Read the list of Short Messages and then delete all.

Description: Main Menu, Messages, Read, Back, Delete All.

Preamble: MFW704

```

      APL                      MMI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Messages */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Read */
(1) |                        | MNSMS_READ_REQ          |
      |                        | *=====>*
(2) |                        | MNSMS_READ_CNF          |
      |                        | *<=====*
```

```

TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* back */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* delete all */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* delete? OK */
(3) |                        | MNSMS_DELETE_REQ      |
      |                        | *=====>*
TIMEOUT_WAIT (6000)
(4) |                        | MNSMS_DELETE_CNF      |
      |                        | *<=====*
```

#### Parametrization:

Primitive	Parameter	Value
(1) MNSMS_READ_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	read_mode	READ_PREVIEW
	status	0xFF
(2) MNSMS_READ_CNF	mem_type	MEM_SM
	rec_num	REC_NUM_0
	rec_next	REC_NUM_1
	rec_max	NOT_USED
	cause	SIM_NO_ERROR
	rec_status	REC_NUM_1
	status	SMS_RECORD_STO_UNSENT
	sms_sdu	SMS_SDU_1
(3) MNSMS_DELETE_REQ	mem_type	MEM_SM
	rec_num	NUM_0
(4) MNSMS_DELETE_CNF		

mem_type	MEM_SM
rec_num	NUM_0
cause	SIM_NO_ERROR

## History:

09-09-2002	ef	initial
31-01-2003	ef	change cause in MNSMS_READ_CNF
24-04-2003	ef	update the sequence

**4.32.9 MFW716: Send an empty MO text message.**

Description: From the Idle screen, Main Menu, Messages, Write, enter number, Send.

Preamble: MFW700

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Messages */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Write */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* no text, Options */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		/* Send */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Select */
TIMEOUT_WAIT (4000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		/* Enter Number */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=1)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=8)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=0)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=5)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=3)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=7)		
TIMEOUT_WAIT (2000)		



```

COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT) /* Send */
(1) | | MNSMS_SUBMIT_REQ |
| | *=====> *
(2) | | MNSMS_SUBMIT_CNF |
| | *<===== *
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_NO_TEXT
(2) MNSMS_SUBMIT_CNF	mem_type	MEM_SM
	rec_num	SMS_RECORD_NOT_EXIST
	cause	SMS_NO_ERROR
	tp_mr	NUM_2
	sms_sdu	SMS_SDU_EMPTY

History:

15-07-2003 ef initial

**4.32.10 MFW720: A Class 0 MT Short Message is displayed on the MMI. Afterwards send a MO msg.**

Description: Main Menu, MT SM is indicated, Read, Select, and the message is displayed. Options, Menu Down to Reply and Select, enter optional text ("Eric") and Options. Menu Down to Send and enter number to send, Send.

Note: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.

Preamble: MFW700

```

      APL/ACI                      MMI                      PS
      |                            |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (4000)
(1) |
      |                            | MNSMS_MESSAGE_IND |
      |                            *<=====
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Read Message */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Options */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)           /* Reply */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)           /* Enter Text */
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)           /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)           /* "r" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)           /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)           /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)           /* Send */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)              /* Enter Number */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT) /* Send */
(2) | | MNSMS_SUBMIT_REQ |
| | *-----> *
(3) | | MNSMS_SUBMIT_CNF |
| | *-----*
TIMEOUT_WAIT (6000)
| |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_MESSAGE_IND	mem_type	MEM_SM
	rec_num	NUM_0
	rec_max	NUM_0
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_1
(2) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_1
(3) MNSMS_SUBMIT_CNF	mem_type	MEM_SM
	rec_num	SMS_RECORD_NOT_EXIST
	cause	NOT_USED
	tp_mr	NUM_2
	sms_sdu	SMS_SDU_EMPTY

## History:

13-09-2002	ef	initial
20-08-2003	ef	skip over the special chars à and á. Remove later.
08-10-2003	ef	characters à and á have been removed

**4.32.11 MFW723: Delete a saved msg. Check for error condition.**

Description: Main Menu, Messages, Write, enter text and Save. Delete the text and back up to the Delete All option and Select. Report an error back from the SIM

Note: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.



Preamble: MFW700

```

      APL                      MMI                      PS
      |                        |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* Menu */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Messages */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                 /* Write */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)                 /* Enter Text */
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)                 /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)                 /* "r" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)                 /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)                 /* "c" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Options */
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Save */
(1) |                        | MNSMS_STORE_REQ      |
      |                        *=====>*
(2) |                        | MNSMS_STORE_CNF      |
      |                        *<=====*
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* back to Messages Menu(Write) */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)                 /* Delete All */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)                /* Delete All? */
(3) |                        | MNSMS_DELETE_REQ  |
      |                        *=====>*
(4) |                        | MNSMS_DELETE_CNF  |
      |                        *<=====*
TIMEOUT_WAIT (2000)
      |                        |                        |

```

Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

(1) MNSMS_STORE_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	status	SMS_RECORD_STO_UNSENT
	sms_sdu	SMS_SDU_2
(2) MNSMS_STORE_CNF	mem_type	MEM_SM
	rec_num	NUM_0
	cause	SIM_NO_ERROR
(3) MNSMS_DELETE_REQ	mem_type	MEM_SM
	rec_num	NUM_0
(4) MNSMS_DELETE_CNF	mem_type	MEM_SM
	rec_num	NUM_0
	cause	SMS_CAUSE_SIM_BUSY

## History:

19-09-2002	ef	initial
20-08-2003	ef	skip over the special chars à and á. Remove later.
08-10-2003	ef	characters à and á have been removed

**4.32.12 MFW724: A MT Concatenated Short Message is indicated on the MMI. Read this message and Reply to it.**

Description: On the Idle screen, MT SM is indicated, Read, Select, and the message is displayed. Options, Menu Down to Reply and Select, enter optional text ("Eric") and Options. Menu Down to Send and enter number to send, Send.

Note1: for some reason the mnsms\_read\_req is sent to the sim twice, followed by a status check. Seems a bit odd.

Note2: Pass over the special characters à and á which appear on the ABC button. This will be removed at a later stage.



Preamble: MF700

```

      APL/ACI                MMI                PS
(1) |                        | MNSMS_MESSAGE_IND |
    |                        | *<===== *
(2) |                        | MNSMS_MESSAGE_IND |
    |                        | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Read Message */
(3) |                        | MNSMS_READ_REQ    |
    |                        | *=====> *
(4) |                        | MNSMS_READ_CNF    |
    |                        | *<===== *
(5) |                        | MNSMS_READ_REQ    |
    |                        | *=====> *
(6) |                        | MNSMS_READ_CNF    |
    |                        | *<===== *
TIMEOUT_WAIT (9000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
(7) |                        | MNSMS_READ_REQ    |
    |                        | *=====> *
(8) |                        | MNSMS_READ_CNF    |
    |                        | *<===== *
(9) |                        | MNSMS_READ_REQ    |
    |                        | *=====> *
(10) |                       | MNSMS_READ_CNF    |
    |                       | *<===== *
(11) |                       | MNSMS_READ_REQ    |
    |                       | *=====> *
(12) |                       | MNSMS_READ_CNF    |
    |                       | *<===== *
(13) |                       | MNSMS_READ_REQ    |
    |                       | *=====> *
(14) |                       | MNSMS_READ_CNF    |
    |                       | *<===== *
TIMEOUT_WAIT (9000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Options */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)           /* Reply */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Select */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)              /* Enter Text */
COMMAND (MMI CONFIG KEY_SEQUENCE=3)              /* "E" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)              /* "r" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)              /* "i" */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)              /* "c" */
TIMEOUT_WAIT (2000)

```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* Options */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN) /* Send */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* Enter Number, Send */
(15) | | MNSMS_SUBMIT_REQ |
| | *=====> *
(16) | | MNSMS_SUBMIT_CNF |
| | *<===== *
TIMEOUT_WAIT (6000)
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_MESSAGE_IND	mem_type	MEM_SM
	rec_num	NUM_1
	rec_max	NUM_2
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_1
(2) MNSMS_MESSAGE_IND	mem_type	MEM_SM
	rec_num	NUM_2
	rec_max	NUM_2
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_2
(3) MNSMS_READ_REQ	mem_type	MEM_SM
	rec_num	NUM_1
	read_mode	READ_PREVIEW
	status	0xFF
(4) MNSMS_READ_CNF	mem_type	MEM_SM
	rec_num	REC_NUM_1
	rec_next	REC_NUM_2
	rec_max	NUM_10
	cause	SIM_NO_ERROR
	rec_status	REC_NUM_1
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_1
(5) MNSMS_READ_REQ	mem_type	MEM_SM
	rec_num	NUM_2
	read_mode	READ_PREVIEW
	status	0xFF
(6) MNSMS_READ_CNF	mem_type	MEM_SM
	rec_num	REC_NUM_2
	rec_next	SMS_RECORD_NOT_EXIST
	rec_max	NUM_10
	cause	SIM_NO_ERROR
	rec_status	REC_NUM_2

	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_2
(7) MNSMS_READ_REQ	mem_type	MEM_SM
	rec_num	NUM_1
	read_mode	READ_PREVIEW
	status	0xFF
(8) MNSMS_READ_CNF	mem_type	MEM_SM
	rec_num	REC_NUM_1
	rec_next	REC_NUM_2
	rec_max	NUM_10
	cause	SIM_NO_ERROR
	rec_status	REC_NUM_1
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_1
(9) MNSMS_READ_REQ	mem_type	MEM_SM
	rec_num	NUM_2
	read_mode	READ_PREVIEW
	status	0xFF
(10) MNSMS_READ_CNF	mem_type	MEM_SM
	rec_num	REC_NUM_2
	rec_next	SMS_RECORD_NOT_EXIST
	rec_max	NUM_10
	cause	SIM_NO_ERROR
	rec_status	REC_NUM_2
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_2
(11) MNSMS_READ_REQ	mem_type	MEM_SM
	rec_num	NUM_1
	read_mode	READ_STATUS_CHANGE
	status	0xFF
(12) MNSMS_READ_CNF	mem_type	MEM_SM
	rec_num	REC_NUM_1
	rec_next	REC_NUM_2
	rec_max	NUM_10
	cause	SIM_NO_ERROR
	rec_status	REC_NUM_1
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_1
(13) MNSMS_READ_REQ	mem_type	MEM_SM
	rec_num	NUM_2
	read_mode	READ_STATUS_CHANGE
	status	0xFF
(14) MNSMS_READ_CNF	mem_type	MEM_SM
	rec_num	REC_NUM_2
	rec_next	SMS_RECORD_NOT_EXIST
	rec_max	NUM_10

	cause	SIM_NO_ERROR
	rec_status	REC_NUM_2
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_2
(15) MNSMS_SUBMIT_REQ		
	mem_type	MEM_SM
	rec_num	REC_NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_1
(16) MNSMS_SUBMIT_CNF		
	mem_type	MEM_SM
	rec_num	SMS_RECORD_NOT_EXIST
	cause	NOT_USED
	tp_mr	NUM_2
	sms_sdu	SMS_SDU_EMPTY

## History:

19-06-2003	ef	initial
20-08-2003	ef	skip over the special chars à and á. Remove later.
08-10-2003	ef	characters à and á have been removed

**4.32.13 MFW726: A MT Concatenated Short Message is indicated on the MMI. Read this message and call the number.**

Description: On the Idle screen, MT SM is indicated, Read, Select, and the message is displayed. Options, Menu Down to Call Number and Select

Note: for some reason the mnsms\_read\_req is sent to the sim twice, followed by a status check. Seems a bit odd.



Preamble: MF700

```

APL/ACI                                     MMI                                     PS
|                                           |                                           |
(1) |                                     | MNSMS_MESSAGE_IND |
|                                           | *<===== *
(2) |                                     | MNSMS_MESSAGE_IND |
|                                           | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Read Message */
(3) |                                     | MNSMS_READ_REQ   |
|                                           | *=====> *
(4) |                                     | MNSMS_READ_CNF   |
|                                           | *<===== *
(5) |                                     | MNSMS_READ_REQ   |
|                                           | *=====> *
(6) |                                     | MNSMS_READ_CNF   |
|                                           | *<===== *
TIMEOUT_WAIT (9000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Select */
(7) |                                     | MNSMS_READ_REQ   |
|                                           | *=====> *
(8) |                                     | MNSMS_READ_CNF   |
|                                           | *<===== *
(9) |                                     | MNSMS_READ_REQ   |
|                                           | *=====> *
(10) |                                    | MNSMS_READ_CNF   |
|                                           | *<===== *
(11) |                                    | MNSMS_READ_REQ   |
|                                           | *=====> *
(12) |                                    | MNSMS_READ_CNF   |
|                                           | *<===== *
(13) |                                    | MNSMS_READ_REQ   |
|                                           | *=====> *
(14) |                                    | MNSMS_READ_CNF   |
|                                           | *<===== *
TIMEOUT_WAIT (9000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Options */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)      /* Call Number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Enter Number, Call */
(15) |                                    | MNCC_SETUP_REQ   |
|                                           | *=====> *
(16) |                                    | SIM_SYNC_REQ     |
|                                           | *=====> *
(17) |                                    | SIM_SYNC_CNF     |
|                                           | *<===== *
(18) |                                    | MNCC_CALL_PROCEED_IND |
|                                           | *<===== *
TIMEOUT_WAIT (2000)
(19) |                                    | MNCC_ALERT_IND   |
|                                           | *<===== *

```



	rec_num	REC_NUM_1
	rec_next	REC_NUM_2
	rec_max	NUM_10
	cause	SIM_NO_ERROR
	rec_status	REC_NUM_1
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_1
(9) MNSMS_READ_REQ		
	mem_type	MEM_SM
	rec_num	NUM_2
	read_mode	READ_PREVIEW
	status	0xFF
(10) MNSMS_READ_CNF		
	mem_type	MEM_SM
	rec_num	REC_NUM_2
	rec_next	SMS_RECORD_NOT_EXIST
	rec_max	NUM_10
	cause	SIM_NO_ERROR
	rec_status	REC_NUM_2
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_2
(11) MNSMS_READ_REQ		
	mem_type	MEM_SM
	rec_num	NUM_1
	read_mode	READ_STATUS_CHANGE
	status	0xFF
(12) MNSMS_READ_CNF		
	mem_type	MEM_SM
	rec_num	REC_NUM_1
	rec_next	REC_NUM_2
	rec_max	NUM_10
	cause	SIM_NO_ERROR
	rec_status	REC_NUM_1
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_1
(13) MNSMS_READ_REQ		
	mem_type	MEM_SM
	rec_num	NUM_2
	read_mode	READ_STATUS_CHANGE
	status	0xFF
(14) MNSMS_READ_CNF		
	mem_type	MEM_SM
	rec_num	REC_NUM_2
	rec_next	SMS_RECORD_NOT_EXIST
	rec_max	NUM_10
	cause	SIM_NO_ERROR
	rec_status	REC_NUM_2
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_2
(15) MNCC_SETUP_REQ		
	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE

	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(16) SIM_SYNC_REQ		
	synccs	SYNC_START_CALL
(17) SIM_SYNC_CNF		
	cause	SIM_NO_ERROR
(18) MNCC_CALL_PROCEED_IND		
	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
(19) MNCC_ALERT_IND		
	ti	TI_MO_0
	progress_desc	PROG_NOT_PRES
(20) MNCC_SETUP_CNF		
	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_NOT_PRES
	connected_number	CONNECTED_NUMBER_01317180537
	connected_number_sub	CONNECTED_PARTY_SUB_NONE

## History:

26-06-2003            ef            initial

#### 4.32.14 MFW728: A MT Concatenated Short Message is indicated on the MMI. Read this message and extract number.

Description: On the Idle screen, MT SM is indicated, Read, Select, and the message is displayed. Options, Menu Down to Extract Number and Select.

Note: for some reason the mnsms\_read\_req is sent to the sim twice, followed by a status check. Seems a bit odd.

Preamble: MFW700

```

APL/ACI                                     MMI                                     PS
|                                           |                                           |
(1) |                                     | MNSMS_MESSAGE_IND |
|                                           | *<===== *
(2) |                                     | MNSMS_MESSAGE_IND |
|                                           | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Read Message */
(3) |                                     | MNSMS_READ_REQ   |
|                                           | *===== > *
(4) |                                     | MNSMS_READ_CNF   |
|                                           | *<===== *
(5) |                                     | MNSMS_READ_REQ   |
|                                           | *===== > *
(6) |                                     | MNSMS_READ_CNF   |
|                                           | *<===== *
TIMEOUT_WAIT (9000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Select */
(7) |                                     | MNSMS_READ_REQ   |
|                                           | *===== > *
(8) |                                     | MNSMS_READ_CNF   |
|                                           | *<===== *
(9) |                                     | MNSMS_READ_REQ   |
|                                           | *===== > *
(10) |                                    | MNSMS_READ_CNF   |
|                                           | *<===== *
(11) |                                    | MNSMS_READ_REQ   |
|                                           | *===== > *
(12) |                                    | MNSMS_READ_CNF   |
|                                           | *<===== *
(13) |                                    | MNSMS_READ_REQ   |
|                                           | *===== > *
(14) |                                    | MNSMS_READ_CNF   |
|                                           | *<===== *
TIMEOUT_WAIT (9000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Options */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)      /* Extract Number */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Select */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)      /* number back */
|                                           |                                           |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_MESSAGE_IND	mem_type	MEM_SM
	rec_num	NUM_1
	rec_max	NUM_2
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_1



(2) MNSMS_MESSAGE_IND	mem_type rec_num rec_max status sms_sdu	MEM_SM NUM_2 NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2
(3) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_1 READ_PREVIEW 0xFF
(4) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_1 REC_NUM_2 NUM_10 SIM_NO_ERROR REC_NUM_1 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_1
(5) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_2 READ_PREVIEW 0xFF
(6) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_2 SMS_RECORD_NOT_EXIST NUM_10 SIM_NO_ERROR REC_NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2
(7) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_1 READ_PREVIEW 0xFF
(8) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_1 REC_NUM_2 NUM_10 SIM_NO_ERROR REC_NUM_1 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_1
(9) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_2 READ_PREVIEW 0xFF

(10) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_2 SMS_RECORD_NOT_EXIST NUM_10 SIM_NO_ERROR REC_NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2
(11) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_1 READ_STATUS_CHANGE 0xFF
(12) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_1 REC_NUM_2 NUM_10 SIM_NO_ERROR REC_NUM_1 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_1
(13) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_2 READ_STATUS_CHANGE 0xFF
(14) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_2 SMS_RECORD_NOT_EXIST NUM_10 SIM_NO_ERROR REC_NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2

## History:

26-06-2003	ef	initial
------------	----	---------

**4.32.15 MFW730: A MT Concatenated Short Message is indicated on the MMI. Read this message, edit and Discard.**

Description: On the Idle screen, MT SM is indicated, Read, Select, and the message is displayed. Options, Menu Down to Edit , Options, Discard.

Note: fo some reason the mnsms\_read\_req is sent to the sim twice, followed by a status check. Seems a bit odd.

Preamble: MF700

```

APL/ACI                                     MMI                                     PS
|                                           |                                           |
(1) |                                     | MNSMS_MESSAGE_IND |
|                                           | *<===== *
(2) |                                     | MNSMS_MESSAGE_IND |
|                                           | *<===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Read Message*/
(3) |                                     | MNSMS_READ_REQ   |
|                                           | *=====> *
(4) |                                     | MNSMS_READ_CNF   |
|                                           | *<===== *
(5) |                                     | MNSMS_READ_REQ   |
|                                           | *=====> *
(6) |                                     | MNSMS_READ_CNF   |
|                                           | *<===== *
TIMEOUT_WAIT (9000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Select */
(7) |                                     | MNSMS_READ_REQ   |
|                                           | *=====> *
(8) |                                     | MNSMS_READ_CNF   |
|                                           | *<===== *
(9) |                                     | MNSMS_READ_REQ   |
|                                           | *=====> *
(10) |                                    | MNSMS_READ_CNF   |
|                                           | *<===== *
(11) |                                    | MNSMS_READ_REQ   |
|                                           | *=====> *
(12) |                                    | MNSMS_READ_CNF   |
|                                           | *<===== *
(13) |                                    | MNSMS_READ_REQ   |
|                                           | *=====> *
(14) |                                    | MNSMS_READ_CNF   |
|                                           | *<===== *
TIMEOUT_WAIT (9000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Options */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Edit */
TIMEOUT_WAIT (5000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* options */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)      /* Discard */
TIMEOUT_WAIT (4000)
|                                           |                                           |

```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------



(1) MNSMS_MESSAGE_IND	mem_type rec_num rec_max status sms_sdu	MEM_SM NUM_1 NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_1
(2) MNSMS_MESSAGE_IND	mem_type rec_num rec_max status sms_sdu	MEM_SM NUM_2 NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2
(3) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_1 READ_PREVIEW 0xFF
(4) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_1 REC_NUM_2 NUM_10 SIM_NO_ERROR REC_NUM_1 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_1
(5) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_2 READ_PREVIEW 0xFF
(6) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_2 SMS_RECORD_NOT_EXIST NUM_10 SIM_NO_ERROR REC_NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2
(7) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_1 READ_PREVIEW 0xFF
(8) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_1 REC_NUM_2 NUM_10 SIM_NO_ERROR REC_NUM_1 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_1

(9) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_2 READ_PREVIEW 0xFF
(10) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_2 SMS_RECORD_NOT_EXIST NUM_10 SIM_NO_ERROR REC_NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2
(11) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_1 READ_STATUS_CHANGE 0xFF
(12) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_1 REC_NUM_2 NUM_10 SIM_NO_ERROR REC_NUM_1 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_1
(13) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_2 READ_STATUS_CHANGE 0xFF
(14) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_2 SMS_RECORD_NOT_EXIST NUM_10 SIM_NO_ERROR REC_NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2

## History:

26-06-2003	ef	initial
------------	----	---------

**4.32.16 MFW732: A MT Concatenated Short Message is indicated on the MMI. Read this message and Delete.**

Description: On the Idle screen, MT SM is indicated, Read, Select, and the message is displayed. Options, Delete.

Note: for some reason the mnsms\_read\_req is sent to the sim twice, followed by a status check. Seems a bit odd.

Preamble: MF700

```

APL/ACI                               MMI                               PS
|                                     |                               |
(1) |                                 | MNSMS_MESSAGE_IND           |
|                                     | *<=====>*                 |
(2) |                                 | MNSMS_MESSAGE_IND           |
|                                     | *<=====>*                 |
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Read Message */
(3) |                                 | MNSMS_READ_REQ             |
|                                     | *=====>*                   |
(4) |                                 | MNSMS_READ_CNF             |
|                                     | *<=====>*                 |
(5) |                                 | MNSMS_READ_REQ             |
|                                     | *=====>*                   |
(6) |                                 | MNSMS_READ_CNF             |
|                                     | *<=====>*                 |
TIMEOUT_WAIT (9000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Select */
(7) |                                 | MNSMS_READ_REQ             |
|                                     | *=====>*                   |
(8) |                                 | MNSMS_READ_CNF             |
|                                     | *<=====>*                 |
(9) |                                 | MNSMS_READ_REQ             |
|                                     | *=====>*                   |
(10) |                                | MNSMS_READ_CNF             |
|                                     | *<=====>*                 |
(11) |                                | MNSMS_READ_REQ             |
|                                     | *=====>*                   |
(12) |                                | MNSMS_READ_CNF             |
|                                     | *<=====>*                 |
(13) |                                | MNSMS_READ_REQ             |
|                                     | *=====>*                   |
(14) |                                | MNSMS_READ_CNF             |
|                                     | *<=====>*                 |
TIMEOUT_WAIT (9000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Options */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT) /* Delete */
(15) |                                | MNSMS_DELETE_REQ           |
|                                     | *=====>*                   |
TIMEOUT_WAIT (6000)
(16) |                                | MNSMS_DELETE_CNF           |
|                                     | *<=====>*                 |
TIMEOUT_WAIT (6000)
|                                     |                               |
    
```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_MESSAGE_IND	mem_type	MEM_SM
	rec_num	NUM_1
	rec_max	NUM_2
	status	SMS_RECORD_REC_UNREAD
	sms_sdu	SMS_SDU_MT_CONC_1



(2) MNSMS_MESSAGE_IND	mem_type rec_num rec_max status sms_sdu	MEM_SM NUM_2 NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2
(3) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_1 READ_PREVIEW 0xFF
(4) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_1 REC_NUM_2 NUM_10 SIM_NO_ERROR REC_NUM_1 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_1
(5) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_2 READ_PREVIEW 0xFF
(6) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_2 SMS_RECORD_NOT_EXIST NUM_10 SIM_NO_ERROR REC_NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2
(7) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_1 READ_PREVIEW 0xFF
(8) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_1 REC_NUM_2 NUM_10 SIM_NO_ERROR REC_NUM_1 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_1
(9) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_2 READ_PREVIEW 0xFF

(10) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_2 SMS_RECORD_NOT_EXIST NUM_10 SIM_NO_ERROR REC_NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2
(11) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_1 READ_STATUS_CHANGE 0xFF
(12) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_1 REC_NUM_2 NUM_10 SIM_NO_ERROR REC_NUM_1 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_1
(13) MNSMS_READ_REQ	mem_type rec_num read_mode status	MEM_SM NUM_2 READ_STATUS_CHANGE 0xFF
(14) MNSMS_READ_CNF	mem_type rec_num rec_next rec_max cause rec_status status sms_sdu	MEM_SM REC_NUM_2 SMS_RECORD_NOT_EXIST NUM_10 SIM_NO_ERROR REC_NUM_2 SMS_RECORD_REC_UNREAD SMS_SDU_MT_CONC_2
(15) MNSMS_DELETE_REQ	mem_type rec_num	MEM_SM NUM_1
(16) MNSMS_DELETE_CNF	mem_type rec_num cause	MEM_SM NUM_1 SIM_NO_ERROR

## History:

16-07-2003

ef

initial

**4.32.17 MF736: Set Voicemail then call Voicemail.**

Description: From the Idle screen, Menu, Messages, Voicemail, Set Voicemail, Call Voicemail.

Preamble: MF700

```

      APL/ACI                      MMI                      PS
      |                            |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* messages */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* voicemail */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Set Voicemail */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=8)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=0)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=5)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=7)
TIMEOUT_WAIT (1000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* Voicemail number */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)          /* call voicemail */
(1) |                               | MNCC_SETUP_REQ |
    |                               | *=====>*
(2) |                               | SIM_SYNC_REQ  |
    |                               | *=====>*

```

(3)			SIM_SYNC_CNF	
			* <=====	
(4)			MNCC_CALL_PROCEED_IND	
			* <=====	
TIMEOUT_WAIT (2000)				
(5)			MNCC_ALERT_IND	
			* <=====	
(6)			MNCC_SETUP_CNF	
			* <=====	

**Parametrization:**

Primitive	Parameter	Value
(1) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
fac_inf	NOT_USED	
(2) SIM_SYNC_REQ	synccs	SYNC_START_CALL
	cause	SIM_NO_ERROR
(3) SIM_SYNC_CNF	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
(4) MNCC_CALL_PROCEED_IND	bcpara2	BC_PARA_NO_SERVICE
	ti	TI_MO_0
(5) MNCC_ALERT_IND	progress_desc	PROG_NOT_PRES
	ti	TI_MO_0
(6) MNCC_SETUP_CNF	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_NOT_PRES
	connected_number	CONNECTED_NUMBER_01317180537
	connected_number_sub	CONNECTED_PARTY_SUB_NONE
	ti	TI_MO_0

**History:**

05-08-2003	ef	initial
------------	----	---------

#### 4.32.18 MF740: Activate Cell Broadcast and Read. Start new Broadcast.

Description: From the Idle screen, Menu, Messages, Broadcast, Activate, On, Read, new Broadcast

Preamble: MF740

```

APL/ACI                                     MMI                                     PS
|                                           |                                           |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)    /* menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* messages */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* broadcast */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* Activate */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* On */
(1) |                                     | MNSMS_CONFIGURE_REQ |
|                                     | *=====>*
(2) |                                     | MMI_CBCH_REQ       |
|                                     | *=====>*
(3) |                                     | MMI_CBCH_IND       |
|                                     | *<=====*
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)    /* menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* read */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)    /* new broadcast */
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY7)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)
COMMAND (MMI CONFIG KEY_SEQUENCE=KEY2)

```



```

TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* name of broadcast */
TIMEOUT_WAIT (4000)
COMMAND (MMI CONFIG KEY_SEQUENCE=1)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
COMMAND (MMI CONFIG KEY_SEQUENCE=3)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* MID */
(4) | | MNSMS_CONFIGURE_REQ |
| | *=====>*
(5) | | MMI_CBCH_REQ |
| | *=====>*
(6) | | MMI_CBCH_REQ |
| | *=====>*
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* List */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT) /* save */
| | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) MNSMS_CONFIGURE_REQ	pref_mem_3	MEM_SM
	mt	MT0
	ds	DS0
	mhc	SMS_MHC_PH2
(2) MMI_CBCH_REQ	msg_id	CBCH_MSG_IDS
	dcs_id	CBCH_DCS_IDS
	modus	CBCH_ACCEPT
(3) MMI_CBCH_IND	cbch_msg	CBCH_MSG_1
	cbch_len	NUM_9
(4) MNSMS_CONFIGURE_REQ	pref_mem_3	MEM_SM
	mt	MT0
	ds	DS0
	mhc	SMS_MHC_PH2
(5) MMI_CBCH_REQ	msg_id	CBCH_MSG_IDS
	dcs_id	CBCH_DCS_IDS
	modus	CBCH_ACCEPT
(6) MMI_CBCH_REQ	msg_id	CBCH_MSG_IDS_NEW_BC
	dcs_id	CBCH_DCS_IDS
	modus	CBCH_ACCEPT

**History:**

16-07-2003	ef	initial
------------	----	---------

### **4.33 MMI Component Tests - case : Main Menu, Phone Settings, GPRS.**

#### **4.33.1 MFW750: GPRS Attach from the Main Menu.**

Description: Main Menu, Phone Settings, GPRS, Attach.

Note: The 5 secs delay is essential to allow the Idle window time to appear.

Preamble: MFW001

APL/ACI	MMI	PS
COMMAND (MMI CONFIG CLASS_A)		
(1)	SIM_ACTIVATE_REQ	
	*=====>*	
(2)	SIM_ACTIVATE_CNF	
	*<=====*	
(3)	SIM_MMI_INSERT_IND	
	*<=====*	
(4)	SIM_READ_REQ	
	*=====>*	
(5)	SIM_READ_REQ	
	*=====>*	
(6)	SIM_READ_REQ	
	*=====>*	
(7)	GMMREG_PLMN_MODE_REQ	
	*=====>*	
(8)	GMMREG_ATTACH_REQ	
	*=====>*	
TIMEOUT_WAIT (6000)		
(9)	SIM_READ_CNF	
	*<=====*	
(10)	SIM_READ_CNF	
	*<=====*	
(11)	SIM_READ_CNF	
	*<=====*	
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* Menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* phone settings */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* GPRS */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* attach */
(12)	GMMREG_ATTACH_REQ	
	*=====>*	
(13)	GMMREG_ATTACH_CNF	
	*<=====*	
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* accept the confirmation msg */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		

```

COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 NO_EC_CODES NO_PREF_LANG
(3) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_ENABLED F_SIM_SRV_4 IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(4) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(5) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(6) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_CPHS_CINF NOT_PRESENT_8BIT NUM_3
(7) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(8) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode	GMMREG_CLASS_A GMMREG_AT_IMSI SERVICE_MODE_FULL

	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(9) SIM_READ_CNF	datafield	SIM_ECC
	cause	SIM_NO_ERROR
	length	NUM_12
	trans_data	A_ECC_FIELD
(10) SIM_READ_CNF	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(11) SIM_READ_CNF	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(12) GMMREG_ATTACH_REQ	mobile_class	GMMREG_CLASS_A
	attach_type	GMMREG_AT_GPRS
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(13) GMMREG_ATTACH_CNF	attach_type	GMMREG_AT_GPRS
	plmn	PLMN_262_14
	lac	LAC_1234
	rac	RAC_89
	cid	CID_0001
	gprs_indicator	GMM_GPRS_SUPP_YES
	search_running	GMMREG_SEARCH_NOT_RUNNING

## History:

24-09-2002	ef	initial
08-10-2002	ef	changes to allow the PIN window first
03-02-2003	ef	change to menu
10-06-2003	ef	add SIM_ACTIVATE_REQ signal and back to main menu

### 4.33.2 MFW752: GPRS Attach from the Main Menu. Attach is rejected by the network.

Description: Main Menu, Phone Settings, GPRS, Attach.

Preamble: MFW001

```

APL/ACI                      MMI                      PS
|                             |                      |
COMMAND (MMI CONFIG CLASS_A)
(1) |                          |      SIM_ACTIVATE_REQ      |
|                             | *=====>*
(2) |                          |      SIM_ACTIVATE_CNF      |
|                             | *<=====*
(3) |                          |      SIM_MMI_INSERT_IND     |
|                             | *<=====*
(4) |                          |      SIM_READ_REQ           |
|                             | *=====>*
(5) |                          |      SIM_READ_REQ           |
|                             | *=====>*
(6) |                          |      SIM_READ_REQ           |
|                             | *=====>*
(7) |                          |      GMMREG_ATTACH_REQ      |
|                             | *=====>*
(8) |                          |      GMMREG_PLMN_MODE_REQ   |
|                             | *=====>*
TIMEOUT_WAIT (6000)
(9) |                          |      SIM_READ_CNF           |
|                             | *<=====*
(10) |                          |      SIM_READ_CNF           |
|                             | *<=====*
(11) |                          |      SIM_READ_CNF           |
|                             | *<=====*
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* phone settings */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* GPRS */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* attach */
(12) |                          |      GMMREG_ATTACH_REQ      |
|                             | *=====>*
(13) |                          |      GMMREG_ATTACH_REJ      |
|                             | *<=====*
TIMEOUT_WAIT (2000)
|                             |                             |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_ACTIVATE_REQ	proc mmi_pro_file stk_pro_file	SIM_INITIALISATION MMI_AND_FDN_BDN STK_SUPPORTED
(2) SIM_ACTIVATE_CNF	cause pin_cnt puk_cnt pin2_cnt puk2_cnt ec_code pref_lang	SIM_NO_ERROR NUM_3 NUM_10 NUM_3 NUM_10 NO_EC_CODES NO_PREF_LANG
(3) SIM_MMI_INSERT_IND	func sim_serv imsi_field pref_plmn phase access_acm access_acmmax access_puct	SIM_ADN_ENABLED F_SIM_SRV_4 IMSI PREF_PLMN PHASE_2_SIM ACCESS_ALWAYS ACCESS_ALWAYS ACCESS_ALWAYS
(4) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_ECC NOT_PRESENT_8BIT NUM_0
(5) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_AD NOT_PRESENT_8BIT NUM_0
(6) SIM_READ_REQ	source offset datafield length max_length	SRC_MMI NUM_0 SIM_CPHS_CINF NOT_PRESENT_8BIT NUM_3
(7) GMMREG_ATTACH_REQ	mobile_class attach_type service_mode t3314_ready_val t3312_standby_rau_val	GMMREG_CLASS_A GMMREG_AT_IMSI SERVICE_MODE_FULL VAL_T3314 VAL_T3312
(8) GMMREG_PLMN_MODE_REQ	net_selection_mode	GMMREG_NET_SEL_MODE_AUTO
(9) SIM_READ_CNF	datafield cause	SIM_ECC SIM_NO_ERROR

	length	NUM_12
	trans_data	A_ECC_FIELD
(10) SIM_READ_CNF		
	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(11) SIM_READ_CNF		
	datafield	SIM_AD
	cause	SIM_NO_ERROR
	length	NUM_4
	trans_data	A_AD_FIELD_CI_DISABLED
(12) GMMREG_ATTACH_REQ		
	mobile_class	GMMREG_CLASS_A
	attach_type	GMMREG_AT_GPRS
	service_mode	SERVICE_MODE_FULL
	t3314_ready_val	VAL_T3314
	t3312_standby_rau_val	VAL_T3312
(13) GMMREG_ATTACH_REJ		
	detach_type	GMMREG_AT_GPRS
	cause	MMCS_NETWORK_FAILURE
	search_running	GMMREG_SEARCH_RUNNING

## History:

25-09-2002	ef	initial
08-10-2002	ef	changes to allow the PIN window first
19-12-2002	ef	change the cause type
03-02-2003	ef	change to menu

**4.33.3 MFW754: GPRS Detach from the Main Menu.**

Description: Main Menu, Phone Settings, GPRS, Detach.

Preamble: MFW750

```

    APL/ACI                      MMI                      PS
    |                              |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* phone settings */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* GPRS */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(1) |                               | GMMREG_DETACH_REQ |
    |                               | *=====>*         |
TIMEOUT_WAIT (6000)
(2) |                               | GMMREG_DETACH_CNF |
    |                               | *<=====*         |
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* accept the confirmation msg */
TIMEOUT_WAIT (2000)
    |                               |

```

**Parametrization:**

Primitive	Parameter	Value
(1) GMMREG_DETACH_REQ	detach_type	GMMREG_DT_GPRS
(2) GMMREG_DETACH_CNF	detach_type	GMMREG_DT_GPRS

History:

25-09-2002      ef      initial



**4.33.4 MFW756: SMS CSD Preferred Attach from the Main Menu, same as the default settings, so no change.**

Description: Main Menu, Phone Settings, GPRS, SMS, CSD Preferred Attach.

Preamble: MFW750

```

      APL/ACI                      MMI                      PS
      |                            |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* phone settings */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* GPRS */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* SMS */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* CSD preferred */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* accept the confirmation msg */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
      |                            |                        |
    
```

**Parametrization:**

Primitive	Parameter	Value
-----------	-----------	-------

History:

30-09-2002	ef	initial
08-10-2002	ef	changes to allow the PIN window first
03-02-2003	ef	change to menu
09-06-2003	ef	return to main menu

#### 4.33.5 MFW757: SMS GPRS Attach from the Main Menu..

Description: Main Menu, Phone Settings, GPRS, SMS, GPRS Attach..

Preamble: MFW750

```

APL/ACI          MMI          PS
|                |                |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Phone Settings */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* gprs */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* SMS */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* GPRS */
(1) |                | MNSMS_MO_SERV_REQ |
    |                | *=====>*
(2) |                | MNSMS_MO_SERV_CNF |
    |                | *<=====*
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* accept confirmation msg */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)

|                |                |

```

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------



- |                       |             |                    |
|-----------------------|-------------|--------------------|
| (1) MNSMS_MO_SERV_REQ | mo_sms_serv | GPRS_SMS_GPRS_ONLY |
| (2) MNSMS_MO_SERV_CNF | mo_sms_serv | GPRS_SMS_GPRS_ONLY |

History:

09-06-2003	ef	initial
08-10-2003	ef	menu change, GPRS is now 1 <sup>st</sup> item

#### 4.33.6 MFW758: SMS CSD Attach from the Main Menu..

Description: Main Menu, Phone Settings, GPRS, SMS, CSD Attach.

Preamble: MFW750

```

      APL/ACI                      MMI                      PS
      |                            |                        |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)                /* menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* Phone Settings */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* GPRS */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* SMS */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)                /* CSD attach */
(1) |                               | MNSMS_MO_SERV_REQ |
    |                               | *=====>*
(2) |                               | MNSMS_MO_SERV_CNF |
    |                               | *<=====*
```

COMMAND (MMI CONFIG KEY\_SEQUENCE=LISOFT) /\* accept confirmation msg \*/  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=RSOFT)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=RSOFT)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=RSOFT)  
TIMEOUT\_WAIT (2000)  
COMMAND (MMI CONFIG KEY\_SEQUENCE=RSOFT) /\* back to idle screen \*/  
TIMEOUT\_WAIT (2000)

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------



- (1) MNSMS\_MO\_SERV\_REQ  
mo\_sms\_serv GPRS\_SMS\_CCT\_ONLY
- (2) MNSMS\_MO\_SERV\_CNF  
mo\_sms\_serv GPRS\_SMS\_CCT\_ONLY

History:

09-06-2003	ef	initial
08-10-2003	ef	menu change, CSD is now 2 <sup>nd</sup> item

#### 4.33.7 MFW759: SMS GPRS Preferred Attach from the Main Menu..

Description: Main Menu, Phone Settings, GPRS, SMS, GPRS Preferred Attach.

Preamble: MFW750

```

      APL/ACI                      MMI                      PS
      |                               |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* Phone Settings */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* GPRS */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* SMS */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* GPRS preferred */
(1) |                               | MNSMS_MO_SERV_REQ |
    |                               | *=====> *
(2) |                               | MNSMS_MO_SERV_CNF |
    |                               | *<===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* accept confirmation msg */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* back to idle screen */
TIMEOUT_WAIT (2000)

```

Parametrization:



<u>Primitive</u>	<u>Parameter</u>	<u>Value</u>
(1) MNSMS_MO_SERV_REQ	mo_sms_serv	GPRS_SMS_GPRS_PREF
(2) MNSMS_MO_SERV_CNF	mo_sms_serv	GPRS_SMS_GPRS_PREF

## History:

10-06-2003	ef	initial
08-10-2003	ef	menu change, GPRS preferred is now 3 <sup>rd</sup> item

#### 4.33.8 MFW760: Data Count from the Main Menu, Incoming

Description: Main Menu, Phone Settings, GPRS, Data Count, Incoming.

Preamble: MFW750

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Phone Settings */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* GPRS */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Data Count */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Incoming Calls */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* accept confirmation msg */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* back to idle screen */
TIMEOUT_WAIT (2000)		

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History:	10-06-2003	ef	initial
----------	------------	----	---------

#### 4.33.9 MFW761: Data Count from the Main Menu, Outgoing

Description: Main Menu, Phone Settings, GPRS, Data Count, Outgoing.

Preamble: MFW750

APL/ACI	MMI	PS
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* menu */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Phone Settings */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* GPRS */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Data Count */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* Outgoing Calls */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		/* accept confirmation msg */
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)		/* back to idle screen */
TIMEOUT_WAIT (2000)		

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History:	10-06-2003	ef	initial
----------	------------	----	---------

#### 4.33.10 MFW764: Main Menu, Define a PDP Context.

Description: Main Menu, Phone Settings, GPRS, GPRS Context Define.

Note1: These PDP tests are not necessary yet, as the Menu is not included in the build. However in the future....

Note2: The PDP context is hard coded GGSN name and IP address. This will change if ever this Menu is included.

Preamble: MFW750

```

      APL/ACI                      MMI                      PS
      |                            |                      |
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT)          /* Menu */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* phone settings */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* GPRS */
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=DOWN)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)          /* GPRS Context Define */
TIMEOUT_WAIT (5000)
      |                            |                      |

```

#### Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------

History:

28-08-2003	ef	initial
------------	----	---------

#### 4.33.11 MFW766: Main Menu, Activate a PDP Context. This test fails as there is no menu for context define(yet).

Description: Main Menu, Phone Settings, GPRS, GPRS Activate.

Note: If and when a menu is used again for GPRS Context Definition and Activation then we can use this test.



Preamble: MFW764

```

APL/ACI                               MMI                               PS
|                                     |                               |
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT) /* GPRS Activate */
(1) |                                 | SMREG_PDP_ACTIVATE_REQ |
|                                     | *=====> *
TIMEOUT_WAIT (5000)
|                                     |                               |

```

Parametrization:

Primitive	Parameter	Value
(1) SMREG_PDP_ACTIVATE_REQ	direc	DIREC_MO
	ppp_hc	SMREG_VAN_NOT_USED
	msid	MAX_SLOT_ID_0
	dcomp	SMREG_COMP_NEITHER_DIRECT
	hcomp	SMREG_COMP_NEITHER_DIRECT
	pdp_type	IP_V_4
	smreg_qos	SMREG_QOS_0
	smreg_min_qos	SMREG_QOS_0
	smreg_nsapi	SMREG_NSAPI_5
	smreg_ti	NOT_USED
	pdp_address	PDP_ADDRESS_1
	smreg_apn	SMREG_APN_NAME
	dti_linkid	DTI_LINKID_NAME
	dti_neighbor	DTI_NEIGHBOR_NAME
	dti_direction	SMREG_NEIGHBOR
	sdu	SMREG_CODING_OPTIONS

History: 28-08-2003 ef initial

### 4.34 MMI Component Tests - case : SIM Application Toolkit.

#### 4.34.1 MFW800: SIM Toolkit request to display text, less than 128 bytes.

Description: In the Idle screen, the SIM application toolkit requests a display. The display waits for 10 second s.

Preamble: MFW011

```

APL/ACI                               MMI                               PS
|                                     |                               |
(1) |                                 | SIM_TOOLKIT_IND |
|                                     | *<===== *
TIMEOUT_WAIT (8000)
(2) |                                 | SIM_TOOLKIT_RES |
|                                     | *=====> *
TIMEOUT_WAIT (8000)
|                                     |                               |

```

Parametrization:

Primitive	Parameter	Value
-----------	-----------	-------



(1)	SIM_TOOLKIT_IND	stk_cmd	STK_DISPLAY_TEXT_SHORT
(2)	SIM_TOOLKIT_RES	stk_cmd	STK_TERM_RESP_DISPLAY_TEXT

History: 26-02-2003 ef initial

**4.34.2 MFW802: SIM Toolkit Setup the Main Menu.**

Description: In the Idle screen, the SIM application toolkit requests the main menu Application Toolkit

Preamble: MFW011

APL/ACI	MMI	PS
(1)	SIM_TOOLKIT_IND	
	* <=====*	
(2)	SIM_TOOLKIT_RES	
	* =====>*	
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_TOOLKIT_IND	stk_cmd	STK_SETUP_MENU
(2) SIM_TOOLKIT_RES	stk_cmd	STK_TERM_RESP_SETUP_MENU

History: 28-02-2003 ef initial

**4.34.3 MFW804: SIM Toolkit Select Item From the Application Toolkit Menu.**

Description: In the Sim Application Main Menu, the SIM requests an Item from the Toolkit Application Menu previously created. The Response is issued after the item is selected by the accept key.

Preamble: MFW802

APL/ACI	MMI	PS
(1)	SIM_TOOLKIT_IND	
	* <=====*	
TIMEOUT_WAIT (2000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
(2)	SIM_TOOLKIT_RES	
	* =====>*	
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_TOOLKIT_IND	stk_cmd	STK_SELECT_ITEM
(2) SIM_TOOLKIT_RES	stk_cmd	STK_TERM_RESP_SELECT_ITEM

History:

28-02-2003	ef	initial
------------	----	---------

#### 4.34.4 MFW806: SIM Toolkit, The Menu Item selected requests a key input.

Description: From the Item selected , the SIM requests an answer from the keypad. Response issued after item is selected by accept key.

Preamble: MFW804

```

APL/ACI                      MMI                      PS
|                             |                      |
(1) |                           | SIM_TOOLKIT_IND      |
|                             | * <===== *
TIMEOUT_WAIT (8000)
COMMAND (MMI CONFIG KEY_SEQUENCE=9)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(2) |                           | SIM_TOOLKIT_RES      |
|                             | * =====> *
TIMEOUT_WAIT (15000)
|                             |                      |

```

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_TOOLKIT_IND	stk_cmd	STK_GET_INKEY
(2) SIM_TOOLKIT_RES	stk_cmd	STK_TERM_RESP_GET_INKEY

History:

05-03-2003	ef	initial
------------	----	---------

**4.34.5 MFW808: SIM Toolkit,.The Menu Item requests a minimum of 3 characters.**

Description: From the Item selected , the SIM requests an answer from the keypad. The minimum 3 characters are input and the Response issued after accept key pressed.

Preamble: MFW804

```
APL/ACI                      MMI                      PS
|                             |                       |
(1) |                         |      SIM_TOOLKIT_IND  |
|                             | *<===== *
TIMEOUT_WAIT (8000)
COMMAND (MMI CONFIG KEY_SEQUENCE=2)
TIMEOUT_WAIT (2000)
```



```

COMMAND (MMI CONFIG KEY_SEQUENCE=3)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=4)
TIMEOUT_WAIT (2000)
COMMAND (MMI CONFIG KEY_SEQUENCE=L$OFT)
(2) | | | SIM_TOOLKIT_RES |
| | | *=====> *
TIMEOUT_WAIT (8000)
| | | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_TOOLKIT_IND	stk_cmd	STK_GET_INPUT
(2) SIM_TOOLKIT_RES	stk_cmd	STK_TERM_RESP_GET_INPUT

History: 05-03-2003 ef initial

**4.34.6 MFW810: SIM Toolkit,.Send a Short Message.**

Description: From the Item selected , the SIM forwards a Short Message to the MMI for transmission to the network. After the SMS delivery report has been received, the Terminal response is forwarded to the SIM. Note that the SMS entity must have indicated enabled in the preamble.

Preamble: MFW430

```

APL/ACI | | | MMI | | | PS
(1) | | | | SIM_TOOLKIT_IND |
| | | *<===== *
(2) | | | | MNSMS_SUBMIT_REQ |
| | | *=====> *
(3) | | | | MNSMS_SUBMIT_CNF |
| | | *<===== *
(4) | | | | SIM_TOOLKIT_RES |
| | | *=====> *
TIMEOUT_WAIT (2000)
| | | | |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_TOOLKIT_IND	stk_cmd	STK_SEND_SMS
(2) MNSMS_SUBMIT_REQ	mem_type	MEM_SM
	rec_num	NUM_0
	condx	SMS_CONDX_OVR_NON
	modify	SMS_MODIFY_NON
	sms_sdu	SMS_SDU_STK

(3) MNSMS\_SUBMIT\_CNF

mem_type	MEM_SM
rec_num	SMS_RECORD_NOT_EXIST
cause	SMS_NO_ERROR
tp_mr	NUM_2
sms_sdu	SMS_SDU_EMPTY

(4) SIM\_TOOLKIT\_RES

stk_cmd	STK_TERM_RESP_SEND_SMS
---------	------------------------

History:

07-03-2003	ef	initial
------------	----	---------

**4.34.7 MFW812: SIM Toolkit,.Send a Supplementary Service.**

Description: From the Item selected , the SIM forwards a SS Message to the MMI for transmission to the network. If successful, the network sends an Activat containing a Release Complete message which is passed to the MMI. The Terminal response is then forwarded to the SIM.

Preamble: MFW430

APL/ACI	MMI	PS
(1)	SIM_TOOLKIT_IND	
	* <=====*	
(2)	MNSS_BEGIN_REQ	
	* =====>*	
(3)	MNSS_END_IND	
	* <=====*	
(4)	SIM_TOOLKIT_RES	
	* =====>*	
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_TOOLKIT_IND	stk_cmd	STK_SEND_SS
(2) MNSS_BEGIN_REQ	ti	TI_MO_0
	fac_inf	STK_DIVERT_ALLCALLS
	ss_ver	VERSION_SS
(3) MNSS_END_IND	ti	TI_MO_0
	cause	MNSS_CAUSE_CALL_CLEAR
	fac_inf	RELEASE_COMPLETE_FACILITY
(4) SIM_TOOLKIT_RES	stk_cmd	STK_TERM_RESP_SEND_SS

History:

10-03-2003	ef	initial
------------	----	---------

#### 4.34.8 MFW814: SIM Toolkit, Send a Setup Call.

Description: From the Item selected , the SIM forwards Setup Call to the MMI after being accepted by the user, which then for mats a Call Setup to the Network. If accepted by the network the MMI is Alerted and after connection the Terminal response is then forwarded to the SIM.

Preamble: MFW430

```

APL/ACI                      MMI                      PS
|                             |                      |
(1) |                          |      SIM_TOOLKIT_IND  |
|                             | * <===== *
COMMAND (MMI CONFIG KEY_SEQUENCE=LISOFT)
(2) |                          |      MNCC_SETUP_REQ  |
|                             | * =====> *
TIMEOUT_WAIT (2000)
(3) |                          |      MNCC_ALERT_IND  |
|                             | * <===== *
(4) |                          |      MNCC_SETUP_CNF  |
|                             | * <===== *
(5) |                          |      SIM_TOOLKIT_RES  |
|                             | * =====> *
TIMEOUT_WAIT (2000)
|                             |                      |

```

#### Parametrization:

Primitive	Parameter	Value
(1) SIM_TOOLKIT_IND	stk_cmd	STK_SETUP_CALL
(2) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	STK_CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE
	clir_sup	NOT_PRESENT_8BIT
	fac_inf	NOT_USED
(3) MNCC_ALERT_IND	ti	TI_MO_0
	progress_desc	PROG_END_TO_END_PLMN
(4) MNCC_SETUP_CNF	ti	TI_MO_0
	cause	MNCC_CAUSE_SUCCESS
	progress_desc	PROG_END_TO_END_PLMN
	connected_number	CONNECTED_NUMBER_01317180537
	connected_number_sub	CONNECTED_PARTY_SUB_NONE
(5) SIM_TOOLKIT_RES	stk_cmd	STK_TERM_RESP_SETUP_CALL

History:

11-03-2003      ef      initial

**4.34.9 MFW816: SIM Toolkit, Send a Setup Call. First attempt rejected due to busy ME. Automatic Redial. Test Fails.**

Description: From the Item selected, the SIM forwards Setup Call to the MMI and is accepted by the user. However the mobile is Busy with another call which is eventually cleared down. The Sim automatically retries the call setup. If accepted by the network the MMI is Alerted and after connection the Terminal response is then forwarded to the SIM.

Preamble: MFW500

```

APL/ACI                      MMI                      PS
|                            |                      |
(1) |                          |      SIM_TOOLKIT_IND  |
|                            |      * <===== *
TIMEOUT_WAIT (3000)
COMMAND (MMI CONFIG KEY_SEQUENCE=RSOFT) /* clear call */
(2) |                          |      SIM_SYNC_REQ     |
|                            |      * =====> *
(3) |                          |      MNCC_DISCONNECT_REQ |
|                            |      * =====> *
(4) |                          |      MNCC_RELEASE_IND  |
|                            |      * <===== *
TIMEOUT_WAIT (6000)
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)
(5) |                          |      MNCC_SETUP_REQ   |
|                            |      * =====> *
TIMEOUT_WAIT (2000)
(6) |                          |      MNCC_ALERT_IND   |
|                            |      * <===== *
(7) |                          |      MNCC_SETUP_CNF   |
|                            |      * <===== *
(8) |                          |      SIM_TOOLKIT_RES  |
|                            |      * =====> *
TIMEOUT_WAIT (2000)
|                            |                      |

```

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_TOOLKIT_IND	stk_cmd	STK_SETUP_CALL_BUSY
(2) SIM_SYNC_REQ	synccs	SYNC_STOP_CALL
(3) MNCC_DISCONNECT_REQ	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
	fac_inf	NOT_USED
	ss_version	NOT_USED
(4) MNCC_RELEASE_IND	ti	TI_MO_0
	cause	MNCC_CAUSE_CALL_CLEAR
(5) MNCC_SETUP_REQ	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
	bcpara	BC_PARA_SPEECH
	bcpara2	BC_PARA_NO_SERVICE
	called_party	STK_CLED_PARTY_01317180537
	called_party_sub	CLED_PARTY_SUB_NONE



	clir_sup fac_inf	NOT_PRESENT_8BIT NOT_USED
(6) MNCC_ALERT_IND	ti progress_desc	TI_MO_0 PROG_NOT_PRES
(7) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_NOT_PRES CONNECTED_NUMBER_01317180537 CONNECTED_PARTY_SUB_NONE
(8) SIM_TOOLKIT_RES	stk_cmd	STK_TERM_RESP_SETUP_CALL
History:	12-03-2003      ef	initial

**4.34.10 MFW830: SIM Toolkit,.SAT Class e. Test Fails.**

Description: From the Item selected , the SIM forwards Setup Call to the MMI after being accepted by the user, which then formats a Call Setup to the Network. If accepted by the network the MMI is Alerted and after connection the Terminal response is then forwarded to the SIM.

A: data circuit asynch UDI  
 B: data circuit synch UDI  
 C: PAD access asynch UDI  
 D: packet access synch UDI  
 E: data circuit asynch RDI  
 F: data circuit synch RDI  
 G: PAD access asynch RDI  
 H: packet access synch RDI

Variants: <A>..<B>



Preamble: MFW430

APL/ACI	MMI	PS
(1)	SIM_TOOLKIT_IND	
	* <-----*	
TIMEOUT_WAIT (10000)		
COMMAND (MMI CONFIG KEY_SEQUENCE=LSOFT)		
(2)	MNCC_SETUP_REQ	
	* =====>*	
(3)	SIM_SYNC_REQ	
	* =====>*	
(4)	MNCC_SYNC_IND	
	* <-----*	
(5)	MNCC_ALERT_IND	
	* <-----*	
(6)	MNCC_SETUP_CNF	
	* <-----*	
(7)	RA_ACTIVATE_REQ	
	* =====>*	
(8)	RA_ACTIVATE_CNF	
	* <-----*	
(9)	L2R_ACTIVATE_REQ	
	* =====>*	
(10)	L2R_ACTIVATE_CNF	
	* <-----*	
(11)	L2R_CONNECT_REQ	
	* =====>*	
(12)	L2R_CONNECT_CNF	
	* <-----*	
(13)	SIM_DTI_REQ	
	* =====>*	
(14)	L2R_DTI_REQ	
	* =====>*	
(15)	L2R_DTI_CNF	
	* <-----*	
(16)	SIM_DTI_CNF	
	* <-----*	
(17)	SIM_TOOLKIT_RES	
	* =====>*	
TIMEOUT_WAIT (2000)		

**Parametrization:**

Primitive	Parameter	Value
(1) SIM_TOOLKIT_IND		
<A>	stk_cmd	
	STK_OPEN_CHANNEL_IMM_CSD_DATA_CIRCUIT_ASYNC_UDI	
<B>	stk_cmd	
	STK_OPEN_CHANNEL_IMM_CSD_DATA_CIRCUIT_SYNC_UDI	
(2) MNCC_SETUP_REQ		
	ti	TI_MO_0
	prio	PRIO_NORM_CALL
	ri	NOT_PRESENT_8BIT
<A>	bcpara	BC_PARA_ASYNC_9600
<B>	bcpara	BC_PARA_SYNC_9600
	bcpara2	BC_PARA_NO_SERVICE
	called_party	STK_CLED_PARTY_01317180537

	called_party_sub clr_sup fac_inf	CLED_PARTY_SUB_NONE NOT_PRESENT_8BIT NOT_USED
(3) SIM_SYNC_REQ	synccs	SYNC_START_CALL
(4) MNCC_SYNC_IND	ti cause chm	TI_MO_0 MNCC_CAUSE_CHANNEL_SYNC CHAN_MODE_DATA_9_6
(5) MNCC_ALERT_IND	ti progress_desc	TI_MO_0 PROG_NOT_PRES
(6) MNCC_SETUP_CNF	ti cause progress_desc connected_number connected_number_sub	TI_MO_0 MNCC_CAUSE_SUCCESS PROG_NOT_PRES CONNECTED_NUMBER_01317180537 CONNECTED_PARTY_SUB_NONE
(7) RA_ACTIVATE_REQ	model tra_rate user_rate ndb nsb	RA_MODEL_RLP TRA_FULLRATE_9600 URA_9600 NUM_DATA_BITS NUM_STOP_BITS_1
(8) RA_ACTIVATE_CNF	ack_flg	RA_ACK
(9) L2R_ACTIVATE_REQ	k_ms_iwf k_iwf_ms t1 t2 n2 pt p0 p1 p2 uil2p bytes_per_prim buffer_size rate	L2r_WIN_SIZE_MS_IWF L2R_WIN_SIZE_IWF_MS L2R_ACK_TIMER L2R_RELAY_DELAY_20 L2R_RETRANS_ATTEMPTS L2R_COMPR_TYPE_V42BIS L2R_COMP_DIR_NONE L2R_NUM_CODE_WORDS L2R_CODE_STR_LEN L2R_ISO6429 L2R_BYTES_PER_PRIM_250 L2R_BUFFER_SIZE_2048 L2R_FULLRATE_9600
(10) L2R_ACTIVATE_CNF	ack_flg	L2R_ACK
(11) L2R_CONNECT_REQ		
(12) L2R_CONNECT_CNF	ack_flg	L2R_ACK
(13) SIM_DTI_REQ	link_id dti_conn bip_ch_id con_type dti_direction entity_name	DTI_LINKID_NAME SIM_DTI_CONNECT_BIP_OPEN BIP_CH_ID_1 SIM_CON_TYPE_SERIAL SIM_DTI_NORMAL_DIRECTION NOT_USED

	local_ip	SIM_DTI_REQ_NOT_APPLICABLE
	destination_ip	SIM_DTI_REQ_NOT_APPLICABLE
	destination_port	SIM_DTI_REQ_NOT_APPLICABLE
	general_result	RSLT_PERF_SUCCESS
	add_info_result	SAT_NTW_CS_NO_ERROR
	release_time	SIM_DTI_REQ_NOT_APPLICABLE
(14) L2R_DTI_REQ		
	dti_conn	L2R_CONNECT_DTI
	entity_name	NOT_USED
	link_id	DTI_LINKID_NAME
	dti_direction	SIM_DTI_NORMAL_DIRECTION
(15) L2R_DTI_CNF		
	dti_conn	L2R_CONNECT_DTI
	link_id	DTI_LINKID_NAME
(16) SIM_DTI_CNF		
	link_id	DTI_LINKID_NAME
	dti_conn	SIM_DTI_CONNECT_BIP_OPEN
	bip_ch_id	BIP_CH_ID_1
(17) SIM_TOOLKIT_RES		
	stk_cmd	STK_TERM_RESP_SETUP_CLASSE

## History:

02-04-2003	ef	initial
02-09-2003	ef	continue this test, add the L2R primitives