

Source: T1
Title: CRs to TS 34.123-3 (TTCN part, Cat. F) v.3.7.0, for approval
Agenda item: 5.1.3
Document for: Approval

This document contains the CRs to TS 34.123-3 v.3.7.0. These CRs have been agreed by T1 and are put forward to TSG T for approval.

<i>Doc-2nd-Level</i>	<i>CR</i>	<i>Rev</i>	<i>Phase</i>	<i>Subject</i>	<i>Stat</i>	<i>Version-Current</i>	<i>Version-New</i>
T1s040735	1111	-	R99	Correction to RRC P3 TC 8.4.1.37	F	3.7.0	3.8.0
T1s040736	1112	-	R99	Correction to RRC P2 TC 8.3.1.31 for the timer value before step 5.	F	3.7.0	3.8.0
T1s040734	1113	-	R99	Correction to approved GCF P4 test cases 8.1.7.1c	F	3.7.0	3.8.0
T1s040737	1114	-	R99	Correction to approved package 4 NAS Test case tc_12_6_1_3_2	F	3.7.0	3.8.0
T1s040738	1115	-	R99	Corrections to RRC Package 1 TC 8.4.1.1.	F	3.7.0	3.8.0
T1s040731	1116	-	R99	Correction to the RRC default message handler on Dc SAP for Deactivate PDP Context Request message in RRC ATS.	F	3.7.0	3.8.0
T1s040732	1117	-	R99	Correction to TTCN for MultiRAB test cases.	F	3.7.0	3.8.0
T1s040733	1118	-	R99	Correction to approved package 4 NAS Test case tc_12_6_1_3_1	F	3.7.0	3.8.0
T1s040723	1119	-	R99	Summary of regression errors in the wk45 ATS.	F	3.7.0	3.8.0
T1s040711	1120	-	R99	Correction to RRC P4 TC 8.1.7.1b for comments in test steps.	F	3.7.0	3.8.0
T1s040712	1121	-	R99	Correction to GCF P3 NAS test Cases 13.2.1.1, 13.2.2.1 and 13.2.2.2	F	3.7.0	3.8.0
T1s040713	1122	-	R99	Correction to GCF P4 NAS test Case 12.2.1.6.2	F	3.7.0	3.8.0
T1s040714	1123	-	R99	Correction to RAB test case 14.4.2.3 and 14.4.2a.3.	F	3.7.0	3.8.0
T1s040722	1124	-	R99	Correction to RRC Package 2 TC 8.3.1.3.	F	3.7.0	3.8.0
T1s040724	1125	-	R99	Correction to AT Command used for GCF P1 NAS test Case 10.1.2.5.1	F	3.7.0	3.8.0
T1s040725	1126	-	R99	Correction in TTCN for execution of Opmode C UE.	F	3.7.0	3.8.0
T1s040726	1127	-	R99	Correction to RRC Package 4 TC 8.1.2.3	F	3.7.0	3.8.0
T1s040727	1128	-	R99	Correction to RRC test cases 8.1.2.1 and 8.1.2.7	F	3.7.0	3.8.0
T1s040729	1130	-	R99	Correction to RRC test cases 8.1.3.1, 8.1.3.3, 8.1.3.4 and 8.1.3.5	F	3.7.0	3.8.0
T1s040730	1131	-	R99	Correction to RRC Package 1 TC 8.1.2.9	F	3.7.0	3.8.0

T1s040721	1132	-	R99	Correction to Package 2 RRC test case 8.3.1.4	F	3.7.0	3.8.0
T1s040715	1133	-	R99	Correction to Package 3 RRC inter-RAT measurement test cases 8.4.1.31 + 8.4.1.33 + 8.4.1.34 + 8.4.1.35 + 8.4.1.36 + 8.4.1.40	F	3.7.0	3.8.0
T1s040716	1134	-	R99	Correction to approved NAS test case 12.9.4	F	3.7.0	3.8.0
T1s040709	1135	-	R99	Correction to Approved RRC Package 2 TC 8.3.7.2	F	3.7.0	3.8.0
T1s040708	1136	-	R99	Correction to Approved RRC Package 3 TC 8.2.4.1a	F	3.7.0	3.8.0
T1s040707	1137	-	R99	Correction to Approved RRC Package 3 TC 8.4.1.31	F	3.7.0	3.8.0
T1s040693	1138	-	R99	Correction to GCF P2 test cases 6.2.1.1, 6.2.1.6 and 6.2.1.9 to IR_U ATS v3.7.0 to check the displayed PLMN.	F	3.7.0	3.8.0
T1s040697	1139	-	R99	Correction to Package 2 RAB test case 14.4.2.2 and 14.4.2.3.	F	3.7.0	3.8.0
T1s040696	1140	-	R99	Correction to GCF P4 NAS test Case 12.4.1.2 (Revision of T1-040673)	F	3.7.0	3.8.0
T1s040694	1141	-	R99	Correction of GCF P1 test case 7.2.3.23	F	3.7.0	3.8.0
T1s040695	1142	-	R99	Global correction of Structured Type Constraints containing wildcards violating coding convention E.3.7	F	3.7.0	3.8.0
T1s040675	1143	-	R99	Correction to GCF P4 RRC test Case 8.3.1.15	F	3.7.0	3.8.0
T1s040692	1144	-	R99	Extension to Guard Timer for Approved NAS GMM Test Cases	F	3.7.0	3.8.0
T1s040687	1145	-	R99	Correction to RRC TC 8.1.12 for handling correct number of RRC Connection Release Complete message based on the value of N308	F	3.7.0	3.8.0
T1s040682	1146	-	R99	Corrections Required for the wk42 ATS	F	3.7.0	3.8.0
T1s040681	1147	-	R99	Corrections to release of SS resources for a cell during test case execution	F	3.7.0	3.8.0
T1s040668	1148	-	R99	Correction to approved RRC Package 1 8.3.1.1	F	3.7.0	3.8.0
T1s040667	1149	-	R99	Correction to approved RRC Package 4 TC 8.2.6.11	F	3.7.0	3.8.0
T1s040666	1150	-	R99	Regression test error corrections to TTCN deliveries of wk40	F	3.7.0	3.8.0
T1s040660	1151	-	R99	Correction of GCF P1 test case 7.2.3.14	F	3.7.0	3.8.0
T1s040661	1152	-	R99	Correction of GCF P1 test case 11.1.1.1	F	3.7.0	3.8.0
T1s040662	1153	-	R99	Correction of GCF P3 SMS test cases 16.1.1, 16.1.2, 16.1.9.1, 16.1.9.2, 16.1.10, 16.2.1, 16.2.2, 16.2.10	F	3.7.0	3.8.0
T1s040663	1154	-	R99	Corrections Required for the wk40 ATS	F	3.7.0	3.8.0
T1s040655	1155	-	R99	Correction to Approved RRC Package 2 TC 8.2.4.3	F	3.7.0	3.8.0
T1s040637	1156	-	R99	Correction to Package 3 SMS test cases.	F	3.7.0	3.8.0
T1s040648	1157	-	R99	Correction to approved package 4 NAS Test case tc_12_4_1_4d2	F	3.7.0	3.8.0
T1s040630	1158	-	R99	Correction to Package 4 NAS test case 12.2.1.2 for increasing the guard timer.	F	3.7.0	3.8.0
T1s040636	1159	-	R99	Regression error corrections to TTCN deliveries of wk34 and wk37	F	3.7.0	3.8.0
T1s040617	1160	-	R99	Summary of regression errors in the wk37 ATS.	F	3.7.0	3.8.0
T1s040618	1161	-	R99	Correction to RRC Package 1 test cases	F	3.7.0	3.8.0

				8.1.7.1 and 8.1.7.2 (Revision of T1s040532)			
T1s040619	1162	-	R99	Corrections Required for the wk37 ATS (Revision of T1s040606)	F	3.7.0	3.8.0
T1s040599	1163	-	R99	Correction to Package 2 RRC test case 8.3.2.11 to increase the timer while waiting for URA Update.	F	3.7.0	3.8.0
T1s040584	1164	-	R99	Correction to Approved RRC Package 1 TC 8.1.2.2	F	3.7.0	3.8.0
T1s040583	1165	-	R99	Radiolink removal and subsequent addition to align the TTCN with 34.123-1	F	3.7.0	3.8.0
T1s040581	1166	-	R99	TTCN Correction to Test Case 14.2.12 and 14.2.16	F	3.7.0	3.8.0
T1s040582	1167	-	R99	Correction to Approved RRC Package 2 TC 8.4.1.2	F	3.7.0	3.8.0
T1s040536	1168	-	R99	Corrections to GCF package 2 IR_U test case 6.2.1.1	F	3.7.0	3.8.0
T1s040538	1169	-	R99	Corrections to GCF package 2 IR_U test case 6.2.1.6	F	3.7.0	3.8.0
T1s040540	1170	-	R99	Correction of GCF package 2 IR_U test case 8.3.7.1.	F	3.7.0	3.8.0
T1s040542	1171	-	R99	Correction of GCF package 2 IR_U test case 8.3.7.2.	F	3.7.0	3.8.0
T1s040544	1172	-	R99	Correction of GCF package 2 IR_U test case 8.3.7.3.	F	3.7.0	3.8.0
T1s040546	1173	-	R99	Correction of GCF package 2 IR_U test case 8.3.7.4.	F	3.7.0	3.8.0
T1s040554	1174	-	R99	Correction of GCF package 2 IR_U test case 8.4.1.40.	F	3.7.0	3.8.0
T1s040576	1175	-	R99	TTCN changes to approved package 1 RRC testcase 8.4.1.3	F	3.7.0	3.8.0
T1s040575	1176	-	R99	Correction to MultiRAB test cases 14.2.38a, 14.2.38b and 14.2.38e	F	3.7.0	3.8.0
T1s040572	1177	-	R99	Correction to Approved RRC Package 2 TC 8.4.1.2	F	3.7.0	3.8.0
T1s040569	1178	-	R99	Addition of verdicts in RRC default message handler on Dc SAP for Deactivate PDP Context Request message in RRC ATS.(Revision of T1s040512)	F	3.7.0	3.8.0
T1s040558	1179	-	R99	Regression error corrections to TTCN deliveries of wk26 and wk31	F	3.7.0	3.8.0
T1s040531	1180	-	R99	Modification to MAC Package 2 test case 7.1.3.1	F	3.7.0	3.8.0
T1s040514	1181	-	R99	Correction to NAS test cases 9.4.2.3 (P2), 9.4.2.4 Proc 2 (P2), and 12.4.1.1a (P1)	F	3.7.0	3.8.0
T1s040497	1182	-	R99	Correction to Package 3 SMS test case 16.2.1.	F	3.7.0	3.8.0
T1s040484	1183	-	R99	Correction to GCF P1 test case 8.3.1.1	F	3.7.0	3.8.0
T1s040699	1184	-	R99	Regression test error corrections to TTCN deliveries of wk42	F	3.7.0	3.8.0

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1111 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to RRC P3 TC 8.4.1.37		
Source:	# Anite		
Work item code:	# N/A	Date:	# 24/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# As per 25.133 section 9.1.6.2, the reporting range for the UE transmitted power is -50 to +33 dBm. So in the UE measurements at Step 4, the UE will report only a value of -50 dBm (In the actual measurement report -50 translates to 21, refer to Table 9.15 of 25.133) even if the actual value is < -50.
Summary of change:	# At line 17 tcv_checkUETxPower >= 21 is changed to tcv_checkUETxPower <>21 At line 19 tcv_checkUETxPower < 21 is changed to tcv_checkUETxPower =21
Consequences if not approved:	# Test case will fail a conformant UE.

Clauses affected:	# Tc_8_4_1_37										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	#	X	#	X	#	X	Other core specifications # Test specifications # O&M Specifications #	
Y	N										
#	X										
#	X										
#	X										
Other comments:	#										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1:

ASN.1 PDU Constraint Declaration	It_TestBody of tc_8_4_1_37
Reason for change	As per 25.133 section 9.1.6.2, the reporting range for the UE transmitted power is -50 to +33 dBm. So in the UE measurements at Step 4, the UE will report only a value of -50 dBm (In the actual measurement report -50 translates to 21, refer to Table 9.15 of 25.133) even if the actual value is < -50
Summary of change	At line 17 tcv_checkUETxPower >= 21 is changed to tcv_checkUETxPower <> 21 At line 19 tcv_checkUETxPower < 21 is changed to tcv_checkUETxPower =21
Source of change	New change

Before :

It_TestBody					
12	TBS	(tcv_TestBody := TRUE)			
13		AM ! RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlUE_InternalMeas_Event6c (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, 6, eventTrigger))		Step 2 in prose
14		CPHY?CPHY_UL_PowerModify_REQ	ca_UL_PowerModify_REQ (tsc_CellA, tsc_DL_DPCH1, tsc_UL_DPCH1, maxMin: tpc_Down)		Step 3 in prose; UE transmission power set to -50 dBm (minimum); @sic Thomas T1-041010 sic @
15		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerModify_CNF (tsc_CellA, tsc_DL_DPCH1)		@sic Thomas T1-041010 sic @
16	TBP1	AM ? RLC_AM_DATA_IND (tcv_checkUETxPower = RLC_AM_DATA_IND.am_message.ul_DCCH_Message.message.measurementReport.measuredResults.ue_InternalMeasuredResults.modeSpecificInfo.fdd.ue_TransmittedPowerFDD)	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportUE_InternalMeas_Event6a_6b (6, tcv_EventResult (event6c : NULL)))	(P)	Step 4 in prose
17	TBF1	[tcv_checkUETxPower >= 21]		(F)	@sic Thomas T1s040474 sic @
18		+It_SetInitialUE_Power			@sic Thomas T1s040474 sic @
19	TBP2	[tcv_checkUETxPower < 21]		(P)	@sic Thomas T1s040474 sic @
20		+It_SetInitialUE_Power			@sic Thomas T1s040474 sic @
21		+ts_C3_CheckCellDCH (tsc_CellA)			Step 5 in prose;
22	TBE	(tcv_TestBody := FALSE)		(P)	

After :

It_TestBody					
12	TBS	(tcv_TestBody := TRUE)			
13		AM|RRC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlUE_InternalMeas_Event6c (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, 6, eventTrigger))		Step 2 in prose
14		CPHY?CPHY_UL_PowerModify_REQ	ca_UL_PowerModify_REQ (tsc_CellA, tsc_DL_DPCH1, tsc_UL_DPCH1, maxMin: tpc_Down)		Step 3 in prose; UE transmission power set to -50 dBm (minimum); @sic Thomas T1-041010 sic @
15		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerModify_CNF (tsc_CellA, tsc_DL_DPCH1)		@sic Thomas T1-041010 sic @
16	TBP1	AM ?RRC_AM_DATA_IND (tcv_checkUETxPower = RLC_AM_DATA_IND.am_message.ul_DCCH_Message.message.measurementReport.measuredResults.ue_InternalMeasuredResults.modeSpecificInfo.fdd.ue_TransmittedPowerFDD)	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportUE_InternalMeas_Event6a_6b (6, tcv_EventResult (event6c : NULL)))	(P)	Step 4 in prose
17	TBF1	[tcv_checkUETxPower <= 21]		(F)	@sic Thomas T1s040474 sic @
18		+It_SetInitialUE_Power			@sic Thomas T1s040474 sic @
19	TBP2	[tcv_checkUETxPower = 21]		(P)	@sic Thomas T1s040474 sic @
20		+It_SetInitialUE_Power			@sic Thomas T1s040474 sic @
21		+ts_C3_CheckCellDCH (tsc_CellA)			Step 5 in prose;
22	TBE	(tcv_TestBody := FALSE)		(P)	

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1112 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to RRC P2 TC 8.3.1.31 for the timer value before step 5.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 24/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	R99 (Release 1999)	2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	R97 (Release 1997)
	B (addition of feature),	R98 (Release 1998)	R99 (Release 1999)
	C (functional modification of feature)	Rel-4 (Release 4)	Rel-5 (Release 5)
	D (editorial modification)	Rel-6 (Release 6)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		

Reason for change:	# As per current implementation, SS waits for 15 seconds to receive cell update in step 5. This time is not enough for UE to do a cell search and camp on the cell.
Summary of change:	# Timer value before step 5 is increased to 52 seconds.
Consequences if not approved:	# Test case will fail a conformant UE.

Clauses affected:	#				
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications #	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications #	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications #	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other comments:	#				

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1:

ASN.1 PDU Constraint Declaration	Tc_8_3_1_31
Reason for change	As per current implementation, SS waits for 15 seconds to receive cell update in step 5. This time is not enough for UE to do a cell search and camp on the cell.
Summary of change	Timer value before step 5 is increased to 52 seconds.
Source of change	New change

Before :

It_TestBody				
14		+It_SetQrxlevmin_AndSend		To set Min q-rxlev in SIB3 and SIB4
15		(tcv_TmpAtt := tcv_CellInfoA.attenuationLevel)		Remember current attenuator settings
16		+ts_SetAttenuationLevel (tsc_CellIA, 20)		Step 2. SS configures its downlink transmission power settings acc to T1 in Table 8.3.2.3 (-60 -20 = -80)
17		START t_WaitS(60)		Step 4 ; wait 60 secs after out of service
18	TBP2	? TIMEOUT t_WaitS	(P)	
19		+ts_SetAttenuationLevel (tsc_CellIA, tcv_TmpAtt)		Step 4 SS configures its downlink transmission power settings acc to T0 in Table 8.3.2.3
20		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, re_enteredServiceArea, 15000)		Step 5 . UE sends CELL UPDATE message with the IE "Cell update cause" set to "re-entering service".
21		+ts_CMAC_New_RNTI_Reconf(TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)		SS has valid U-RNTI only SS reconfiguration to use U-RNTI.

After :

It_TestBody				
14		+It_SetQrxlevmin_AndSend		To set Min q-rxlev in SIB3 and SIB4
15		(tcv_TmpAtt := tcv_CellInfoA.attenuationLevel)		Remember current attenuator settings
16		+ts_SetAttenuationLevel (tsc_CellIA, 20)		Step 2. SS configures its downlink transmission power settings acc to T1 in Table 8.3.2.3 (-60 -20 = -80)
17		START t_WaitS(60)		Step 4 ; wait 60 secs after out of service
18	TBP2	? TIMEOUT t_WaitS	(P)	
19		+ts_SetAttenuationLevel (tsc_CellIA, tcv_TmpAtt)		Step 4 SS configures its downlink transmission power settings acc to T0 in Table 8.3.2.3
20		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, re_enteredServiceArea, 52000)		Step 5 . UE sends CELL UPDATE message with the IE "Cell update cause" set to "re-entering service".
21		+ts_CMAC_New_RNTI_Reconf(TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)		SS has valid U-RNTI only SS reconfiguration to use U-RNTI.

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1113 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Correction to approved GCF P4 test cases 8.1.7.1c		
Source:	# Anite		
Work item code:	# N/A	Date:	# 24/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# 1) In this test case Steps 2, 3 and 4 are repeated in loop. SS transmits UECapabilityInformationConfirm message on SRB2 and then UECapabilityEnquiry message on SRB1. Logical channel priority assigned to SRB1 is 1 and that for SRB2 is 2. As SRB1 has higher priority than SRB2, UECapabilityEnquiry message, which is sent on SRB1, will be transmitted by SS before the UECapabilityInformationConfirm message which is sent on SRB2. This results in failure of UECapability procedure at the UE side as UE expects UECapabilityInformationConfirm, whereas it receives UECapabilityEnquiry with the same Transaction Identifier. This also happens for test step 9,10 and 11
	# 2) Comments for test step 4 and step 9, 10, 11 are incorrect.
Summary of change:	# 1) Added a new constraint cas_UE_CapabilityInfoCnfAMWithCnf, which enables the RLC Acknowledgement for UE Capability Information Confirm. This is used for Step 4 and 11. Added wait for reception of RLC Acknowledgement for Step 4 and 11. This ensures that the loop is repeated after UE has received UE Capability Information Confirm message. 2) Comments corrected for test step 4, 9, 10 and 11 of the expected sequence.
Consequences if not approved:	# Test case might fail a confirmant UE

Clauses affected:	⌘											
Other specs affected:	⌘	<table border="1"><tr><td>Y</td><td>N</td></tr><tr><td></td><td>X</td></tr><tr><td></td><td></td></tr><tr><td></td><td>X</td></tr></table>	Y	N		X				X	Other core specifications	⌘
		Y	N									
			X									
	X											
		O&M Specifications										
Other comments:	⌘											

How to create CRs using this form:

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- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test Step	It_LoopUE_CapabilityToMakeDLRRCSQN_15 and It_LoopUE_Capability
Reason for change	<p>1) In this test case Steps 2,3 and 4 are repeated in loop. SS transmits UECapabilityInformationConfirm message on SRB2 and then UECapabilityEnquiry message on SRB1. Logical channel priority assigned to SRB1 is 1 and that for SRB2 is 2. As SRB1 has higher priority than SRB2, UECapabilityEnquiry message, which is sent on SRB1, will be transmitted by SS before the UECapabilityInformationConfirm message which is sent on SRB2.</p> <p>This results in failure of UECapability procedure at the UE side as UE expects UECapabilityInformationConfirm, whereas it receives UECapabilityEnquiry with the same Transaction Identifier.</p> <p>This also happens for test step 9,10 and 11.</p> <p>2) Comments for test step 4 and step 9, 10, 11 are incorrect.</p>
Summary of change	<p>1) Added a new constraint cas_UE_CapabilityInfoCnfAMWithCnf, which enables the RLC Acknowledgement for UE Capability Information Confirm. This is used for Step 4 and 11. Added wait for reception of RLC Acknowledgement for Step 4 and 11. This ensures that the loop is repeated after UE has received UE Capability Information Confirm message.</p> <p>2) Comments corrected for test step 4, 9, 10 and 11 of the expected sequence.</p>
Source of change	New change

Before :

It_LoopUE_CapabilityToMakeDLRRCSQN_15					
24		+It_GetRRCSQN_RB2			
25		[tcv_RRC_MSN_RB2 < 15]			
26		UM!RLC_UM_DATA_REQ	cas_UE_CapabilityEnqUM(tsc_CellDedicated, tsc_RB1, cs_108_UE_CapabilityEnq(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))		
27		START t_WaitMS			
28	TBF4	? TIMEOUT t_WaitMS		(F)	
29		(tcv_Res := TRUE)			Stop the loop
30	TBP4	AM?RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoIntegrityPass (tsc_CellDedicated, tsc_RB2, cr_108_UE_CapabilityInfoAM (tcv_RRC_Ti, cr_RadioAccessCapabilityDef (tcv_PDCP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Reception, { cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability, integrityProtectionAlgorithmCap tcv_IntegrProtAlgCap }), *))	(P)	
31		AM!RLC_AM_DATA_REQ	cas_UE_CapabilityInfoCnfAM(tsc_CellDedicated, tsc_RB2, cs_108_UE_CapabilityInfoCnfAM (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))		step 12
32		[tcv_RRC_MSN_RB2 = 15]			
33		(tcv_Res := TRUE)			

After :

It_LoopUE_CapabilityToMakeDLRRCSQN_15				
0		+It_GetRRCSQN_RB2		
1		[tcv_RRC_MSN_RB2 < 15]		
2		UM ! RLC_UM_DATA_REQ	cas_UE_CapabilityEnqUM(tsc_CellDedicated , tsc_RB1, cs_108_UE_CapabilityEnq(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI))	
3		START t_WaitMS		
4	TBF4	? TIMEOUT t_WaitMS		(F)
5		(tcv_Res := TRUE)		Stop the loop
4	TBP4	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoIntegrityPass (tsc_CellDedicated , tsc_RB2, cr_108_UE_CapabilityInfoAM (tcv_RRC_TI, cr_RadioAccessCapabilityDef (tcv_PDCP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Reception, { cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability, integrityProtectionAlgorithmCap tsc_IntegrProtAlgCap }), *))	(P)
5		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityInfoCnfAMWithCnf(tsc_CellDedicated , tsc_RB2, cs_108_UE_CapabilityInfoCnfAM (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI))	step 4
6		AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui)	
1		[tcv_RRC_MSN_RB2 = 15]		
2		(tcv_Res := TRUE)		

Before:

It_LoopUE_Capability				
0		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityEnq(tsc_CellDedicated, tsc_RB2, cs_108_UE_CapabilityEnq(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI))	step 10
1		START t_WaitMS		
2	TBF4	? TIMEOUT t_WaitMS		(F)
3		(tcv_Res := TRUE)		Stop the loop
2	TBP4	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoIntegrityPass (tsc_CellDedicated , tsc_RB2, cr_108_UE_CapabilityInfoAM (tcv_RRC_TI, cr_RadioAccessCapabilityDef (tcv_PDCP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Reception, { cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability, integrityProtectionAlgorithmCap tsc_IntegrProtAlgCap }), *))	(P) step 11
3		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityInfoCnfAM(tsc_CellDedicated , tsc_RB2, cs_108_UE_CapabilityInfoCnfAM (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI))	step 12
4		+ It_GetRB2_RLC_SQN		Assign tcv_RLC_SeqNumDL_RB2 with the current RLC sequence number of RB2
5		(tcv_K := tcv_K + 1)		
6		[(tcv_RLC_SeqNumUL_RB2 > tcv_CellIndInfo.ul_CipherMode.[1].rlc_SequenceNumber) AND (tcv_K >= 1)]		The current RLC sequence number is higher than the RLC sequence number for activation time of UL ciphering. In addition 2 messages have been sent by UE, which means that activation time for DL Ciphering is started
7		(tcv_Res := TRUE)		Stop the loop
6		[TRUE]		

After:

It_LoopUE_Capability				
0		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityEnq(tsc_CellDedicated , tsc_RB2, cs_108_UE_CapabilityEnq(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))	step 9
1		START t_WaitMS		
2	TBF4	? TIMEOUT t_WaitMS		(F)
3		(tcv_Res := TRUE)		Stop the loop
2	TBP4	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoIntegrityPass (tsc_CellDedicated , tsc_RB2, cr_108_UE_CapabilityInfoAM (tcv_RRC_Ti, cr_RadioAccessCapabilityDef (tcv_PD_CP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Reception, { cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability, integrityProtectionAlgorithmCap tsc_IntegrProtAlgCap }), *))	(P) step 10
3		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityInfoCnfAMWithCnf(tsc_CellDedicated , tsc_RB2, cs_108_UE_CapabilityInfoCnfAM (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))	step 11
4		AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui)	
5		+ It_GetRB2_RLC_SEQN		Assign tcv_RLC_SeqNumDL_RB2 with the current RLC sequence number of RB 2
6		(tcv_K := tcv_K + 1)		
7		{ (tcv_RLC_SeqNumUL_RB2 > tcv_CellIndInfo.ul_CipherMode.[1].rlc_SequenceNumber) AND (tcv_K >= 1) }		The current RLC sequence number is higher than the RLC sequence number for activation time of UL ciphering. In addition 2 messages have been sent by UE, which means that activation time for DL Ciphering is started
8		(tcv_Res := TRUE)		Stop the loop
7		[TRUE]		

New Constraint:

ASN.1 ASP Constraint Declaration	
Constraint Name:	cas_UE_CapabilityInfoCnfAMWithCnf(p_CellId: INTEGER; p_RB_Id: INTEGER; p_PDU: DL_DCCH_Message)
Group:	
ASP Name:	RLC_AM_DATA_REQ
Derivation Path:	
Comments:	
Constraint Value	
<pre>{ cellId p_CellId, routingInfo rB_Identity: p_RB_Id, confirmationRequest confirmationRequested : tsc_Mui, aM_message dl_DCCH_Message : p_PDU }</pre>	

CHANGE REQUEST

34.123-3 CR 1114 # rev # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to approved package 4 NAS Test case tc_12_6_1_3_2		
Source:	# Anite		
Work item code:	# N/A	Date:	# 24/11/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# In TS 34.123-1 section 12.6.1.3.2.4 Expected Sequence, at Step#17 specifies - the SS should send ROUTING AREA UPDATE ACCEPT message with ì Update result = 'RA updated' Mobile identity = P-TMSI-1 P-TMSI-1 signature Routing area identity = RAI-2î In TTCN implementation, tc_12_6_1_3_1 at line#41 ROUTING AREA UPDATE ACCEPT is sent with P-TMSI-2 and P-TMSI-2 signature .
Summary of change:	# In TTCN implementation, tc_12_6_1_3_1 at line#41 correction is made to send ROUTING AREA UPDATE ACCEPT message with P-TMSI-1 and P-TMSI-1 signature .
Consequences if not approved:	# TTCN implementation will not be as per the prose.

Clauses affected:	# N/A								
Other specs affected:	#								
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X
Y	N								
#	X								
#	X								
#	X								
Other comments:	# IWD NAS_wk47 ATS is used as reference for TTCN changes.								

How to create CRs using this form:

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to

Change 1.

TTCN Reference	tc_12_6_1_3_2 local tree It_Steps_15To18, line#41
Reason for change	At line #41, SS needs to send ROUTING AREA UPDATE ACCEPT message with PTMSI_1 and PTMSI_Signature
Summary of change	At line#41 px_PTMSI_Sig2 and px_PTMSI_2 references are changed to px_PTMSI_SigDef and px_PTMSI_Def respectively
Source of change	New change.

Before Change:

40	+ ts_RRC_Security (tsc_CellB, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, FALSE, ps_domain)			
41	Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_RA_UpdAcc(c_GMM_UpdateResultRA_Updated, c_RAI_v(tcv_CellInfoB.mcc, tcv_CellInfoB.mnc, tcv_CellInfoB.lac, tcv_CellInfoB.rac), c_PTMSI_Signature (px_PTMSI_Sig2), c_MobileIdPTMSI (px_PTMSI_2), -))		Step 17. ROUTING AREA UPDATE ACCEPT - Update result = 'RA updated' - RAI-2 (corresponding to cell B) - P-TMSI-1 - P-TMSI-1 signature

After Change:

40	+ ts_RRC_Security (tsc_CellB, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, FALSE, ps_domain)			
41	Dc ! RRC_DataReq (tcv_AssignedPTMSI := px_PTMSI_Def, tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_RA_UpdAcc(c_GMM_UpdateResultRA_Updated, c_RAI_v(tcv_CellInfoB.mcc, tcv_CellInfoB.mnc, tcv_CellInfoB.lac, tcv_CellInfoB.rac), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))		Step 17. ROUTING AREA UPDATE ACCEPT - Update result = 'RA updated' - RAI-2 (corresponding to cell B) - P-TMSI-1 - P-TMSI-1 signature

CHANGE REQUEST

34.123-3 CR 1115 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Corrections to RRC Package 1 TC 8.4.1.1.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 24/11/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change: #

1. Contents of System Information Block type 11 used in Test case 8.4.1.1 doesn't match with the specification for Cell ID 3, 7 and 8. As per 34.123-1 specific message content of System Information Block Type 11 for Intra frequency cell info for cell id =2, IE 'Cell individual offset' should be set to OMIT and 'Reference time difference to cell' should be set to 1024. As per 34.108 for Cell cell id 3, 7 and 8, the above mentioned IE's should be set same as done for Cell Id 2. In the TTCN implementation 'Cell individual offset' should be set to 0 and 'Reference time difference to cell' should be set to OMIT for Cell ID 3, 7 and 7.
2. Contents of System Information Block type 11 used in Test case 8.4.1.1 doesn't match with the specification (34.123-1 and 34.108) for Cell ID 4, 5 and 6. As per 34.108 for Cell ID 4, 5 and 6 IE 'Cell Individual offset' is not Present and 'Read SFN Indicator' should be set to FALSE. However in the TTCN implementation these IE's are set to 0 and TRUE respectively.
3. Contents of System Information Block type 11 used in Test case 8.4.1.1 doesn't match with the specification (34.123-1 and 34.108) for IE 'Intra Frequency measurement quantity-> filter coefficient'. As per 34.123-1 this should be present. In TTCN filter Coefficient it is set as '0'.
4. As per 34.123-1 specific message content for Measurement Control Message at step 7, IE 'intra Frequency measurement reporting criteria -> filter coefficient' should not be present. In TTCN it is set as '0'.
5. As per 34.123-1 specific message content for Measurement Control Message at step 12, IE 'intra Frequency measurement reporting criteria -> filter coefficient' should not be present. In TTCN it is set as '0'.
6. As per 34.123-1 after receiving Measurement Report at step 6, SS shall expect to receive the next MEASUREMENT REPORT message after 64 seconds. TTCN does only an upper boundary check to verify that the Measurement report is received before

	64s + 10% tolerance.
Summary of change: ⌘	<ol style="list-style-type: none"> Constraint c_SIB11_ModifiedIntrafreqMeas is modified to set IE's <i>Cell individual offset</i> and <i>Reference time difference to cell</i> for cell id 3, 7 and 8 in System Information type 11 message to OMIT and 1024 respectively. Constraint c_SIB11_ModifiedIntrafreqMeas is modified to set IE's <i>Cell individual offset</i> and <i>Read SFN indicator</i> for cell id 4, 5 and 6 in System Information type 11 message to OMIT and FALSE respectively. Constraint c_SIB11_ModifiedIntrafreqMeas is modified to OMIT IE <i>Intra Frequency measurement quantity -> filter coefficient</i> in system Information 11. Modified constraint cs_MeasurementControlevent1e to OMIT IE <i>Intra Frequency measurement quantity ñ filter coefficient</i> in Measurement Control message at step 7. Modified constraint cs_MeasurementControlEvent1a to OMIT IE <i>Intra Frequency measurement quantity ñ filter coefficient</i> in Measurement Control message at step 12. Modified Step 6a(It_Step5_to_6a) of the test case to add a lower boundary check for the periodical measurement reporting.
Consequences if not approved: ⌘	Testcases 8.4.1.1 may PASS a non-conformant UE.

Clauses affected: ⌘													
Other specs affected: ⌘	<table border="1"> <thead> <tr> <th>Y</th> <th>N</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td>X</td> <td>Other core specifications ⌘</td> </tr> <tr> <td></td> <td>X</td> <td>Test specifications</td> </tr> <tr> <td></td> <td>X</td> <td>O&M Specifications</td> </tr> </tbody> </table>	Y	N			X	Other core specifications ⌘		X	Test specifications		X	O&M Specifications
Y	N												
	X	Other core specifications ⌘											
	X	Test specifications											
	X	O&M Specifications											
Other comments: ⌘													

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Constraint Declaration	c_SIB11_ModifiedIntrafreqMeas
Reason for change	<ol style="list-style-type: none"> 1. Contents of System Information Block type 11 used in Test case 8.4.1.1 doesn't match with the specification (34.123-1 and 34.108) for Cell ID 3, 7 and 8. As per 34.123-1 specific message content of System Information Block Type 11 for Intra frequency cell info for cell id =2, IE 'Cell individual offset' should be set to OMIT and 'Reference time difference to cell' should be set to 1024. As per 34.108 for Cell cell id 3, 7 and 8, the above mentioned IE's should be set same as done for Cell Id 2. In the TTCN implementation 'Cell individual offset' should be set to 0 and 'Reference time difference to cell' should be set to OMIT for Cell ID 3, 7 and 7. 2. Contents of System Information Block type 11 used in Test case 8.4.1.1 doesn't match with the specification (34.123-1 and 34.108) for Cell ID 4, 5 and 6. As per 34.108 for Cell ID 4, 5 and 6 IE 'Cell Individual offset' is not Present and 'Read SFN Indicator' should be set to FALSE. However in the TTCN implementation these IE's are set to 0 and TRUE respectively. 3. Contents of System Information Block type 11 used in Test case 8.4.1.1 doesn't match with the specification (34.123-1 and 34.108) for IE 'Intra Frequency measurement quantity-> filter coefficient'. As per 34.123-1 this should be present. In TTCN filter Coefficient it is set as 0.
Summary of change	<ol style="list-style-type: none"> 1. Constraint c_SIB11_ModifiedIntrafreqMeas is modified to set IE's 'Cell individual offset' and 'Reference time difference to cell' for cell id 3, 7 and 8 in System Information type 11 message to OMIT and 1024 respectively. 2. Constraint c_SIB11_ModifiedIntrafreqMeas is modified to set IE's 'Cell individual offset' and 'Read SFN indicator' for cell id 4, 5 and 6 in System Information type 11 message to OMIT and FALSE respectively. 3. Constraint c_SIB11_ModifiedIntrafreqMeas is modified to OMIT IE 'Intra Frequency measurement quantity -> filter coefficient' in system Information 11.
Source of change	new change

Before:


```

{
  intraFreqCellID p_IntraCellInfo3.cellId,
  cellInfo {
    cellIndividualOffset 0,
    referenceTimeDifferenceToCell OMIT,
    modeSpecificInfo fdd : {
      primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo3.priScrmCode },
      readSFN_Indicator TRUE,
      tx_DiversityIndicator FALSE
    },
    cellSelectionReselectionInfo OMIT
  }
},
{
  intraFreqCellID p_IntraCellInfo7.cellId,
  cellInfo {
    cellIndividualOffset 0,
    referenceTimeDifferenceToCell OMIT,
    modeSpecificInfo fdd : {
      primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo7.priScrmCode },
      readSFN_Indicator TRUE,
      tx_DiversityIndicator FALSE
    },
    cellSelectionReselectionInfo OMIT
  }
},
{
  intraFreqCellID p_IntraCellInfo8.cellId,
  cellInfo {
    cellIndividualOffset 0,
    referenceTimeDifferenceToCell OMIT,
    modeSpecificInfo fdd : {
      primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo8.priScrmCode },
      readSFN_Indicator TRUE,
      tx_DiversityIndicator FALSE
    },
    cellSelectionReselectionInfo OMIT
  }
}

```



```

    }
  }
}
},
intraFreqMeasQuantity {
  filterCoefficient fc0,
  modeSpecificInfo fdd : {
    intraFreqMeasQuantity_FDD cpich_RSCP
  }
},
intraFreqReportingQuantityForRACH OMIT,
maxReportedCellsOnRACH noReport,
reportingInfoForCellDCH {
  intraFreqReportingQuantity {
    activeSetReportingQuantities {
      dummy noReport,
      cellIdentity_reportingIndicator FALSE,
      cellSynchronisationInfoReportingIndicator FALSE,
      modeSpecificInfo fdd : {
        cpich_Ec_N0_reportingIndicator FALSE,
        cpich_RSCP_reportingIndicator FALSE,
        pathloss_reportingIndicator FALSE }
      },
    monitoredSetReportingQuantities {
      dummy noReport,
      cellIdentity_reportingIndicator FALSE,
      cellSynchronisationInfoReportingIndicator FALSE,
      modeSpecificInfo fdd : {
        cpich_Ec_N0_reportingIndicator FALSE,
        cpich_RSCP_reportingIndicator TRUE,
        pathloss_reportingIndicator FALSE }
      }
    },
  measurementReportingMode {
    measurementReportTransferMode acknowledgedModeRLC,
    periodicalOrEventTrigger periodical
  }
},

```

```

reportCriteria periodicalReportingCriteria : {
  reportingAmount ra_Infinity,
  reportingInterval ril64
}},

interFreqMeasurementSysInfo
{
  interFreqCellInfoSI_List {
    removedInterFreqCellList OMIT,
    newInterFreqCellList { {
      interFreqCellID p_InterCellInfo4.cellId,
      frequencyInfo p_InterCellInfo4.frequencyInfo,
      cellInfo {
        cellIndividualOffset 0,
        referenceTimeDifferenceToCell OMIT,
        modeSpecificInfo fdd : {
          primaryCPICH_Info { primaryScramblingCode p_InterCellInfo4.priScrmCode },
          readSFN_Indicator TRUE,
          tx_DiversityIndicator FALSE
        },
        cellSelectionReselectionInfo OMIT
      }
    },
    {
      interFreqCellID p_InterCellInfo5.cellId,
      frequencyInfo p_InterCellInfo5.frequencyInfo,
      cellInfo {
        cellIndividualOffset 0,
        referenceTimeDifferenceToCell OMIT,
        modeSpecificInfo fdd : {
          primaryCPICH_Info { primaryScramblingCode p_InterCellInfo5.priScrmCode },
          readSFN_Indicator TRUE,
          tx_DiversityIndicator FALSE
        },
        cellSelectionReselectionInfo OMIT
      }
    },
    {
      interFreqCellID p_InterCellInfo6.cellId,
      frequencyInfo p_InterCellInfo6.frequencyInfo,
      cellInfo {
        cellIndividualOffset 0,
        referenceTimeDifferenceToCell OMIT,
        modeSpecificInfo fdd : {
          primaryCPICH_Info { primaryScramblingCode p_InterCellInfo6.priScrmCode },
          readSFN_Indicator TRUE,
          tx_DiversityIndicator FALSE
        },
        cellSelectionReselectionInfo OMIT
      }
    }
  }
}},
nonCriticalExtensions OMIT -- @sic Thomas T1s-040086 sic@
}

```

After :

```

{
sib12indicator FALSE,
measurementControlSysInfo {
use_of_HCS hcs_not_used : {
cellSelectQualityMeasure cpich_RSCP : {
intraFreqMeasurementSysInfo {
intraFreqMeasurementID OMIT,
intraFreqCellInfoSI_List {
removedIntraFreqCellList OMIT,
newIntraFreqCellList {
{
intraFreqCellID p_ActiveCellInfo.cellId,
cellInfo {
cellIndividualOffset OMIT,
referenceTimeDifferenceToCell OMIT,
modeSpecificInfo fdd : {
primaryCPICH_Info { primaryScramblingCode p_ActiveCellInfo.priScrmCode },
readSFN_Indicator TRUE,
tx_DiversityIndicator FALSE
},
},
cellSelectionReselectionInfo OMIT
}
},
{
intraFreqCellID p_IntraCellInfo2.cellId,
cellInfo {
cellIndividualOffset OMIT,
referenceTimeDifferenceToCell accuracy256 : 4,
modeSpecificInfo fdd : {
primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo2.priScrmCode },
readSFN_Indicator TRUE,
tx_DiversityIndicator FALSE
},
},
cellSelectionReselectionInfo OMIT
}
},
{
intraFreqCellID p_IntraCellInfo3.cellId,
cellInfo {
cellIndividualOffset OMIT,
referenceTimeDifferenceToCell accuracy256 : 4,
modeSpecificInfo fdd : {
primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo3.priScrmCode },
readSFN_Indicator TRUE,
tx_DiversityIndicator FALSE
},
},
cellSelectionReselectionInfo OMIT
}
},
{
intraFreqCellID p_IntraCellInfo7.cellId,
cellInfo {
cellIndividualOffset OMIT,
referenceTimeDifferenceToCell accuracy256 : 4,
modeSpecificInfo fdd : {
primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo7.priScrmCode },
readSFN_Indicator TRUE,
tx_DiversityIndicator FALSE
},
},
cellSelectionReselectionInfo OMIT
}
},
{
intraFreqCellID p_IntraCellInfo8.cellId,
cellInfo {
cellIndividualOffset OMIT,
referenceTimeDifferenceToCell accuracy256 : 4,
modeSpecificInfo fdd : {
primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo8.priScrmCode },
readSFN_Indicator TRUE,
tx_DiversityIndicator FALSE
},
},
cellSelectionReselectionInfo OMIT
}
}
}
}

```

```

    }
  }
},
intraFreqMeasQuantity {
  filterCoefficient OMIT,
  modeSpecificInfo fdd : {
    intraFreqMeasQuantity_FDD cpich_RSCP
  }
},
intraFreqReportingQuantityForRACH OMIT,
maxReportedCellsOnRACH noReport,
reportingInfoForCellDCH {
  intraFreqReportingQuantity {
    activeSetReportingQuantities {
      dummy noReport,
      cellIdentity_reportingIndicator FALSE,
      cellSynchronisationInfoReportingIndicator FALSE,
      modeSpecificInfo fdd : {
        cpich_Ec_N0_reportingIndicator FALSE,
        cpich_RSCP_reportingIndicator FALSE,
        pathloss_reportingIndicator FALSE }
    },
    monitoredSetReportingQuantities {
      dummy noReport,
      cellIdentity_reportingIndicator FALSE,
      cellSynchronisationInfoReportingIndicator FALSE,
      modeSpecificInfo fdd : {
        cpich_Ec_N0_reportingIndicator FALSE,
        cpich_RSCP_reportingIndicator TRUE,
        pathloss_reportingIndicator FALSE }
    }
  },
  measurementReportingMode {
    measurementReportTransferMode acknowledgedModeRLC,
    periodicalOrEventTrigger periodical
  },
  reportCriteria periodicalReportingCriteria : {
    reportingAmount ra_Infinity,
    reportingInterval ri164
  }
}),
interFreqMeasurementSysInfo
{
  interFreqCellInfoSI_List {
    removedInterFreqCellList OMIT,
    newInterFreqCellList { {
      interFreqCellID p_InterCellInfo4.cellId,
      frequencyInfo p_InterCellInfo4.frequencyInfo,
      cellInfo {
        cellIndividualOffset OMIT,
        referenceTimeDifferenceToCell OMIT,
        modeSpecificInfo fdd : {
          primaryCPICH_Info { primaryScramblingCode p_InterCellInfo4.priScrmCode },
          readSFN_Indicator FALSE,
          tx_DiversityIndicator FALSE
        },
        cellSelectionReselectionInfo OMIT
      }
    }
  },
  {
    interFreqCellID p_InterCellInfo5.cellId,
    frequencyInfo p_InterCellInfo5.frequencyInfo,
    cellInfo {
      cellIndividualOffset OMIT,
      referenceTimeDifferenceToCell OMIT,
      modeSpecificInfo fdd : {
        primaryCPICH_Info { primaryScramblingCode p_InterCellInfo5.priScrmCode },
        readSFN_Indicator FALSE,
        tx_DiversityIndicator FALSE
      },
      cellSelectionReselectionInfo OMIT
    }
  }
}

```

```

    },
    {
        interFreqCellID p_InterCellInfo6.cellId,
        frequencyInfo p_InterCellInfo6.frequencyInfo,
        cellInfo {
            cellIndividualOffset OMIT,
            referenceTimeDifferenceToCell OMIT,
            modeSpecificInfo fdd : {
                primaryCPICH_Info { primaryScramblingCode p_InterCellInfo6.priScrmCode },
                readSFN_Indicator FALSE,
                tx_DiversityIndicator FALSE
            },
            cellSelectionReselectionInfo OMIT
        }
    }
}
}
}
}
},
nonCriticalExtensions OMIT -- @sic Thomas T1s-040086 sic@
}

```

1.2 Change 2

Constraint Declaration	cs_MeasurementControlevent1e
Reason for change	As per 34.123-1 specific message content for Measurement Control Message at step 7, IE 'Intra Frequency measurement reporting criteria -> filter coefficient' should not be present. In TTCN it is set as '0'.
Summary of change	Modified constraint cs_MeasurementControlevent1e to OMIT IE 'Intra Frequency measurement quantity 'filter coefficient' in Measurement Control message at step 7.
Source of change	new change

Before:

```
{
  cellIndividualOffset p_Offset,
  referenceTimeDifferenceToCell OMIT,
  modeSpecificInfo fdd :
  {
    primaryCPICH_Info
    {
      primaryScramblingCode p_PriScmbCode3
    },
    readSFN_Indicator FALSE,
    tx_DiversityIndicator FALSE
  }
},
cellsForIntraFreqMeasList OMIT
),
intraFreqMeasQuantity
{
  filterCoefficient fc0,
  modeSpecificInfo fdd :
  {
    intraFreqMeasQuantity_FDD cpich_RSCP
  }
},
intraFreqReportingQuantity
{
  activeSetReportingQuantities
  {
    .
    .
  }
}
```

After:

```
{
  cellIndividualOffset p_Offset,
  referenceTimeDifferenceToCell OMIT,
  modeSpecificInfo fdd :
  {
    primaryCPICH_Info
    {
      primaryScramblingCode p_PriScmbCode3
    },
    readSFN_Indicator FALSE,
    tx_DiversityIndicator FALSE
  }
},
cellsForIntraFreqMeasList OMIT
),
intraFreqMeasQuantity
{
  filterCoefficient OMIT,
  modeSpecificInfo fdd :
  {
    intraFreqMeasQuantity_FDD cpich_RSCP
  }
},
intraFreqReportingQuantity
{
  activeSetReportingQuantities
  {
    dummy noReport,
    cellIdentity_reportingIndicator FALSE,
    cellSynchronisationInfoReportingIndicator FALSE,
    modeSpecificInfo fdd :
    {

```

1.3 Change 3

Constraint Declaration	cs_MeasurementControlEvent1a
Reason for change	As per 34.123-1 specific message content for Measurement Control Message at step 12, IE iintra Frequency measurement reporting criteria -> filter coefficientf

	should not be present. In TTCN it is set as #c0i.
Summary of change	Modified constraint cs_MeasurementControlevent1a to OMIT IE Intra Frequency measurement quantity filter coefficient in Measurement Control message at step 12.
Source of change	new change

Before:

```

cellIndividualOffset p_Offset,
referenceTimeDifferenceToCell p_TCell,
modeSpecificInfo fdd :
{
  primaryCPICH_Info
  {
    primaryScramblingCode p_PriScmbCode2
  },
  readSFN_Indicator FALSE,
  tx_DiversityIndicator FALSE
}
},
cellsForIntraFreqMeasList OMIT
},
intraFreqMeasQuantity
{
  filterCoefficient fc0,
  modeSpecificInfo fdd :
  {
    intraFreqMeasQuantity_FDD cpich_RSCP
  }
},
intraFreqReportingQuantity
{
  activeSetReportingQuantities
  {

```

After:

```

{
  primaryScramblingCode p_PriScmbCode2
},
readSFN_Indicator FALSE,
tx_DiversityIndicator FALSE
}
}
},
cellsForIntraFreqMeasList OMIT
},
intraFreqMeasQuantity
{
  filterCoefficient OMIT,
  modeSpecificInfo fdd :
  {
    intraFreqMeasQuantity_FDD cpich_RSCP
  }
},
intraFreqReportingQuantity
{

```

1.4 Change 4

Local Tree and Test step	It_Step5_to_6a
Reason for change	As per 34.123-1 after receiving Measurement Report at step 6, SS shall expect to receive the next MEASUREMENT REPORT message after 64 seconds. TTCN does only a upperbounday check to verify that the Measurement report is received before 64s + 10% tolerance.
Summary of change	Modified Step 6a of the test case to add a lower boundary check for the periodical measurement reporting. A new Local tree It_ReceivePeriodicMeasurementReportStep_6a is defined for this purpose and is

	made use at step 6a.
Source of change	new change

Before:

It_Step5_to_6a				
51		(tcv_Tolerance := (64 * 1000) / 10)		
52		START t_WaitMS (64 * 1000 + tcv_Tolerance)		Initialize the wait timer to 64 seconds
53		+It_Step6_6a		Step 6 in prose; Measurement report received once; @sic Thomas T1-04065 1 sic@
54		+It_CheckCPICH_RSCP		
55		CANCEL t_WaitMS		
56		(tcv_Tolerance := (64 * 1000) / 10)		
57		START t_WaitMS (64 * 1000 + tcv_Tolerance)		Initialize the wait timer to 64 seconds
58		+It_Step6_6a		Step 6a in prose; Measurement report received twice in 64 seconds; @sic Thomas T1-04065 1 sic@
59		+It_CheckCPICH_RSCP		
60		CANCEL t_WaitMS		If received two measurement reports, cancel the timer

After:

It_Step5_to_6a				
0		(tcv_Tolerance := (64 * 1000) / 10)		
1		START t_WaitMS (64 * 1000 + tcv_Tolerance)		Initialize the wait timer to 64 seconds
2		+It_Step6_6a		Step 6 in prose; Measurement report received once; @sic Thomas T1-04065 1 sic@
3		+It_CheckCPICH_RSCP		
4		CANCEL t_WaitMS		
5		+It_ReceivePeriodicMeasurementReportStep_6a		Step 6a in prose; Measurement report received twice in 64 seconds; @sic Thomas T1-04065 1 sic@
6		+It_CheckCPICH_RSCP		

It_ReceivePeriodicMeasurementReportStep_6a					
0		START t_LowerBound(57600), START t_UpperBound(70400)			
1		? TIMEOUT t_LowerBound		(P)	
2		? TIMEOUT t_UpperBound		(F)	
2		AM ?RLC_AM_DATA_IND (tcv_Checkpich_RSCP := RLC_AM_DATA_IND.aM_message.uL_DCC_H_Message.message.measurementReport.measuredResults.intraFreqMeasuredResultsList[0].modeSpecificInfo.fdd.cpich_RSCP) CANCEL t_UpperBound	car_MeasurementReport (tsc_CellDedicated , tsc_RB2, cr_MeasReportInt raFreqPeriodicAddMeasResults (1, OMIT, tcv_CellInfoB.priScrmCode, OMIT))	(P)	Step 6a in prose
2		AM ?RLC_AM_DATA_IND (tcv_Checkpich_RSCP := RLC_AM_DATA_IND.aM_message.uL_DCC_H_Message.message.measurementReport.measuredResults.intraFreqMeasuredResultsList[1].modeSpecificInfo.fdd.cpich_RSCP) CANCEL t_UpperBound	car_MeasurementReport (tsc_CellDedicated , tsc_RB2, cr_MeasReportInt raFreqPeriodicAddMeasResultsTwoCells (1, OMIT, OMIT, tcv_CellInfoA.priScrmCode, tcv_CellInfoB.priScrmCode, OMIT))	(P)	Step 6a in prose
1		AM ?RLC_AM_DATA_IND (tcv_Checkpich_RSCP := RLC_AM_DATA_IND.aM_message.uL_DCC_H_Message.message.measurementReport.measuredResults.intraFreqMeasuredResultsList[0].modeSpecificInfo.fdd.cpich_RSCP) CANCEL t_UpperBound	car_MeasurementReport (tsc_CellDedicated , tsc_RB2, cr_MeasReportInt raFreqPeriodicAddMeasResults (1, OMIT, tcv_CellInfoB.priScrmCode, OMIT))	(F)	
1		AM ?RLC_AM_DATA_IND (tcv_Checkpich_RSCP := RLC_AM_DATA_IND.aM_message.uL_DCC_H_Message.message.measurementReport.measuredResults.intraFreqMeasuredResultsList[1].modeSpecificInfo.fdd.cpich_RSCP) CANCEL t_UpperBound	car_MeasurementReport (tsc_CellDedicated , tsc_RB2, cr_MeasReportInt raFreqPeriodicAddMeasResultsTwoCells (1, OMIT, OMIT, tcv_CellInfoA.priScrmCode, tcv_CellInfoB.priScrmCode, OMIT))	(F)	

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1116 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to the RRC default message handler on Dc SAP for Deactivate PDP Context Request message in RRC ATS.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 18/11/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# In Deactivate PDP context request message IE iTear down indicatori is an optional IE, but in RRC defaults this IE is expected. In case the UE sends Deactivate PDP context request message without IE Tear down indicator, the message does not get handled in RRC_Def1.
Summary of change:	# At row 52 and 60 of the RRC_Def1 default test step Constraint icbr_Deact_PDP_ContextReq_MOi used for Deactivate PDP context request message instead of icr_DeactPDP_ContextReqMOi.
Consequences if not approved:	# TTCN may pass a non-compliant UE.

Clauses affected:	# N.A.								
Other specs affected:	<table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">Y</td> <td style="border: 1px solid black; padding: 2px;">N</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">#</td> <td style="border: 1px solid black; padding: 2px;">X</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">#</td> <td style="border: 1px solid black; padding: 2px;">X</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">#</td> <td style="border: 1px solid black; padding: 2px;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X
Y	N								
#	X								
#	X								
#	X								
Other comments:	#								

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.

- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1:

Local Tree and Test step	RRC_Def1
Reason for change	In Deactivate PDP context request message IE <i>Tear down indicator</i> is an optional IE, but in RRC defaults this IE is expected. In case the UE sends Deactivate PDP context request message without IE <i>Tear down indicator</i> , the message does not get handled in RRC_Def1.
Summary of change	At row 52 and 60 of the RRC_Def1 default test step Constraint <i>icbr_Deact_PDP_ContextReq_MO</i> used for Deactivate PDP context request message instead of <i>icr_DeactPDP_ContextReqMO</i> .

TTCN before change:

51	DFI4	CANCEL		(I)	
52		Dc?RRC_DataInd [tcv_TestBody = FALSE]	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_DeactPDP_ContextReqMO(?))	(I)	2. @sic ER1935 T1s040
53	DFI5	CANCEL			3. @sic ER1935 T1s040
54		AM?OTHERWISE [tcv_TestBody = TRUE]			
55	DFF2	CANCEL		(F)	
56		UM?OTHERWISE [tcv_TestBody = TRUE]			
57	DFF3	CANCEL		(F)	
58		TM?OTHERWISE [tcv_TestBody = TRUE]			
59	DFF4	CANCEL		(F)	
60		Dc?RRC_DataInd [tcv_TestBody = TRUE]	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_DeactPDP_ContextReqMO(?))	(F)	5. @sic ER1935 T1s040
61	DFF5	CANCEL			3. @sic ER1935 T1s040

TTCN after change:

51	DFI4	CANCEL		(I)	
52		Dc?RRC_DataInd [tcv_TestBody = FALSE]	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cbr_Deact_PDP_ContextReq_MO(?))	(I)	2. @sic ER1935 T1s040
53	DFI5	CANCEL			3. @sic ER1935 T1s040
54		AM?OTHERWISE [tcv_TestBody = TRUE]			
55	DFF2	CANCEL		(F)	
56		UM?OTHERWISE [tcv_TestBody = TRUE]			
57	DFF3	CANCEL		(F)	
58		TM?OTHERWISE [tcv_TestBody = TRUE]			
59	DFF4	CANCEL		(F)	
60		Dc?RRC_DataInd [tcv_TestBody = TRUE]	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cbr_Deact_PDP_ContextReq_MO(?))	(F)	5. @sic ER1935 T1s040
61	DFF5	CANCEL			3. @sic ER1935 T1s040

CHANGE REQUEST

34.123-3 CR 1117 # rev # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to TTCN for MultiRAB test cases.		
Source:	# Anite Telecoms		
Work item code:	# N/A	Date:	# 18/11/2004
Category:	# F	Release:	# R99
	<i>Use <u>one</u> of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# <ol style="list-style-type: none"> 1) In case of MultiRAB test cases while calling test step ts_RRC_ReceiveRB_SetupCmpl during Speech RB Setup p_RbType type passed is cell_DCH_Speech. At this time the recentSecureDomain will be ps_domain. In case Ciphering is turned on, then the TTCN execution will not get a match at row 4 and 6. Finally when UE sends Radio Bearer Setup Complete message it gets a match in RRC_Def1 and hence the test case FAILS a conformant UE. 2) In case of MultiRAB test cases while calling test step ts_RRC_ReceiveRB_SetupCmpl during 64KBPS CS RB Setup p_RbType type passed is cell_DCH_64kCS_RAB_SRB. At this time the recentSecureDomain will be ps_domain. In case Ciphering is turned on, then the TTCN execution will not get a match at row 4 and 6. Finally when UE sends Radio Bearer Setup Complete message it gets a match in RRC_Def1 and hence the test case FAILS a conformant UE.
Summary of change:	# 1) In the test step ts_RRC_ReceiveRB_SetupCmpl added check for these special test scenario at row 4 of the TTCN.
Consequences if not approved:	# TTCN implementation will fail a conformant UE.

Clauses affected:	# N/A								
Other specs affected:	<table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">Y</td> <td style="border: 1px solid black; padding: 2px; text-align: center;">N</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">#</td> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">#</td> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">#</td> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X
Y	N								
#	X								
#	X								
#	X								
Other comments:	# IWD RAB wk45 ATS is used as reference for TTCN changes.								

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to

1.1 Change 1

Test step name	ts_RRC_ReceiveRB_SetupCmpl
Reason for change	<p>1) In case of MultiRAB test cases while calling test step ts_RRC_ReceiveRB_SetupCmpl during Speech RB Setup p_RbType type passed is cell_DCH_Speech. At this time the recentSecureDomain will be ps_domain. In case Cipherng is turned on, then the TTCN execution will not get a match at row 4 and 6. Finally when UE sends Radio Bearer Setup Complete message it gets a match in RRC_Def1 and hence the test case FAILS a conformant UE.</p> <p>2) In case of MultiRAB test cases while calling test step. ts_RRC_ReceiveRB_SetupCmpl during 64KBPS CS RB Setup p_RbType type passed is cell_DCH_64kCS_RAB_SRB. At this time the recentSecureDomain will be ps_domain. In case Cipherng is turned on, then the TTCN execution will not get a match at row 4 and 6. Finally when UE sends Radio Bearer Setup Complete message it gets a match in RRC_Def1 and hence the test case FAILS a conformant UE.</p>
Summary of change	1) In the test step ts_RRC_ReceiveRB_SetupCmpl added check for these special test scenario at row 4 of the TTCN.
Source of change	New change

Before:

1	+ ts_SetTmpCellInfo (p_CellId)		
2	START t_WaitMS		
3	[(p_RbType = cell_DCH_Speech) OR (p_RbType = cell_DCH_64kCS_RAB_SRB) OR (p_RbType = cell_DCH_57_6kCS_RAB_SRB) OR (p_RbType = cell_Two_DTCH) OR (p_RbType = cell_Four_DTCH_CS) OR ((p_RbType = cell_Two_DTCH_PS_CS) AND (tcv_CN_Domain = cs_domain)) OR ((p_RbType = cell_Four_DTCH_PS_CS) AND (tcv_CN_Domain = cs_domain)) OR ((p_RbType = cell_DCH_DSCH_CS_PS) AND (tcv_CN_Domain = cs_domain))]		TM RAB
4	(((tcv_CellIndInfo.cs_cipherngStarted = TRUE) AND (tcv_CellIndInfo.recentSecureDomain = cs_domain))		
5	+ It_CipherngStartedTM_RAB		
6	[tcv_CellIndInfo.cs_cipherngStarted = FALSE]		
7	+ It_CipherngNotStartedTM_RAB		

After:

0	+ ts_SetTmpCellInfo (p_CellId)		
1	START t_WaitMS		
2	[(p_RbType = cell_DCH_Speech) OR (p_RbType = cell_DCH_64kCS_RAB_SRB) OR (p_RbType = cell_DCH_57_6kCS_RAB_SRB) OR (p_RbType = cell_Two_DTCH) OR (p_RbType = cell_Four_DTCH_CS) OR ((p_RbType = cell_Two_DTCH_PS_CS) AND (tcv_CN_Domain = cs_domain)) OR ((p_RbType = cell_Four_DTCH_PS_CS) AND (tcv_CN_Domain = cs_domain)) OR ((p_RbType = cell_DCH_DSCH_CS_PS) AND (tcv_CN_Domain = cs_domain))]		TM RAB
3	(((tcv_CellIndInfo.cs_cipherngStarted = TRUE) AND (tcv_CellIndInfo.recentSecureDomain = cs_domain)) OR ((tcv_CellIndInfo.cs_cipherngStarted = TRUE) AND (p_RbType = cell_DCH_Speech)) OR ((tcv_CellIndInfo.cs_cipherngStarted = TRUE) AND (p_RbType = cell_DCH_64kCS_RAB_SRB))		
4	+ It_CipherngStartedTM_RAB		
3	[tcv_CellIndInfo.cs_cipherngStarted = FALSE]		
4	+ It_CipherngNotStartedTM_RAB		

CHANGE REQUEST

34.123-3 CR 1118 # rev # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to approved package 4 NAS Test case tc_12_6_1_3_1		
Source:	# Anite		
Work item code:	# N/A	Date:	# 18/11/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# In TS 34.123-1 section 12.6.1.3.1.4 Expected Sequence, at Step#21 specifies - the SS should send ROUTING AREA UPDATE ACCEPT message with ì Update result = 'RA updated' Mobile identity = P-TMSI-1 P-TMSI-1 signature Routing area identity = RAI-2î In TTCN implementation, tc_12_6_1_3_1 at line#42 ROUTING AREA UPDATE ACCEPT is sent with P-TMSI-2 and P-TMSI-2 signature .		
Summary of change:	# In TTCN implementation, tc_12_6_1_3_1 at line#42 correction is made to send ROUTING AREA UPDATE ACCEPT message with P-TMSI-1 and P-TMSI-1 signature .		
Consequences if not approved:	# TTCN implementation is not as per the prose.		

Clauses affected:	# N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	#	X	#	X	#	X	Other core specifications	#
Y	N										
#	X										
#	X										
#	X										
		Test specifications									
		O&M Specifications									
Other comments:	# IWD NAS_wk45 ATS is used as reference for TTCN changes.										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.

- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to

Change 1.

TTCN Reference	tc_12_6_1_3_1 local tree lt_RAUpd_Steps_19To22, line#42
Reason for change	At line #42, SS needs to send ROUTING AREA UPDATE ACCEPT message with PTMSI1 and PTMSI_Signature
Summary of change	At line#42 px_PTMSI_Sig2 and px_PTMSI_2 references are changed to px_PTMSI_SigDef and px_PTMSI_Def respectively
Source of change	New change.

Before Change:

41	+ ts_RRC_Security (tsc_CellB, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, FALSE, ps_domain)		
42	Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_RA_UpgradeAcc(c_GMM_UpdateResultRA_Updated, c_RAI_v (tcv_CellInfoB.mcc, tcv_CellInfoB.mnc, tcv_CellInfoB.lac, tcv_CellInfoB.rac), c_PTMSI_Signature (px_PTMSI_Sig2), c_MobileIdPTMSI (px_PTMSI_2), -))	Step 21. ROUTING AREA UPDATING ACCEPT - Update result = 'RA updated' - default RAI - P-TMSI-1 - P-TMSI-1 signature

After Change:

41	+ ts_RRC_Security (tsc_CellB, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, FALSE, ps_domain)		
42	Dc ! RRC_DataReq tcv_AssignedPTMSI := px_PTMSI_Def, tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_RA_UpgradeAcc(c_GMM_UpdateResultRA_Updated, c_RAI_v (tcv_CellInfoB.mcc, tcv_CellInfoB.mnc, tcv_CellInfoB.lac, tcv_CellInfoB.rac), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))	Step 21. ROUTING AREA UPDATING ACCEPT - Update result = 'RA updated' - default RAI - P-TMSI-1 - P-TMSI-1 signature

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CHANGE REQUEST

34.123-3 CR 1119 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Summary of regression errors in the wk45 ATS.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 16/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Correction of errors found is TTCN as part of Regression on wk45 ATS.
Summary of change:	# This document lists all changes applied to wk45 required for testing of the approved test cases. See detailed change description for further information.
Consequences if not approved:	# Test case may fail a conformant UE.

Clauses affected:	# None																
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> Test specifications # <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications # <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Y	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Y	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Y	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1 Table of Contents

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3.1	Change 1	5

2 Corrections required for RAB_wk45 test suite

2.1 Change 1

Test step	ts_2DCH_ModifyStreamUnknown14_4, ts_2DCH_ModifyStreamUnknown28_8
Reason for change	In these test steps Secondary Scrambling Code configured is 1. However as per T1-24 T1-041438 this should be 0. This affects test case 14.2.15 and 14.2.16.
Summary of change	At Row 3 in these test steps use cd_DL_DPCH_AMR_NoSc instead of cb_DL_DPCH_AMR.
Source of change	New change

2.2 Change 2

Test step	ts_RB_SendRB_SetUpStreamUnknown14_4k
Reason for change	At Row 2 Secondary Scrambling Code needs to be set as OMIT. This is as per T1-041438. This Test Step is used for test case 14.2.15
Summary of change	At Row 2 changed tcv_TmpCellInfo.dl_DPCH_2ndScrCode to OMIT
Source of change	New change

After:

1	+ ts_SetTmpCellInfo (p_CellId)		
2	AM ! RLC_AM_DATA_REQ	<pre> cas_RB_SetUpAM_WithCnf(tsc_CellDedicated, tsc_RB2, tsc_Mui, cs_RRC_RB_SetUp(cs_IntegrityCheckInfo0, tcv_RRC_Ti, p_ActTime, cell_DCH, OMIT, c_RAB_InfoListTM_1 (c_ReEstTimerT314, p_RAB_Id), c_UL_CommTrChInfoTM_0_To3, c_UL_AddReconfTransChInfoListTM_1 (c_DCH_576_TFS_2_UE), c_DL_CommonTransChInfoSameAsUL, c_DL_AddReconfTransChInfoListTM_1, c_DL_InformationPerRL (tcv_TmpCellInfo.priScrmCode, tsc_ Sfc128, OMIT, c_DL_CommonInformationRB_SetUp (tsc_Sfd128_8), cb_UL_DPCH_Info (tsc_Sf64, pl0_88, tcv_TmpCellInfo.ul_ScramblingCode), OMIT)) </pre>	@sic T1s-040300 sic@
3	AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui)	

3 Corrections required for RRC_wk45 test suite

3.1 Change 1

Test step	Pr_GotoState6_14_PS_CS (8_1_7_1c)
Reason for change	In this test step tcv_TI_S.tiFlag and tcv_TI_R.tiFlag are updated after call to test step ts_RRC_NAS_CallSetupCS_MT_P7_P8.
Summary of change	Moved initialization of above variables before calling test step ts_RRC_NAS_CallSetupCS_MT_P7_P8 at row 9.
Source of change	New change

After:

8	+ It_SetCellConfig			
9	(tcv_TI_S.tiFlag := '0'B, tcv_TI_R.tiFlag := '1'B)			
10	+ ts_RRC_NAS_CallSetupCS_MT_P7_P8 (p_CellId)			

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CHANGE REQUEST	
# 34.123-3 CR 1120 # rev - #	Current version: 3.7.0 #

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Correction to RRC P4 TC 8.1.7.1b for comments in test steps.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 16/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Comments in line#21, 29, 33 and 34 of test case 8_1_7_1b are not correct.
Summary of change:	# Comments in line 21, 29, 33 and 34 are modified.
Consequences if not approved:	# Mismatch between TTCN and Prose will remain.

Clauses affected:	#								
Other specs affected:	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Other comments:	#								

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1:

Test Case 8_1_7_1b	Comment in line#21, 29, 33 and 34
Reason for change	Comments in line#21, 29, 33 and 34 of test case 8_1_7_1b, need to be corrected.
Summary of change	Comments in the respective lines are corrected
Source of change	New change

Before:

21	TBP3	AM?RLC_AM_DATA_IND (tcv_CellIndInfo.uL_Integrity := RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.securityModeComplete.uL_IntegProtActivationInfo, tcv_CellIndInfo.uL_CipherMode := RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.securityModeComplete.rb_UL_CiphActivationTimeInfo)	car_RRC_SecModeCmpl (tsc_CellDedicated, tsc_RB2, cdr_RRC_SecModeCmpl_8_1_7 (tcv_RRC_Ti , cr_CipheringActTimeSRB_RAB20_Any))	(P)	Step 9
22		+ ts_CRLC_UL_CipherCfg (tcv_CellIndInfo.uL_CipherMode, inc)			Download UL ciphering information
23		+ ts_CRLC_UL_Integrity (tcv_CellIndInfo.uL_Integrity)			Download UL integrity information
24		+ ts_CRLC_ResumeSecurity (tsc_Cella)			
25		+ It_Check_UE_Capability			
It_Check_UE_Capability					
26		+ts_InitCapability			To initialize local variables used in UE capability constraints.
27		(tcv_Res := FALSE, tcv_K := 0)			
28		REPEAT It_LoopUE_Capability UNTIL [tcv_Res]			
It_LoopUE_Capability					
29		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityEnq(tsc_CellDedicated , tsc_RB2, cs_108_UE_CapabilityEnq(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))		step 10
30		START t_WaitMS			
31	TBF4	? TIMEOUT t_WaitMS		(F)	
32		(tcv_Res := TRUE)			Stop the loop
33	TBP4	AM?RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoIntegrityPass (tsc_CellDedicated , tsc_RB2, cr_108_UE_CapabilityInfoAM (tcv_RRC_Ti, cr_RadioAccessCapabilityDef (tcv_PD_CP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Reception, { cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability, integrityProtectionAlgorithmCap tsc_IntegrProtAlgCap }, *))	(P)	step 11
34		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityInfoCnfAM(tsc_CellDedicated		step 12

After:

21	TBP3	AM?RLC_AM_DATA_IND (tcv_CellIndInfo.ul_Integrity := RLC_AM_DATA_IND.am_message.ul_DCCH_Message.message.securityModeComplete.ul_IntegProtActivationInfo, tcv_CellIndInfo.ul_CipherMode := RLC_AM_DATA_IND.am_message.ul_DCCH_Message.message.securityModeComplete.rb_UL_CiphActivationTimeInfo)	car_RRC_SecModeCmpl (tsc_CellDedicated, tsc_RB2, cdr_RRC_SecModeCmpl_8_1_7 (tcv_RRC_Ti, cr_CipheringActTimeSRB_RAB20_Any))	(P)	Step 7
22		+ ts_CRLC_UL_CipherCfg (tcv_CellIndInfo.ul_CipherMode, inc)			Download UL ciphering information
23		+ ts_CRLC_UL_Integrity (tcv_CellIndInfo.ul_Integrity)			Download UL integrity information
24		+ ts_CRLC_ResumeSecurity (tsc_Cella)			
25		+ It_Check_UE_Capability			
It_Check_UE_Capability					
26		+ts_InitCapability			To initialize local variables used in UE capability constraints.
27		(tcv_Res := FALSE, tcv_K := 0)			
28		REPEAT It_LoopUE_Capability UNTIL [tcv_Res]			
It_LoopUE_Capability					
29		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityEnq(tsc_CellDedicated, tsc_RB2, cs_108_UE_CapabilityEnq(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))		step 8
30		START t_WaitMS			
31	TBF4	? TIMEOUT t_WaitMS		(F)	
32		(tcv_Res := TRUE)			Stop the loop
33	TBP4	AM?RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoIntegrityPass (tsc_CellDedicated, tsc_RB2, cr_108_UE_CapabilityInfoAM (tcv_RRC_Ti, cr_RadioAccessCapabilityDef (tcv_PD_CP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Reception, { cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability, integrityProtectionAlgorithmCap tsc_IntegrProtAlgCap}), *))	(P)	step 9
34		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityInfoCnfAM(tsc_CellDedicated		step 10

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CHANGE REQUEST

34.123-3 CR 1121 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Correction to GCF P3 NAS test Cases 13.2.1.1, 13.2.2.1 and 13.2.2.2		
Source:	# Anite		
Work item code:	# N/A	Date:	# 16/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# TS 34.123-1 Section 13 General test cases, <i>Related ICS/IXIT Statement(s)</i> refers to support of <i>Emergency speech call</i> . In TTCN implementation of 13.2.1.1, 13.2.2.1 and 13.2.2.2 test cases test case selection refers to <i>Speech Call</i> instead of <i>Emergency Speech Call</i> .
Summary of change:	# In NAS ATS Test case index table, Selection Ref for tc_13_2_1_1, tc_13_2_2_1 and tc_13_2_2_2 changed from <i>CC_Speech</i> to <i>CC_EmergSpeech</i> .
Consequences if not approved:	# Test case implementation will not be conformant to test prose.

Clauses affected:	#				
Other specs affected:	#				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications #	Y	N	#	X
Y	N				
#	X				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Test specifications #	#	X		
#	X				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> O&M Specifications #	#	X		
#	X				
Other comments:	# TTCN referred from IWS NAS wk45.				

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
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downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

TTCN Reference	Test case index
Reason for change	TS 34.123-1 Section 13 General test cases, <i>Related ICS/IXIT Statement(s)</i> refers to support of <i>Emergency speech call</i> . In TTCN implementation of 13.2.1.1, 13.2.2.1 and 13.2.2.2 test cases test case selection refers to <i>Speech Call</i> instead of <i>Emergency Speech Call</i> .
Summary of change	In NAS ATS Test case index table, Selection Ref for tc_13_2_1_1, tc_13_2_2_1 and tc_13_2_2_2 changed from <i>CC_Speech</i> to <i>CC_EmergSpeech</i> .
Source of change	New change

Before:

General/	tc_13_2_1_1	CC_Speech	Emergency call / gene
General/	tc_13_2_2_1	CC_Speech	Emergency call / witho cept case
General/	tc_13_2_2_2	CC_Speech	Emergency call / witho eject case

After:

General/	tc_13_2_1_1	CC_EmergSpeech	Emergency call / gen
General/	tc_13_2_2_1	CC_EmergSpeech	Emergency call / with cept case
General/	tc_13_2_2_2	CC_EmergSpeech	Emergency call / with ect case

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1122 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Correction to GCF P4 NAS test Case 12.2.1.6.2		
Source:	# Anite		
Work item code:	# N/A	Date:	# 16/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# 1. As per 34.123-1 Section 12.2.1.6.4.2 Test Procedure 2 The SIB1 IE "CN domain specific NAS system information", for the CS Domain, is set to value "00 00" in both cells (i.e. cell A and cell B) In TTCN implementation, SIB1 IE "CN domain specific NAS system information", for the CS Domain is not correctly initialized for B. 2. It_ResetSysInfos local tree is defined but not used in test case implementation.
Summary of change:	# 1. SIB1 IE for CN domain Specific NAS system information for the CS domain is set to value "00 00" for cell B. 2. Local tree It_ResetSysInfos implementation is deleted.
Consequences if not approved:	# Inconsistency will remain between Test case implementation and test prose.

Clauses affected:	#								
Other specs affected:	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> </table> Test specifications # <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> </table> O&M Specifications #	Y	N	#	X	#	X	#	X
Y	N								
#	X								
#	X								
#	X								
Other comments:	# TTCN referred from IWS NAS wk45.								

How to create CRs using this form:

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

TTCN Reference	tc_12_2_1_6_2
Reason for change	As per 34.123-1 Section 12.2.1.6.4.2 Test Procedure 2 The SIB1 IE "CN domain specific NAS system information", for the CS Domain, is set to value "00 00" in both cells (i.e. cell A and cell B) In TTCN implementation, SIB1 IE "CN domain specific NAS system information", for the CS Domain is not correctly initialized for B.
Summary of change	At line# 3, following initialization are done, tcv_CellInfoB.attFlag := tsc_AttOff, tcv_CellInfoB.t3212 := tsc_T3212_0
Source of change	New change

Before:

2	+ts_InitVariables			
3	(tcv_CellInfoA.nmo := tsc_NMO_II, tcv_CellInfoB.nmo := tsc_NMO_II, tcv_CellInfoB.attenuationLevel := tsc_Attenuation SuitableNeighbourCell, tcv_CellInfoB.attFlag := t sc_AttOff, tcv_CellInfoB.t3212 := tsc_T3212_0)			Test case specific cell settings

After:

2	+ts_InitVariables			
3	(tcv_CellInfoA.nmo := tsc_NMO_II, tcv_CellInfoB.nmo := tsc_NMO_II, tcv_CellInfoB.attenuationLevel := tsc_Attenuation SuitableNeighbourCell, tcv_CellInfoB.attFlag := tsc_AttOff, tcv_CellInfoB.t3212 := tsc_T3212_0)			Test case specific settings

1.2 Change 2

TTCN Reference	tc_12_2_1_6_2
Reason for change	It_ResetSysInfos local tree is defined but not used in test case implementation.
Summary of change	Delete local tree implementation of It_ResetSysInfos. (i.e. Delete local tree header It_ResetSysInfos and lines #28 to # 31)
Source of change	New change

CHANGE REQUEST

34.123-3 CR 1123 # rev # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to RAB test case 14.4.2.3 and 14.4.2a.3.		
Source:	# Anite Telecoms		
Work item code:	# N/A	Date:	# 16/11/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# 1) Test Step ts_SS_FirstSCCPCH_PCH_PCCH_Cfg, which is called at row 3 of test step ts_SS_CreateCell3_SCCPCH_3_FACH_CTCH_2a and ts_SS_CreateCell3_SCCPCH_3_FACH_CTCH configures SCCPCH carrying PCH with Code number 6. However as per 34.108 section 6.1.3 it should be 4 2) cb_SIB5_Def_3SCCPCH_1 constraint transmits SIB 5 information for SCCPCH carrying PCH with Code number 6
Summary of change:	# 1) Created a new test step ts_SS_FirstSCCPCH_PCH_PCCH_Cfg_CodeNum4 and the same is used at row 3. 2) Changed Code number from 6 to 4.
Consequences if not approved:	# TTCN implementation will not be as per the Test Specification.

Clauses affected:	# N/A								
Other specs affected:	# <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # <input type="checkbox"/> Test specifications # <input type="checkbox"/> O&M Specifications # <input type="checkbox"/>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
Other comments:	# IWD RAB wk42 ATS is used as reference for TTCN changes.								

How to create CRs using this form:

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- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to

1.1 Change 1

Test step name	ts_SS_CreateCell3_SCCPCH_3_FACH_CTCH_2a, ts_SS_CreateCell3_SCCPCH_3_FACH_CTCH
Reason for change	Test Step ts_SS_FirstSCCPCH_PCH_PCCH_Cfg, which is called at row 3 configures SCCPCH carrying PCH with Code number 6. However as per 34.108 section 6.1.3 it should be 4. Note: Changes shown below are for the test step ts_SS_CreateCell3_SCCPCH_3_FACH_CTCH_2a, similar changes are required for test step ts_SS_CreateCell3_SCCPCH_3_FACH_CTCH
Summary of change	Created a new test step ts_SS_FirstSCCPCH_PCH_PCCH_Cfg_CodeNum4 and the same is used at row 3.
Source of change	New change

Before:

2	+ts_SS_BCH_SCH_CPICH_Cfg(p_CellId)		
3	+ts_SS_FirstSCCPCH_PCH_PCCH_Cfg(p_CellId)		PCH->SCCPCH1
4	+ts_SS_2FACH_CCCH_BCCH_CTCH_Cfg(p_CellId)		

After:

2	+ts_SS_BCH_SCH_CPICH_Cfg(p_CellId)		
3	+ts_SS_FirstSCCPCH_PCH_PCCH_Cfg_CodeNum4(p_CellId)		PCH->SCCPCH1
4	+ts_SS_2FACH_CCCH_BCCH_CTCH_Cfg(p_CellId)		

New Test Step:

Test Step Id:	ts_SS_FirstSCCPCH_PCH_PCCH_Cfg_CodeNum4 (p_CellId : INTEGER)
Test Step Group Ref:	RB_Steps/RB_Configuration/
Objective:	To configure the second secondary CCPCH (tsc_S_CCPCH2), then connect PCH to the secondary CCPCH . (34.108 cl. 4.2.1), finally to map PCCH to PCH.
Defaults:	InitOtherwiseFail
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	...	Comments
1		+ts_SetTmpCellInfo (p_CellId)			
2		[px_RAT = fdd]			
3		CPHYICPHY_RL_Setup_REQ	ca_sCCPCH_InfoPCH_RAB_StandAlone_CodeNum4 (p_CellId, tsc_S_CCPCH1, tsc_S_CCPCH_2ndScrCode, 4, (tcv_TmpCellInfo.powersCCPCH1))		s-CCPCH2 @sic RASH ER1926 sic@
4		CPHY?CPHY_RL_Setup_CNF	ca_RL_SetupCnf(p_CellId, tsc_S_CCPCH1)		
5		CPHYICPHY_TrCH_Config_REQ	ca_PCH_Info2 (p_CellId, tsc_S_CCPCH1)		connect PCH and FACH to s-CCPCH1
6		CPHY ? CPHY_TrCH_Config_CNF	ca_TrChCfgCnf (p_CellId, tsc_S_CCPCH1)		
7		CMAC | CMAC_Config_REQ	ca_CMAC_CfgInfo (p_CellId, tsc_S_CCPCH1, c_UE_Info (OMIT, OMIT), c_TrCHInfoPCH, c_TrLogMappingPCH_NoFACH)		map PCCH to PCH, @sic RASH ER1926 sic@
8		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf(p_CellId, tsc_S_CCPCH1)		
9		CPHYICPHY_RL_Setup_REQ	ca_PICH_Info(p_CellId, c_PichInfo, (tcv_TmpCellInfo.powerPICH), 1)		PICH
10		CPHY?CPHY_RL_Setup_CNF	ca_RL_SetupCnf (p_CellId, tsc_PICH1)		
11	ERR1	[px_RAT = tdd]		|	
12	ERR2	[TRUE]		|	

New Constraint:

Constraint Name:	ca_sCCPCH_InfoPCH_RAB_StandAlone_CodeNum4 (p_CellId: INTEGER; p_PhyChId: INTEGER; p_SndScramCode : INTEGER; p_SlotFormat: SCCPCHSlotFormat; p_TxPower : DL_TxPower)
Group:	
ASP Name:	CPHY_RL_Setup_REQ
Derivation Path:	
Comments:	For FDD mode only,
Constraint Value	
<pre> { cellId p_CellId, routingInfo physicalChannelIdentity: p_PhyChId, ratType fdd, setupMessage { physicalChannelInfo secondaryCCPCHInfo : { scramblingCode p_SndScramCode, dl_ChannelizationCode sf1 28:4, sCCPCHSlotFormat p_SlotFormat, timingOffset 30, positionFixedOrFlexible fixed, sttd_Indicator FALSE, dl_TxPower p_TxPower, powerOffsetOfTFCL_P01 tsc_sCCPCH_PowerOffsetTFCL, powerOffsetOfPILOT_P03 tsc_sCCPCH_PowerOffsetPILOT } } } </pre>	

1.2 Change 2

Test step name	cb_SIB5_Def_3SCCPCH_1
Reason for change	This constraint transmits SIB 5 information for SCCPCH carrying PCH with Code number 6. However as per 34.108 section 6.1.3 it should be 4.
Summary of change	Changed Code number from 6 to 4.
Source of change	New change

Before:

```

sCCPCH_SystemInformationList {
{
secondaryCCPCH_Info {
modeSpecificInfo fdd : {
dummy1 maybeUsed, -- mandatory ie
secondaryScramblingCode OMIT,
sttd_Indicator FALSE,
sf_AndCodeNumber sf1 28:6, --from 34.108
pilotSymbolExistence FALSE,
tfci_Existence FALSE,
positionFixedOrFlexible fixed,
timingOffset 30
}
}
},

```

After:

```

sCCPCH_SystemInformationList {
{
secondaryCCPCH_Info {
modeSpecificInfo fdd : {
dummy1 maybeUsed, -- mandatory ie
secondaryScramblingCode OMIT,
sttd_Indicator FALSE,
sf_AndCodeNumber sf1 28:4, --from 34.108
pilotSymbolExistence FALSE,
tfci_Existence FALSE,
positionFixedOrFlexible fixed,
timingOffset 30
}
}
},

```

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1124 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Correction to RRC Package 2 TC 8.3.1.3.		
Source:	# Anite Telecoms		
Work item code:	# N/A	Date:	# 16/11/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# After sending UTRAN Mobility Information message, SS starts a wait timer t_WaitS (15 Sec) for message UTRAN Mobility Confirm message from UE. But after receiving this message TTCN doesn't cancel the timer.
Summary of change:	# Modified line # 24 of the test case to Cancel the wait timer t_WaitS after receiving the message UTRAN Mobility Confirm message from UE.
Consequences if not approved:	# Test case may fail a compliant UE.

Clauses affected:	# N.A.						
Other specs Affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	#
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<input type="checkbox"/>	Test specifications	#				
	<input type="checkbox"/>	O&M Specifications	#				
Other comments:	#						

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Change 1:

Local Tree and Test step Local Tree It_TestBody of tc_8_3_1_4

Reason for change After sending UTRAN Mobility Information message, SS starts a wait timer t_WaitS (15 Sec) for message UTRAN Mobility Confirm message from UE.

But after receiving this message TTCN doesn't cancel the timer.

Summary of change Modified line # 24 of the test case to Cancel the wait timer t_WaitS after receiving the message UTRAN Mobility Confirm message from UE

Source of change New Change

TTCN before change:

21		AM ! RLC_AM_DATA_REQ	cas_RRC_UtranMobilityInfo (tsc_CellDedicated, tsc_RB2, cds_UTRAN_MobilityInfoInfinityTimer (tcv_RRC_Ti, tcv_CellIndInfo.dl_IntegrityCheckInfo, OMIT, OMIT))		Step 8 . SS sends UTRAN MOBILITY INFORMATION message to Set t-305 to Infinity
22		START t_WaitS			
23	TBF1	? TIMEOUT t_WaitS		(F)	
24	TBP4	AM ? RLC_AM_DATA_IND	car_RRC_UtranMobilityInfoCnf (tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))	(P)	Step 9 @sic OG 26/05/04 T1-04 0510 sic@
25		+ts_SS_SwitchCellPowerLevels (tsc_CellA, tsc_CellB)			Step 10
26	TBP5	+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellB, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, cellReselection), (tsc_MaxCampingTime * 1000))			Step 11 . UE send CELL UPDATE message with " cell reselection" is included in IE "Cell update cause"

TTCN after change:

21		AM | RLC_AM_DATA_REQ	cas_RRC_UtranMobilityInfo (tsc_CellDedicated, tsc_RB2, cds_UTRAN_MobilityInfoInfi nityTimer (tsc_RRC_TI, tsc_CellIndInfo.dl_Integrity CheckInfo, OMIT, OMIT))		Step 8 . SS sends UTRAN MOBILITY INFORMATION message to Set t-305 to Infinity
22		START t_WaitS			
23	TBF1	? TIMEOUT t_WaitS		(F)	
24	TBP4	AM ? RLC_AM_DATA_IND CAN CEL t_WaitS	car_RRC_UtranMobilityInfoC (P) nf (tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfo Cnf (tsc_RRC_TI))		Step 9 @sic OG 26/05/04 T1-04 0510 sic@
25		+ts_SS_SwitchCellPowerLeve ls (tsc_CellA, tsc_CellB)			Step 10

CR-Form-v7
CHANGE REQUEST
34.123-3 CR 1125 # rev - # Current version: 3.7.0

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Correction to AT Command used for GCF P1 NAS test Case 10.1.2.5.1		
Source:	# Anite		
Work item code:	# N/A	Date:	# 16/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# In test step ts_AT_CheckAlertingStop, at line#4 iAT+CLCC:...i string is used to check whether call is in Alerting state or not. But as per TS 27.007 Section 7.18, valid return value is i+CLCC:...i.
Summary of change:	# In test step ts_AT_CheckAlertingStop, line#4, i+CLCC:...i string value is used in place of iAT+CLCC:...i.
Consequences if not approved:	# Test case may pass a non conformant UE.

Clauses affected:	#				
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications #	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications #	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications #	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other comments:	# TTCN referred from IWS NAS wk45.				

How to create CRs using this form:

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

TTCN Reference	ts_AT_CheckAlertingStop
Reason for change	At line#4, <code>i+CLCC:..i</code> needs to be used in place of <code>iAT+CLCCi</code> for AT command return to check call is in Alerting state or not.
Summary of change	At line#4, replace <code>(tcv_Res := o_CheckStringStartWith (tcv_AT_Cmd , "<CR><LF>+CLCC:1,0,3"))</code> in place of <code>(tcv_Res := o_CheckStringStartWith (tcv_AT_Cmd , "<CR><LF>AT+CLCC:1,0,3"))</code>
Source of change	New change

Before:

3		Ut ? AT_CmdCnf (tcv_AT_Cmd := AT_CmdCnf.resu itString)	ca_AT_CmdCnfWithString	@sic VB ER1790 sic@
4		(tcv_Res := o_CheckStringStartWith (tcv_AT_Cmd ,"<CR><LF>AT+CLCC:1,0,3"))		
5	TSF	[tcv_Res]		(F)

After:

3		Ut ? AT_CmdCnf (tcv_AT_Cmd := AT_CmdCnf.result String)	ca_AT_CmdCnfWithString	@sic VB ER1790 sic@
4		(tcv_Res := o_CheckStringStartWith (tcv_AT_Cmd , " <CR><LF>+CLCC:1,0,3"))		
5	TSF	[tcv_Res]		(F)

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1126 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Correction in TTCN for execution of Opmode C UE.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 16/11/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# In test step ts_GMM_IdleUpdated , in case tcv_UE_OpMode is set to opModeC , localTree It_GMMOnly_IdleUpdated gets called. In this local tree, if pc_AutomaticAttachSwitchON is set to FALSE , then TTCN expects UE to send an Attach Request message even before establishing RRC Connection. This is incorrect, thus need to update TTCN to expect first RRC Connection Request and after connection establishment receive Attach Request.
Summary of change:	# Modified Local tree It_GMMOnly_TriggerAttach of test step ts_GMM_IdleUpdated to send AT Command for triggering Attach request from UE in case Auto attach is set to FALSE.
Consequences if not approved:	# Test case may fail a compliant OPMODE C UE.

Clauses affected:	# N.A.				
Other specs Affected:	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # <input type="checkbox"/>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications # <input type="checkbox"/>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications # <input type="checkbox"/>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other comments:	#				

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1:

Local Tree and Test step Local Tree **It_GMMOnly_TriggerAttach** of test step

ts_GMM_IdleUpdated

Reason for change In test step **ts_GMM_IdleUpdated**, in case **tcv_UE_OpMode** is set to **opModeC**, localTree **It_GMMOnly_IdleUpdated** gets called. In this local tree, if **pc_AutomaticAttachSwitchON** is set to **FALSE**, TTCN expects UE to send an Attach Request message even before establishing RRC Connection.

This is incorrect, thus need to update TTCN to expect first RRC Connection Request and after connection establishment receive Attach Request.

Summary of change Modified Local tree **It_GMMOnly_TriggerAttach** of test step **ts_GMM_IdleUpdated** to send only AT Command for triggering Attach request from UE in case Auto attach is set to FALSE.

Source of change New Change

TTCN before change:

It_GMMOnly_TriggerAttach				
0		[NOT pc_AutomaticAttachSwitchON]		
1		+ts_NAS_Delay(tsc_TWaitSysInfo)		Allow UE to decode Sys Infos
2		START t_WaitS (60)		
3		+ts_AT_TriggerGMM_Attach		Trigger UE to initiate GMM Attach after allowing the UE to decode Sys Infos
4		Dc ? RRC_DataInd (tcv_TmpAttachReqPDU := RRC_DataInd.msg, tcv_TmpB3:= tcv_TmpAttachReqPDU.attachType.type, tcv_Start := RRC_DataInd.start)CAN CEL t_WaitS	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3 , cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_lv, c_RAI_Any_v, ?))	ATTACH REQUEST - Extract Attach type requested
5		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)		
4		? TIMEOUT t_WaitS	F	
0		[TRUE]		Do nothing: UE will automatically attempt PS attach

TTCN after change:

It_GMMOnly_TriggerAttach				
0		[NOT pc_AutomaticAttachSwitchON]		
1		+ts_NAS_Delay(tsc_TWaitSysInfo)		Allow UE to decode Sys Infos
2		+ts_AT_TriggerGMM_Attach		Trigger UE to initiate GMM Attach after allowing the UE to decode Sys Infos
0		[TRUE]		Do nothing: UE will automatically attempt PS attach

CR-Form-v7
CHANGE REQUEST
34.123-3 CR 1127 # rev - # Current version: 3.7.0

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to RRC Package 4 TC 8.1.2.3		
Source:	# Nokia		
Work item code:	# N/A	Date:	# 16/11/2004
Category:	# F	Release:	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Detach handling when UE is in manual attach mode.
Summary of change:	# Corrections to test step +It_TestBody. TTCN requires detach handling for manual attach. New Localtree made. (It_DetachInManualAttach).
Consequences if not approved:	# Test case will fail a conformant UE.

Clauses affected:	# None				
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications #	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications #	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications #	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other comments:	#				

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Change 1.

- Test step name** Corrections to +lt_TestBody
- Reason for change** Detach handling when UE is in manual attach mode
- Summary of change** Added new localtree to handle detach in manual attach.

Added:

tc_8_1_2_3 [8_1_2_3.mp]						
Test Case Name|tc_8_1_2_3						
Hr	Label	Behaviour Description	Constraints Ref	Verdict	Comments	
16		+lt_DetachInManualAttach				
17		START t_WaitS (5)			step 5, certain amount of time sufficient for cell selection	
18	TBF3	TM ? OTHERWISE CANCEL t_WaitS		(F)		
19	TBP3	? TIMEOUT t_WaitS		(P)		
20		+lt_CatchAT_Command			@sic OG 19/08/04 ER1959 sic@	
21		+ts_C1_CheckIdleMode (tsc_CellA)			step 6	
		!t_Local1				
22		START t_LowerBound (1800)			@sic OG 19/08/04 ER1959 sic@	
23		? TIMEOUT t_LowerBound				
24	TBP2	TM ? RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.rrcConnectionRequest initialUE_Identity, tcv_K := tcv_K + 1)	car_RRC_ConnReq (tsc_CellA, tsc_RB0, cdr_RRC_ConnReqUE_Id (tcv_RRC_EstCauMO))	(P)		
25	TBF2	TM ? RLC_TR_DATA_IND	car_RRC_ConnReq (tsc_CellA, tsc_RB0, cdr_RRC_ConnReqUE_Id (*))	(F)		
26	TBF3	CANCEL t_LowerBound				
		!t_CatchAT_Command				
27		[tcv_CN_Domain = ps_domain]				
28		+ts_AT_ReceiveCmdCnfAny				
29		[TRUE]				
		!t_DetachInManualAttach				
30		[(tcv_CN_Domain = ps_domain) AND (pc_AutomaticAttachSwitchON = FALSE)]				
31		TM ? RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.rrcConnectionRequest.in	car_RRC_ConnReq (tsc_CellA, tsc_RB0, cbr_108_RRC_ConnReq (

Detailed Comments:

New Localtree definition:

		tt_DetachInManualAttach		
0		[(tcv_CN_Domain = ps_domain) AND (pc_AutomaticAttachSwitchON = FALSE)]		
1		TM ? RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tm_message.ul_CCCH_Message.message.rrcConnectionRequest.in itialUE_Identity)	car_RRC_ConnReq (tsc_CellA, tsc_RB0, cbr_108_RRC_ConnReq (detach))	
2		UMIRLC_UM_DATA_REQ	cas_RRC_ConnRej(tsc_CellA, tsc_RB0, cs_108_RRC_ConnRej(tcv_InitialUE_Id, tcv_RRC_Ti, unspecified, 0))	
3		(tcv_CN_Domain := cs_domain)		
0		[TRUE]		

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3 CR 1128 # rev - #	Current version: 3.7.0 #

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to RRC test cases 8.1.2.1 and 8.1.2.7	
Source:	# Nokia	
Work item code:	# N/A	Date: # 16/11/2004
Category:	# F	Release: # Rel-5
	Use <u>one</u> of the following categories:	Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)
	B (addition of feature),	R97 (Release 1997)
	C (functional modification of feature)	R98 (Release 1998)
	D (editorial modification)	R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-4 (Release 4)
		Rel-5 (Release 5)
		Rel-6 (Release 6)

Reason for change:	# Correction to SERVICE REJECT cause
Summary of change:	# Correction to test step +ts_NAS_ConnRejectMO, SERVICE REJECT cause is changed to 071 meaning GPRS services not allowed.
Consequences if not approved:	# TC will not be consistent with prose, and it may fail a conformant UE.

Clauses affected:	# None				
Other specs affected:	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # <input type="checkbox"/>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications # <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications # <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other comments:	# Affects R99, Rel4 and Rel5 UEs.				

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Change 1.

Test step name +ts_NAS_ConnRejectMO
Reason for change Correction to SERVICE REJECT cause
Summary of change REJECT cause is changed to 07. 'GPRS services not allowed'
 (rows 3.)

Before:

ts_NAS_ConnRejectMO in RRC_wk42 [RRC_wk42.mp]					
Test Step Name: ts_NAS_ConnRejectMO (p_CellId : INTEGER)					
Group: RRC_M_NAS_Steps/					
Objective: Allow NAS entity to send SERVICE REQUEST or CM SERVICE REQUEST but then reject it. This applies when the UE has been triggered for a Mobile Originated call establishment.					
Default: NAS_OtherwiseFail					
Comments:					
Description:					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[tcv_CN_Domain = ps_domain]			
2		Dc ? RRC_DataInd	car_PS_InitDirectTransfer (tsc_CellDedicated , tsc_RB3, cr_ServiceRequest (c_ServiceType_v(?), c_MobileIdAny_Iv, tcv_PS_KeySeq))		SERVICE REQUEST
3		Dc ! RRC_DataReq (tcv_ReceivePS_ServiceReq := TRUE)	ca_PS_DataReq(tsc_CellDedicated , tsc_RB3, cs_ServiceReject (tsc_RejCauCongestion))		SERVICE REJECT - reject cause = 'Congestion'
4		[tcv_CN_Domain = cs_domain]			
5		Dc ? RRC_DataInd	car_InitDirectTransfer (tsc_CellDedicated , tsc_RB3, cb_CM_ServReqAny (?))		Any CM SERVICE REQUEST
6		Dc ! RRC_DataReq	ca_DataReq(tsc_CellDedicated , tsc_RB3, c_CM_ServRej(tsc_RejCauCongestion))		CM SERVICE REJECT - reject cause = 'Congestion'
7		[TRUE]			

After:

ts_NAS_ConnRejectMO in RRC_wk42 [RRC_wk42.mp]					
Test Step Name	ts_NAS_ConnRejectMO (p_CellId: INTEGER)				
Group	RRC_M_NAS_Steps/				
Objective	Allow NAS entity to send SERVICE REQUEST or CM SERVICE REQUEST but then reject it. This applies when the UE has been triggered for a Mobile Originated call establishment.				
Default	NAS_OtherwiseFail				
Comments					
Description					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[tcv_CN_Domain = ps_domain]			
2		Dc ? RRC_DataInd	car_PS_InitDirectTransfer (tsc_CellDedicated , tsc_RB3, cr_ServiceRequest (c_ServiceType_v(?), c_MobileIdAny_lv, tcv_PS_KeySeq))		SERVICE REQUEST
3		Dc ! RRC_DataReq (tcv_ReceivePS_ServiceReq := TRUE)	ca_PS_DataReq(tsc_CellDedicated , tsc_RB3, cs_ServiceReject ('07'0))		SERVICE REJECT - reject cause = 'GPRS services not allowed'
4		[tcv_CN_Domain = cs_domain]			
5		Dc?RRC_DataInd	car_InitDirectTransfer (tsc_CellDedicated , tsc_RB3, cb_CM_ServReqAny (?))		Any CM SERVICE REQUEST
6		Dc!RRC_DataReq	ca_DataReq(tsc_CellDedicated , tsc_RB3, c_CM_ServRej(tsc_RejCauCongestion))		CM SERVICE REJECT - reject cause = 'Congestion'
7		[TRUE]			

CR-Form-v7
CHANGE REQUEST
34.123-3 CR 1130 # rev - # Current version: 3.7.0

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	#	Correction to RRC test cases 8.1.3.1, 8.1.3.3, 8.1.3.4 and 8.1.3.5
Source:	#	Nokia
Work item code:	#	N/A
	Date:	# 16/11/2004
Category:	#	F
		Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .
	Release:	# Rel-5
		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	#	Correction to SERVICE REJECT cause and Paging. Manual attach UE will make a Detach with SERVICE REJECT cause and therefore fails test case. After UE has detached only CS paging can be made.
Summary of change:	#	1) Correction to test step +ts_NAS_ServiceRejectMO, SERVICE REJECT cause is changed to 07i meaning GPRS services not allowed. 2) As UE is not then PS attached only CS paging can be made.
Consequences if not approved:	#	TC will fail a conformant UE.

Clauses affected:	#	None								
Other specs affected:	#	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X
Y	N									
#	X									
#	X									
#	X									
Other comments:	#									

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1.

Test step name +ts_NAS_ServiceRejectMO
Reason for change Correction to SERVICE REJECT cause
Summary of change REJECT cause is changed to 07. 'GPRS services not allowed'
 (row 2).

Before:

ts_NAS_ServiceRejectMO in RRC_wk42 [RRC_wk42.mp]					
Test Step Name	ts_NAS_ServiceRejectMO (p_CellId : INTEGER)				
Group	RRC_M_NAS_Steps/				
Objective	Send a SERVICE REJECT to UE.				
Default	NAS_OtherwiseFail				
Comments					
Description					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[tcv_CN_Domain = ps_domain]			
2		Dc ! RRC_DataReq (tcv_ReceivePS_ServiceReq := TRUE)	ca_PS_DataReq(tsc_CellDedicated , tsc_RB3, cs_ServiceReject (tsc_RejCauCongestion))		SERVICE REJECT - reject cause = 'Congestion'
3		[tcv_CN_Domain = cs_domain]			
4		Dc!RRC_DataReq	ca_DataReq(tsc_CellDedicated , tsc_RB3, c_CM_ServRej(tsc_RejCauCongestion))		CM SERVICE REJECT - reject cause = 'Congestion'
5		[TRUE]			

After:

ts_NAS_ServiceRejectMO in RRC_wk42 [RRC_wk42.mp]					
Test Step Name	ts_NAS_ServiceRejectMO (p_CellId : INTEGER)				
Group	RRC_M_NAS_Steps/				
Objective	Send a SERVICE REJECT to UE.				
Default	NAS_OtherwiseFail				
Comments					
Description					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[tcv_CN_Domain = ps_domain]			
2		Dc ! RRC_DataReq (tcv_ReceivePS_ServiceReq := TRUE)	ca_PS_DataReq(tsc_CellDedicated , tsc_RB3, cs_ServiceReject ('07'))		SERVICE REJECT - reject cause = 'GPRS services not allowed'
3		[tcv_CN_Domain = cs_domain]			

Change 2.

Test step name	+lt_TestBody
Reason for change	Correction to Paging
Summary of change	Add condition variable (tcv_CN_Domain := cs_domain) for making CS Paging. (to row 23 in test case 8.1.3.1, to row 21 in test case 8.1.3.3, to row 24 in test case 8.1.3.4, to row 19 in test case 8.1.3.5).

CHANGE REQUEST

34.123-3 CR 1131 # rev **-** # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to RRC Package 1 TC 8.1.2.9		
Source:	# Nokia		
Work item code:	# N/A	Date:	# 16/11/2004
Category:	# F	Release:	# Rel-5
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# To handle Detach Request initiated by a UE in manual attach mode. A UE in manual attach mode triggers a DETACH procedure as soon as it moves to RRC Idle state, which is not handled by current version of TTCN
Summary of change:	# Corrections to test step +It_TestBody. TTCN requires detach handling for manual attach. New Localtree made. (It_DetachAndReattachInManualAttach).
Consequences if not approved:	# TC will fail a conformant UE.

Clauses affected:	# None				
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # <input type="checkbox"/>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications # <input type="checkbox"/>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
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	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications # <input type="checkbox"/>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other comments:	#				

How to create CRs using this form:

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- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1.

Test step name Corrections to +lt_TestBody

Reason for change Detach handling when UE is in manual attach mode

Summary of change Added new localtree to handle detach and then perform re-attach when in manual attach mode

Added:

26		REPEAT lt_Local1 UNTIL [tcv_K > tsc_N300]			Step 2b, Step 2, K>0 to Step 3
27		+lt_DetachAndReattachInManualAttach			
28		START t_WaitS			
29	TBF1	TM?RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.rrcConnectionRequest.initialUE_Identity) CANCEL t_WaitS	car_RRC_ConnReq (tsc_CellA, tsc_RB0, cdr_RRC_ConnReqUE_Id (tcv_RRC_EstCauMO))	(F)	
30	TBP1	? TIMEOUT t_WaitS		(P)	Step 3a
31		(tcv_K := 0)			
32		+ ts_AT_InitConnection (tsc_CellA)			Step 3b
33		TM?RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.rrcConnectionRequest.initialUE_Identity)	car_RRC_ConnReq (tsc_CellA, tsc_RB0, cdr_RRC_ConnReqUE_Id (tcv_RRC_EstCauMO))		Step 3c
34		(tcv_K := tcv_K + 1)			Step 3d, K=1
35		REPEAT lt_Local2 UNTIL [tcv_K > tsc_N300]			Step 3c, K>0 to Step 4
36		UMIRLC_UM_DATA_REQ	cas_RRC_ConnSetup(tsc_CellA, tsc_RB0, cbs_108_RRC_ConnSetupDCH(tcv_InitialUE_Id, tcv_RRC_Ti, tcv_CellInfoA.priScrmCode, tcv_CellInfoA.uRNTI, tcv_CellInfoA.uL_ScramblingCode))		SS send RRC Connection Set Up Step 6
37	A)	+ ts_RRC_ReceiveConnSetupCmpl (tsc_CellA)			Step 7- 8
38		+ ts_NAS_ConnRejectMO (tsc_CellA)			
39		(tcv_CellInfoA.cellConfig := cell_DCH_StandAloneSRB)			

New Localtree definition:

It_DetachAndReattachInManualAttach			
46		[(tcv_CN_Domain = ps_domain) AND (pc_AutomaticAttachSwitchON = FALSE)]	
47	TBF1	TM?RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.rrcConnectionRequest.initialUE_Identity) CANCEL t_WaitS	car_RRC_ConnReq (tsc_CellA, tsc_RB0, cdr_RRC_ConnReqUE_Id (tcv_RRC_EstCauMO))
48		TM ? RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.rrcConnectionRequest.initialUE_Identity)	car_RRC_ConnReq (tsc_CellA, tsc_RB0, cbr_108_RRC_ConnReq (detach))
49		UMIRLC_UM_DATA_REQ	cas_RRC_ConnRej(tsc_CellA, tsc_RB0, cs_108_RRC_ConnRej (tcv_InitialUE_Id, tcv_RRC_Ti, unspecified, 0))
50		START t_WaitS (5)	Wait for UE to implicitly Detach itself upon REJECT
51	TBF3	TM ? OTHERWISE CANCEL t_WaitS	(F)
52	TBP3	? TIMEOUT t_WaitS	(P)
53		+ts_AT_TriggerGMM_Attach	trigger UE to initiate GMM Attach after allowing the UE to decode Sys Infos
54		+ts_RRC_ConnEst(tsc_CellA, est_Reg, registration)	
55		Dc ? RRC_DataInd (tcv_TmpAttachReqPDU := RRC_DataInd.msg, tcv_TmpB3:= tcv_TmpAttachReqPDU.attachType.type, tcv_Start := RRC_DataInd.start)CANCEL t_WaitS	car_PS_InitDirectTransfer (tsc_CellDedicated , tsc_RB3, cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_Iv, c_RAI_Any_v, ?))
56		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)	
57		+ts_GMM_Authentication (tsc_CellA)	AUTHENTICATION AND CIPHERING REQUEST AUTHENTICATION AND CIPHERING RESPONSE
58		+It_SecurityMode	SECURITY MODE COMMAND SECURITY MODE COMPLETE
59		+It_AttachAccept	ATTACH ACCEPT ATTACH COMPLETE
60		+It_RRC_ConnRel	RRC connection release
61		? TIMEOUT t_WaitS	F IF UE doesent respond to Attach triggered Fail the UE.
62		[TRUE]	
It_SecurityMode			
63		+ ts_RRC_Security (tsc_CellA, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, TRUE, ps_domain)	SECURITY MODE COMMAND SECURITY MODE COMPLETE
It_AttachAccept			
64		[(tcv_UE_OpMode = opModeA) AND (tcv_TmpCellInfo.nmo = tsc_NMO_I)]	if UE is mode A and NMO II
65		(tcv_AssignedTMSI := px_TMSI_Def, tcv_AssignedPTMSI := px_PTMSI_Def, tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)	Use default values
66		[tcv_Use_E_PLMN = FALSE]	

67	Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAcc(c_GMM_AttachResult('011'B), c_RAI_v(tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac), c_PTMSI_Signature (tcv_Assigned_PTMSI_Sig), c_MobileIDPTMSI (tcv_AssignedPTMSI), c_GMM_MobileIDTMSI (tcv_AssignedTMSI)))	ATTACH ACCEPT for combined C S/PS - Attach result 'GPRS/IMSI attached' - RAI default - P-TMSI signature - MobileID P-TMSI - default TMSI
68	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)	ATTACH COMPLETE
69	[TRUE]		[tcv_Use_E_PLMN = TRUE]
70	Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAccE_PLMN(c_GMM_AttachResult('011'B), c_RAI_v(tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac), c_PTMSI_Signature (tcv_Assigned_PTMSI_Sig), c_MobileIDPTMSI (tcv_AssignedPTMSI), c_GMM_MobileIDTMSI (tcv_AssignedTMSI), tcv_E_PLMN))	ATTACH ACCEPT for combined C S/PS - Attach result 'GPRS/IMSI attached' - RAI default - P-TMSI signature - MobileID P-TMSI - default TMSI - equivalent PLMN list
71	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)	ATTACH COMPLETE
72	[TRUE]		If mode is C or if NMO is II
73	(tcv_AssignedPTMSI := px_PTMSI_Def, tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)		Use default values
74	[tcv_Use_E_PLMN = FALSE]		
75	Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAcc(c_GMM_AttachResult('001'B), c_RAI_v(tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac), c_PTMSI_Signature (tcv_Assigned_PTMSI_Sig), c_MobileIDPTMSI (tcv_AssignedPTMSI), -))	ATTACH ACCEPT for PS only - Attach result 'GPRS attached' - RAI default (RAI-1) - P-TMSI-1 signature - MobileID P-TMSI-1 - omit TMSI
76	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)	ATTACH COMPLETE
77	[TRUE]		[tcv_Use_E_PLMN = TRUE]
78	Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAccE_PLMN(c_GMM_AttachResult('001'B), c_RAI_v(tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac), c_PTMSI_Signature (tcv_Assigned_PTMSI_Sig), c_MobileIDPTMSI (tcv_AssignedPTMSI), -, tcv_E_PLMN))	ATTACH ACCEPT for PS only - Attach result 'GPRS attached' - RAI default (RAI-1) - P-TMSI-1 signature - MobileID P-TMSI-1 - omit TMSI - equivalent PLMN list
79	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)	ATTACH COMPLETE

It_RRC_ConnRel			
80	[(tcv_TmpCellInfo.cellConfig = cell_FACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAloneP CH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH)OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_C nfig1) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_C nfig2)OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_3_FACH_C TCH)]		
81	+ts_RRC_ConnRel (tsc_CellA, cell_Fach_Dch)		
82	[tcv_TmpCellInfo.cellConfig => cell_FACH]		
83	+ts_RRC_ConnRel (tsc_CellA, cell_Dch)		
84	[TRUE]		

CHANGE REQUEST

34.123-3 CR 1132 # rev **-** # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to Package 2 RRC test case 8.3.1.4		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 15/11/2004
Category:	# F	Release:	# R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> Ph2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6) Rel-7 (Release 7)

Reason for change:	# When UE sends "Utran mobility info complete" SS brings down the cell as soon as it receives this message. As a result UE fails to get L2 ack for this message and this SDU stays in RLC re-transmission buffer.
Summary of change:	# Added a delay of 300 ms timer (approximately 2 times round trip delay) after reception of UTRAN Mobility Information Confirm and before applying the downlink transmission power settings.
Consequences if not approved:	# A conformant UE will fail the test case.

Clauses affected:	# N/A						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> Test specifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	#			
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	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> O&M Specifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	#			
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Other comments: # IWD RRC wk42 ATS is used as reference for TTCN changes.

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

tc_8_1_3_4 (WA#RRC4580)

Variable name tc_8_3_1_4 : It_TestBody

Reason for change When UE sends "Utran mobility info complete" SS brings down the cell as soon as it receives this message. As a result UE fails to get L2 ack for this message and this SDU stays in RLC re-transmission buffer. Later there is another "cell update" with cause "cell reselection". SS responds with "cell update confirm" and asks UE to go to CELL_PCH. UE can not enter CELL_PCH state since PDU for "Utran mobility info complete" is still in RLC re-transmission buffer. As a result UE sends "cell update" with cause "uplink data transmission". SS needs to add a delay of 300 ms after receiving "Utran mobility info complete" so that UE gets L2 ack for this PDU.

Summary of change Added a delay of 300 ms timer (approximately 2 times round trip delay) after reception of UTRAN Mobility Information Confirm and before applying the downlink transmission power settings.

Source of change New Change

Label WA#RRC4580

23		AM ! RLC_AM_DATA_REQ	cas_RRC_UtranMobilityInfo(tsc_CellDedicated, tsc_RB2, cds_UTRAN_MobilityInfoInfinityTimer (tcv_RRC_TI, tcv_CellIndInfo.dl_IntegrityCheckInfo, OMIT, OMIT))		Step 4 . SS sends UTRAN MOBILITY INFORMATION message to Set t-305 to Infinity
24		START t_WaitS			
25	TBF2	? TIMEOUT t_WaitS		(F)	
26	TBP3	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(P)	Step 5 @sic OG 26/05/04 T1-040510 sic@ @sic OG 27/05/04 T1S04032 2 sic@
27		+ts_RRC_Delay(300)			WA#RRC4580
28		+ts_SS_SwitchCellPowerLevels (tsc_CellA, tsc_CellB)			Step 6
29	TBP4	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CellB, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, cellReselection) (tsc_MaxCampingTime * 1000))			Step 7 . UE send CELL UPDATE message with "cell reselection" is included in IE "Cell update cause"

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1133 rev - Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	Correction to Package 3 RRC inter-RAT measurement test cases 8.4.1.31 + 8.4.1.33 + 8.4.1.34 + 8.4.1.35 + 8.4.1.36 + 8.4.1.40		
Source:	NOKIA		
Work item code:	N/A	Date:	11/11/04
Category:	F	Release:	R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	The UE could select a GSM cell at the start of the test as these cells are set up at a suitable level for camping ñ see T1-040779 for previous test cases requiring this change
Summary of change:	GSM cells off at start of test, until UE is idle updated on UTRAN cell. (e.g. 8..3.7.4 is done in the same way as this)
Consequences if not approved:	Test case may fail a conformant UE.

Clauses affected:	None										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td>Y</td> <td>N</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications Test specifications O&M Specifications	
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Other comments:											

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downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test Step	tc_8_4_1_31
Reason for change	UE may select GSM cell
Summary of change	Switch on GSM cells after idle updated on UTRAN cell
Source of change	New change

Before:

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT=fdd]			FDD specific behaviour
3		+It_InitVariables			
4		+ts_SS_CreateCellDCH(tsc_CellA)			Configure lower test er for cell A
5		+ts_SendDef_sysInfo_MultiCell (tsc_CellA)			Sends the default system information in CellA
6		+ts_CreateCell_GSM(tsc_GSM_CellA)			
7	I	(tcv_SI2quaterRO := c_SI2quaterRO('1'B, c_SI2quater_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quaterMeasParams3G_Meas(tsc_G_QSearch_I, '1000'B, '000'B), '0'B, OMIT))			@sic Thomas ER18 01 sic@
8		+ts_SendGSMSystemInfo(tsc_GSM_CellA, tsc_PhyCh0, gsmOnly, bcch, si2quater)			@sic Thomas ER18 01 sic@
9		+ts_CreateCell_GSM(tsc_GSM_CellB)			
10		+ts_SendGSMSystemInfo(tsc_GSM_CellB, tsc_PhyCh0, gsmOnly, bcch, si2quater)			@sic Thomas ER18 01 sic@
11		+ts_IdleUpdated (tsc_CellA)			Idle Update and bring UE to cell_Dch state and release the connection again
12		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)			
13		+It_TestBody			
14		+po_ConnectionAndSS Rels			To release all the configured but not rele

After:

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT=fdd]			FDD specific behaviour
3		+lt_InitVariables			
4		+ts_SS_CreateCellDCH(tsc_CellA)			Configure lower tester for cell A
5		+ts_SendDef_sysInfo_MultiCell (tsc_CellA)			Sends the default system information in CellA;
6		+ts_IdleUpdated (tsc_CellA)			Idle Update and bring UE to cell_Dch state and release the connection again
7		+ts_CreateCell_GSM(tsc_GSM_CellA)			
8		(tcv_SI2quarterRO := c_SI2quarterRO('1'B, c_SI2quarter_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quarterMeasParams3G_Meas(tsc_G_QSearch_I,'1000'B, '000'B), '0'B, OMIT))			@sic Thomas ER1801 sic@
9		+ts_SendGSMSystemInfo(tsc_GSM_CellA,tsc_PhyCh0,gsmonly,bcch,si2quarter)			@sic Thomas ER1801 sic@
10		+ts_CreateCell_GSM(tsc_GSM_CellB)			
11		+ts_SendGSMSystemInfo(tsc_GSM_CellB,tsc_PhyCh0,gsmonly,bcch,si2quarter)			@sic Thomas ER1801 sic@
12		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)			
13		+lt_TestBody			
14		+po_ConnectionAndSS_Rels			To release all the configured but not released cells
14		+lt_PO_G_SS_Release			To release all the configured but not released GSM cells
1	ERR1	[px_RAT=tdt]			TDD specific behaviour

1.11.2 Change 2

Test Step	tc_8_4_1_33
Reason for change	UE may select GSM cell
Summary of change	Switch on GSM cells after idle updated on UTRAN cell
Source of change	New change

Before:

3	+It_InitVariables		
4	+ts_SS_CreateCellDCH(tsc_CellA)		Configure lower test er for cell B
5	+ts_SendDef_sysinfo_MultiCell (tsc_CellA)		Sends the default system information in CellB
6	+ts_CreateCell_GSM(tsc_GSM_CellA)		
7	(tcv_SI2quarterRO := c_SI2quarterRO('1'B, c_SI2quarter_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quarterMeasParams3G_Meas(tsc_G_QSearch_I,'1000'B,'000'B), '0'B, OMIT))		@sic Thomas ER1801 sic@
8	+ts_SendGSMSystemInfo(tsc_GSM_CellA,tsc_PhyCh0,gsmonly,bcch,si2quarter)		@sic Thomas ER1801 sic@
9	+ts_CreateCell_GSM(tsc_GSM_CellB)		
10	+ts_SendGSMSystemInfo(tsc_GSM_CellB,tsc_PhyCh0,gsmonly,bcch,si2quarter)		@sic Thomas ER1801 sic@
11	+ts_CreateCell_GSM(tsc_GSM_CellC)		
12	+ts_SendDefSysInfoGSM_With2SI2ter(tsc_GSM_CellC,tsc_PhyCh0,INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL,14),tsc_G_QSearch_I,'1000'B,'000'B)		
13	+ts_IdleUpdated (tsc_CellA)		Idle Update and bring UE to cell_Dch state and release the connection again
14	+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		
15	+It_TestBody		
16	+po_ConnectionAndSS Relc		To release all the configured but not rele

After:

3		+lt_InitVariables		
4		+ts_SS_CreateCellDCH(tsc_CellA)		Configure lower tester for cell B
5		+ts_SendDef_sysInfo_MultiCell (tsc_CellA)		Sends the default system information in CellB
6		+ts_IdleUpdated (tsc_CellA)		Idle Update and bring UE to cell_Dch state and release the connection again
7		+ts_CreateCell_GSM(tsc_GSM_CellA)		
8		(tcv_SI2quaterRO := c_SI2quaterRO('1'B, c_SI2quater_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quaterMeasParams3G_Meas(tsc_G_QSearch_I,'1000'B,'000'B), '0'B, OMIT))	I	@sic Thomas ER1801 sic@
9		+ts_SendGSMSystemInfo(tsc_GSM_CellA,tsc_PhyCh0,gsmonly,bcch,si2quater)		@sic Thomas ER1801 sic@
10		+ts_CreateCell_GSM(tsc_GSM_CellB)		
11		+ts_SendGSMSystemInfo(tsc_GSM_CellB,tsc_PhyCh0,gsmonly,bcch,si2quater)		@sic Thomas ER1801 sic@
12		+ts_CreateCell_GSM(tsc_GSM_CellC)		
13		+ts_SendDefSysInfoGSM_With2SI2ter(tsc_GSM_CellC,tsc_PhyCh0,INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL,14),tsc_G_QSearch_I,'1000'B,'000'B)		
14		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		
15		+lt_TestBody		
16		+po_ConnectionAndSS_Rels		To release all the configured but not released cells

Change 3

Test Step	tc_8_4_1_34
Reason for change	UE may select GSM cell
Summary of change	Switch on GSM cells after idle updated on UTRAN cell
Source of change	New change

Before:

3	+It_InitVariables		
4	+ts_SS_CreateCellDCH(tsc_CellA)		Configure lower tester for cell B
5	+ts_SendDef_sysinfo_MultiCell (tsc_CellA)		Sends the default system information in Cell B
6	+ts_CreateCell_GSM(tsc_GSM_CellA)		
7	(tcv_Sl2quaterRO = c_Sl2quaterRO('1'B, c_Sl2quater_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_Sl2quaterMeasParams30_Meas(tsc_G_QSearch_I,'1000'B,'000'B), '0'B, OMIT))		@sic Thomas ER1801 sic@
8	+ts_SendGSMSystemInfo(tsc_GSM_CellA,tsc_PhyCh0,gsmonly,bcch,si2quater)		@sic Thomas ER1801 sic@
9	+ts_CreateCell_GSM(tsc_GSM_CellB)		
10	+ts_SendGSMSystemInfo(tsc_GSM_CellB,tsc_PhyCh0,gsmonly,bcch,si2quater)		@sic Thomas ER1801 sic@
11	+ts_CreateCell_GSM(tsc_GSM_CellC)		
12	+ts_SendGSMSystemInfo(tsc_GSM_CellC,tsc_PhyCh0,gsmonly,bcch,si2quater)	I	@sic Thomas ER1801 sic@
13	+ts_IdleUpdated (tsc_CellA)		Idle Update and bring UE to cell_Dch state and release the connection again
14	+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		
15	+It_TestBody		
16	+po_ConnectionAndSS_Rels		To release all the configured but not released cells

After:

3		+It_InitVariables		
4		+ts_SS_CreateCellDCH(tsc_CellA)		Configure lower test er for cell B
5		+ts_SendDef_sysInfo_MultiCell (tsc_CellA)		Sends the default system information in CellB
6		+ts_IdleUpdated (tsc_CellA)		Idle Update and bring UE to cell_Dch state and release the connection again
7		+ts_CreateCell_GSM(tsc_GSM_CellA)		
8		(tcv_SI2quaterRO := c_SI2quaterRO('1'B, c_SI2quater_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo, modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quaterMeasParams3G_Meas(tsc_G_QSearch_I,'1000'B, '000'B), '0'B, OMIT))		@sic Thomas ER18 01 sic@
9		+ts_SendGSMSystemInfo(tsc_GSM_CellA,tsc_PhyCh0,gsmonly,bcch,si2quater)		@sic Thomas ER18 01 sic@
10		+ts_CreateCell_GSM(tsc_GSM_CellB)		
11		+ts_SendGSMSystemInfo(tsc_GSM_CellB,tsc_PhyCh0,gsmonly,bcch,si2quater)		@sic Thomas ER18 01 sic@
12		+ts_CreateCell_GSM(tsc_GSM_CellC)		I
13		+ts_SendGSMSystemInfo(tsc_GSM_CellC,tsc_PhyCh0,gsmonly,bcch,si2quater)		@sic Thomas ER18 01 sic@
14		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		
15		+It_TestBody		
16		+po_ConnectionAndSS_Rels		To release all the configured but not released cells

1.1.3 Change 4

Test Step	tc_8_4_1_35
Reason for change	UE may select GSM cell
Summary of change	Switch on GSM cells after idle updated on UTRAN cell
Source of change	New change

Before:

3		+lt_InitVariables		
4		+ts_S8_CreateCellDCH(tsc_CellA)		Configure lower tester for cell B
5		+ts_SendDef_sysInfo_Multicell (tsc_CellA)		Sends the default system information in CellB
6		+ts_CreateCell_GSM(tsc_GSM_CellA)		
7		(tcv_SI2quaterRO = c_SI2quaterRO('1'B, c_SI2quater_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quaterMeasParams3G_Meas(tsc_G_QSearch_1, '1000'B, '000'B), '0'B, OMIT))		@sic Thomas ER1801 sic@
8		+ts_SendGSMSystemInfo(tsc_GSM_CellA, tsc_PhyCh0, gsmOnly, bcch, si2quater)		@sic Thomas ER1801 sic@
9		+ts_CreateCell_GSM(tsc_GSM_CellB)		
10		+ts_SendGSMSystemInfo(tsc_GSM_CellB, tsc_PhyCh0, gsmOnly, bcch, si2quater)		@sic Thomas ER1801 sic@
11		+ts_IdleUpdated (tsc_CellA)		Idle Update and bring UE to cell_Dch state and release the connection again
12		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		
13		+lt_TestBody		
14		+po_ConnectionAndSS_Rels		To release all the configured but not released cells

After:

3		+lt_InitVariables		
4		+ts_SS_CreateCellDCH(tsc_CellA)		Configure lower tester for cell B
5		+ts_SendDef_sysInfo_MultiCell (tsc_CellA)		Sends the default system information in CellB
6		+ts_IdleUpdated (tsc_CellA)		Idle Update and bring UE to cell_Dch state and release the connection again
7		+ts_CreateCell_GSM(tsc_GSM_CellA)		
8		(tcv_SI2quarterRO = c_SI2quarterRO('1'B, c_SI2quarter_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quarterMeasParams3G_Meas(tsc_G_QSearch_1,'1000'B, '000'B), '0'B, OMIT))		@sic Thomas ER1801 sic@
9		+ts_SendGSMSysInfo(tsc_GSM_CellA,tsc_PhyCh0,gsmonly,bcch,si2quarter)		@sic Thomas ER1801 sic@
10		+ts_CreateCell_GSM(tsc_GSM_CellB)		
11		+ts_SendGSMSysInfo(tsc_GSM_CellB,tsc_PhyCh0,gsmonly,bcch,si2quarter)		@sic Thomas ER1801 sic@
12		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		
13		+lt_TestBody		
14		+po_ConnectionAndSS_Rels		To release all the configured but not released cells

1.11.4 Change 5

Test Step	tc_8_4_1_36
Reason for change	UE may select GSM cell
Summary of change	Switch on GSM cells after idle updated on UTRAN cell
Source of change	New change

Before:

3		+It_InitVariables		
4		+ts_SS_CreateCellDCH(tsc_CellA)		Configure lower tester for cell B
5		+ts_SendDef_sysInfo_MultiCell (tsc_CellA)		Sends the default system information in CellB
6		+ts_CreateCell_GSM(tsc_GSM_CellA)		
7		(tcv_SI2quaterRO := c_SI2quaterRO('1'B, c_SI2quater_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quaterMeasParams3G_Meas(tsc_G_QSearch_1,'1000'B, '000'B), '0'B, OMIT))		@sic Thomas ER1801 sic@
8		+ts_SendGSMSystemInfo(tsc_GSM_CellA,tsc_PhyCh0,gsmonly,bcch,si2quater)		@sic Thomas ER1801 sic@
9		+ts_CreateCell_GSM(tsc_GSM_CellB)		
10		+ts_SendGSMSystemInfo(tsc_GSM_CellB,tsc_PhyCh0,gsmonly,bcch,si2quater)		@sic Thomas ER1801 sic@
11		+ts_IdleUpdated (tsc_CellA)		Idle Update and bring UE to cell_Dch state and release the connection again
12		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		
13		+It_TestBody		
14		+po_ConnectionAndSS Rels		To release all the configured but not rele

After:

3		+lt_InitVariables		
4		+ts_SS_CreateCellDCH(tsc_CellA)		Configure lower tester for cell B
5		+ts_SendDef_sysInfo_MultiCell (tsc_CellA)		Sends the default system information in CellB
6		+ts_IdleUpdated (tsc_CellA)		Idle Update and bring UE to cell_Dch state and release the connection again
7		+ts_CreateCell_GSM(tsc_GSM_CellA)		
8		(tcv_SI2quarterRO := c_SI2quarterRO('1'B, c_SI2quarter_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quarterMeasParams3G_Meas(tsc_G_QSearch_I,'1000'B,'000'B), '0'B, OMIT))		@sic Thomas ER1801 sic@
9		+ts_SendOSMSysInfo(tsc_GSM_CellA,tsc_PhyCh0,gsmonly,bcch,si2quarter)		@sic Thomas ER1801 sic@
10		+ts_CreateCell_GSM(tsc_GSM_CellB)		
11		+ts_SendOSMSysInfo(tsc_GSM_CellB,tsc_PhyCh0,gsmonly,bcch,si2quarter)		@sic Thomas ER1801 sic@
12		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		
13		+lt_TestBody		
14		+po_ConnectionAndSS_Rels		To release all the configured but not released cells

1.11.5 Change 6

Test Step	tc_8_4_1_40
Reason for change	UE may select GSM cell
Summary of change	Switch on GSM cells after idle updated on UTRAN cell
Source of change	New change

Before:

3	+It_InitVariables			
4	+ts_SS_CreateCellDCH(tsc_CellA)			Configure lower tester for cell B
5	+ts_SendDef_sysInfo_MultiCell (tsc_CellA)			Sends the default system information in CellB
6	+ts_CreateCell_GSM(tsc_GSM_CellA)			
7	(tcv_SI2quaterRO := c_SI2quaterRO('1'B, c_SI2quater_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.uarfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quaterMeasParams3G_Meas(tsc_G_QSearch_I,'1000'B,'000'B,'0'B, OMIT))			@sic Thomas ER1801 sic@
8	+ts_SendGSMSystemInfo(tsc_GSM_CellA,tsc_PhyCh0,gsmonly,bcch,si2quater)			@sic Thomas ER1801 sic@
9	+ts_CreateCell_GSM(tsc_GSM_CellB)			
10	+ts_SendGSMSystemInfo(tsc_GSM_CellB,tsc_PhyCh0,gsmonly,bcch,si2quater)			@sic Thomas ER1801 sic@
11	+ts_IdleUpdated (tsc_CellA)			Idle Update and bring UE to cell_Dch state and release the connection again
12	+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		I	
13	+It_TestBody			
14	+po_ConnectionAndSS_Rels			To release all the configured but not released cells

After:

3		+lt_InitVariables		
4		+ts_SS_CreateCellDCH(tsc_CellA)		Configure lower tester for cell B
5		+ts_SendDef_sysinfo_MultiCell (tsc_CellA)		Sends the default system information in CellB
6		+ts_IdleUpdated (tsc_CellA)		Idle Update and bring UE to cell_Dch state and release the connection again
7		+ts_CreateCell_GSM(tsc_GSM_CellA)		
8		(tcv_SI2quarterRO := c_SI2quarterRO('1'B, c_SI2quarter_3G_1NCell(INT_TO_BIT(tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd.earfcn_DL, 14), INT_TO_BIT(tcv_CellInfoA.priScrmCode, 10)), '1'B, c_SI2quarterMeasParams3G_Meas(tsc_G_QSearch_I,'1000'B,'000'B,'0'B, OMIT))		@sic Thomas ER1801 sic@
9		+ts_SendGSMSysInfo(tsc_GSM_CellA,tsc_PhyCh0,gsmonly,bcch,si2quarter)		@sic Thomas ER1801 sic@
10		+ts_CreateCell_GSM(tsc_GSM_CellB)		
11		+ts_SendGSMSysInfo(tsc_GSM_CellB,tsc_PhyCh0,gsmonly,bcch,si2quarter)		@sic Thomas ER1801 sic@
12		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		
13		+lt_TestBody		
14		+po_ConnectionAndSS_Rels		To release all the configured but not released cells

CHANGE REQUEST

№ **34.123-3 CR 1134** № rev **-** № Current version: **3.7.0** №

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the № symbols.

Proposed change affects: UICC apps № ME Radio Access Network Core Network

Title:	№ Correction to approved NAS test case 12.9.4		
Source:	№ Nokia		
Work item code:	№ TEI	Date:	№ 11/11/2004
Category:	№ F	Release:	№ R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	№ Correction to SERVICE REJECT cause
Summary of change:	№ Correction to test step It_ServiceRequest_Steps30to34: SERVICE REJECT cause is changed to 07i meaning GPRS services not allowed.
Consequences if not approved:	№ TC will not be consistent with prose, and it might fail a conformant UE.

Clauses affected:	№ tc_12_9_4						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	№	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
Other comments:	№ Affects R99, Rel4 and Rel5 UEs.						

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked № contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1.

Test step name It_ServiceRequest_Steps30to34

Reason for change Correction to SERVICE REJECT cause, it is not consistent with prose.

Summary of change Row 74: SERVICE REJECT cause is changed to 07. "GPRS services not allowed"

Before:

		It_ServiceRequest_Steps30to34		
71		+ts_RRC_ConnEst(tsc_CellA, est_MO, ?)		
72		Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)	ca_PS_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_ServiceRequest(c_ServiceTypeSignalling, c_MobileIdPTMSI_lv (tcv_AssignedPTMSI), tcv_PS_KeySeq))	Step 30. SERVICE REQUEST - Service type is 'signalling' - Mobile Id is current P-TMSI
73		+ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)		
74		Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_ServiceReject (tsc_GMM_PS_ServNot))	Step 31. SERVICE REJECT - reject cause = 'GPRS services and non-GPRS services not allowed' @sic EW T1-040394 sic@ @sic VB T1_041066 sic@
75		+ts_RRC_ConnRel(tsc_CellA, cell_Dch)		
76		+ts_AT_ReceiveCmdCnfAny		@sic VB T1s-040521 sic@
		It_SetModeA_IfSupp		
77		[(tcv_UE_OpMode = opModeC) AND pc_SupportOpModeA]		
78		+ts_SS_SwitchCellOff (tsc_CellA)		
79		+ts_GMM_SetOpModeA_UE_Off		

After:

	tt_ServiceRequest_Steps30To34		
71	+ts_RRC_ConnEst(tsc_CellA, est_MO, ?)		
72	Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)	ca_PS_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_ServiceRequest(c_ServiceTypeSignalling, c_MobileIdPTMSI_lv (tcv_AssignedPTMSI), tcv_PS_KeySeq))	Step 30. SERVICE REQUEST - Service type is 'signalling' - Mobile Id is current P-TMSI
73	+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)		
74	Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_ServiceReject ('07'0))	Step 31. SERVICE REJECT - reject cause = 'GPRS services not allowed'
75	+ts_RRC_ConnRel(tsc_CellA, cell_Dch)		
76	+ ts_AT_ReceiveCmdCnfAny		@sic VB T1s-040521 sic@
	tt_SetModeA_IfSupp		
77	[(tcv_UE_OpMode = opModeC) AND pc_SupportOpModeA]		
78	+ ts_SS_SwitchCellOff (tsc_CellA)		
79	+ ts_GMM_SetOpModeA_UE_Off		

CHANGE REQUEST

34.123-3 CR 1135 # rev - # Current version: 3.7.0

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to Approved RRC Package 2 TC 8.3.7.2				
Source:	# Ericsson				
Work item code:	# TEI	Date:	# 10/11/2004		
Category:	# F	Release:	# Rel-5		
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:		
	F (correction)		2	(GSM Phase 2)	
	A (corresponds to a correction in an earlier release)		R96	(Release 1996)	
	B (addition of feature),		R97	(Release 1997)	
	C (functional modification of feature)		R98	(Release 1998)	
	D (editorial modification)		R99	(Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4	(Release 4)	
			Rel-5	(Release 5)	
			Rel-6	(Release 6)	

Reason for change:	# The current setting of 'Intermediate Rate' in octet 6b of the Bearer Capability information element will not allow V110 or 31khz configurations to run. The only configuration that seems to be correctly configured is V120_9600 which contradicts with the purpose of the TC, running 14.4 and higher. The correct value of Intermediate Rate should be B1111 at least in cs_BcapMT_AsynchNT and cs_BcapMT_7_AsynchNT. The current value B1001 is a reserved value and should not be accepted by the UE (acc to 24.008 10.5.4.5). The spec does indicate that this is a GSM parameter but there is no reason to interpret the spec in a way that allows the UE to accept parameters in WCDMA that are reserved in GSM, especially not a Dual mode UE and especially not in a TC with the purpose to switch RAT to GSM.
Summary of change:	# Change Intermediate Rate to B1111 in all Bearer Capability constraints.
Consequences if not approved:	# If the assumptions are correct it should not be possible to run 8.3.7.2 at other speeds than 9600 V120 which is not the TC purpose.

Clauses affected:	# tc_8_3_7_2												
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> <td></td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> <td>Other core specifications</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> <td>Test specifications</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> <td>O&M Specifications</td> </tr> </table>	Y	N		#	#	Other core specifications	#	#	Test specifications	#	#	O&M Specifications
Y	N												
#	#	Other core specifications											
#	#	Test specifications											
#	#	O&M Specifications											
Other comments:	# Affects R99, Rel4 and Rel5 UEs.												

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Before:

Structured Type Constraint Declaration			
Constraint Name:	cs_BcapMT_AsyncNT (p_ltc:B3; p_RA : B2 ; p_Sacp : B3; p_NumStopBits, p_NumDataBits : B1 ; p_Parity : B3 ; p_ModemType : B5 ; p_OtherModemType : B2)		
Group:			
Type Name:	Bcap		
Derivation Path:			
Encoding Variation:			
Comments:	<p>Base Bearer capability with an Asynchronous mode and Non transparent conection element and containing octets 3, 4, 5 , 6, 6a, 6b, 6c, and 6d.</p> <p>The BCAP is a highly structured information element with 69 fields and the intention is to make the constraint re-usable, so the key fields of the BCAP shall be parametrised. This implies that more than 5 parameters are used for the BCAP constraints.</p>		
Element Name	Element Value	Type Encoding	Comments
iei	'00000100'B		
iel	'08'O		
extBit3	'1'B		no extension
radioChRequi	'01'B		spare bits for n-> ue
codingStd	'0'B		GSM
transferMode	'0'B		transfer mode octet 3
itc	p_ltc		
bcap3aEtc1	-		
bcap3aEtc2	-		
bcap3aEtc3	-		
bcap3aEtc4	-		
bcap3aEtc5	-		
bcap3aEtc6	-		
extBit4	'1'B		no extension
compress	px_BcapDataCompression		

structure	'00'B		SDU Integrity
duplexMode	'1'B		Full duplex mode
cfg	'0'B		configuration: point-to-point
nirr	'0'B		negotiation of intermediate rate: no meaning
establish	'0'B		demand
extBit5	'1'B		no extension
accessId	'00'B		
rateAdapt	p_RA		
sacp	p_Sacp		1.440/1.450
extBit5a	-		
OtherIrc	-		
OtherRateAdapt	-		
spare3	-		
extBit5b	-		
rateAdaptHeader	-		
multiFrame	-		
mode	-		
logLinkId	-		
assignorAssignee	-		
inBandOutBand	-		
spare1	-		
extBit6	'0'B		extension
layer1Id	'01'B		Default
userInfoLayer1	'0000'B		
syncAsync	'1'B		Asynchronous
extBit6a	'0'B		extension bit, octet 6a
numStopBits	p_NumStopBits		
nego	'0'B		Not possible
numDataBits	p_NumDataBits		
userRate	'0101'B		9.6 kbps @sic Rash ER1396 sic@
extBit6b	'0'B		extension
intermRate	'00'B		spare

nicTx	'0'B		spare
nicRx	'0'B		spare
parity	p_Parity		
extBit6c	'0'B		extension
connectElem	'01'B		Non Transparent
modemType	p_ModemType		
extBit6d	'1'B		no extension
OtherModemType	p_OtherModemType		
FixedNtwUserRate	px_BcapFNUR		
extBit6e	-		
acceptChCoding	-		
maxNumTrafficCh	-		
extBit6f	-		
uIMI	-		
wAIUR	-		
extBit6g	-		
acceptChCodingExt	-		
asymIInd	-		
spare2	-		
extBit7	-		
layer2id	-		
userInfoLayer2	-		
Detailed Comment:			

After:

Structured Type Constraint Declaration	
Constraint Name:	cs_BcapMT_AsyncNT (p_ltc: B3; p_RA : B2 ; p_Sacp : B3; p_NumStopBits, p_NumDataBits : B1 ; p_Parity : B3 ; p_ModemType : B5 ; p_OtherModemType : B2)
Group:	
Type Name:	Bcap
Derivation Path:	
Encoding Variation:	
Comments:	Base Bearer capability with an Asynchronous mode and Non transparent

	<p>connection element and containing octets 3, 4, 5, 6, 6a, 6b, 6c, and 6d.</p> <p>The BCAP is a highly structured information element with 69 fields and the intention is to make the constraint re-usable, so the key fields of the BCAP shall be parametrised. This implies that more than 5 parameters are used for the BCAP constraints.</p>
--	---

Element Name	Element Value	Type Encoding	Comments
iei	'00000100'B		
iel	'08'O		
extBit3	'1'B		no extension
radioChRequi	'01'B		spare bits for n-> ue
codingStd	'0'B		GSM
transferMode	'0'B		transfer mode octet 3
itc	p_ltc		
bcap3aEtc1	-		
bcap3aEtc2	-		
bcap3aEtc3	-		
bcap3aEtc4	-		
bcap3aEtc5	-		
bcap3aEtc6	-		
extBit4	'1'B		no extension
compress	px_BcapDataCompression		
structure	'00'B		SDU Integrity
duplexMode	'1'B		Full duplex mode
cfg	'0'B		configuration: point-to-point
nirr	'0'B		negotiation of intermediate rate: no meaning
establish	'0'B		demand
extBit5	'1'B		no extension
accessId	'00'B		
rateAdapt	p_RA		
sacp	p_Sacp		I.440/I.450
extBit5a	-		

Oherltc	-		
OtherRateAdapt	-		
spare3	-		
extBit5b	-		
rateAdaptHeader	-		
multiFrame	-		
mode	-		
logLinkId	-		
assignorAssignee	-		
inBandOutBand	-		
spare1	-		
extBit6	'0'B		extension
layer1Id	'01'B		Default
userInfoLayer1	'0000'B		
syncAsync	'1'B		Asynchronous
extBit6a	'0'B		extension bit, octet 6a
numStopBits	p_NumStopBits		
nego	'0'B		Not possible
numDataBits	p_NumDataBits		
userRate	'0101'B		9.6 kBPS @sic Rash ER1396 sic@
extBit6b	'0'B		extension
intermRate	'11'B		spare
nicTx	'0'B		spare
nicRx	'0'B		spare
parity	p_Parity		
extBit6c	'0'B		extension
connectElem	'01'B		Non Transparent
modemType	p_ModemType		
extBit6d	'1'B		no extension
OtherModemType	p_OtherModemType		
FixedNtwUserRate	px_BcapFNUR		
extBit6e	-		
acceptChCoding	-		

maxNumTrafficCh	-		
extBit6f	-		
ulMI	-		
wAIUR	-		
extBit6g	-		
acceptChCodingExt	-		
asymIInd	-		
spare2	-		
extBit7	-		
layer2id	-		
userInfoLayer2	-		
Detailed Comment:			

CHANGE REQUEST

34.123-3 CR 1136 # rev **-** # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to Approved RRC Package 3 TC 8.2.4.1a		
Source:	# Ericsson		
Work item code:	# TEI	Date:	# 10/11/2004
Category:	# F	Release:	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	
	B (addition of feature),	R97 (Release 1997)	
	C (functional modification of feature)	R98 (Release 1998)	
	D (editorial modification)	R99 (Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# In specific message contents for step1 in prose for TC 8.2.4.1a it is stated that: The last TFC is set to Signalled Gain Factors. But this is not done in TTCN.
Summary of change:	# In the constraint: cds_TrChReconf64k_PS_TFCS_UL changed to use c_PowerOffsetInfoBelow64k instead of c_PowerOffsetInfoComputed.
Consequences if not approved:	# TC might fail a conformant UE.

Clauses affected:	# tc_8_2_4_1a												
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	#	#	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	#
Y	N												
#	#												
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
		Test specifications											
		O&M Specifications											
Other comments:	# Affects R99, Rel4 and Rel5 UEs.												

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downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Before:

cds_TrChReconf64k_PS_TFCS_UL

Constraint Name	cbs_TrChReconf64k_PS_TFCS_UL (p_IntegrityCheckInfo : IntegrityCheckInfo ; p_RRC_TI : RRC_TransactionIdentifier ; p_Act_time : ActivationTime ; p_FreqInfo : FrequencyInfo ; p_PrimaryScramblingCode : PrimaryScramblingCode ; p_UL_ScramblingCode : UL_ScramblingCode)
PDU Type	DL_DCCH_Message
Derivation Path	cbs_108_TrChReconf64k_PS .
Encoding Rule Name	
Encoding Variation	
Comments	@sic OG 15/06/04 T1S040339 sic@

Constraint Value

```
REPLACE
message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.ul_C
{
    tfc_Subset OMIT,
    prach_TFCS OMIT,
    modeSpecificInfo fdd:{
        ul_TFCS normalTFCI_Signalling: complete: {
            ctfcSize ctfc4Bit: {
                {
                    ctfc4 0,
                    powerOffsetInformation c\_PowerOffsetInfoComputed
                },
                {
                    ctfc4 1,
                    powerOffsetInformation c\_PowerOffsetInfoComputed
                },
                {
                    ctfc4 2,
                    powerOffsetInformation c\_PowerOffsetInfoComputed
                },
                {
                    ctfc4 3,
                    powerOffsetInformation c\_PowerOffsetInfoComputed
                },
                {
                    ctfc4 5,
                    powerOffsetInformation c\_PowerOffsetInfoComputed
                },
                {
                    ctfc4 6,
                    powerOffsetInformation c\_PowerOffsetInfoComputed
                },
            }
        }
    }
}
```

```

ctfc4 7,
powerOffsetInformation c\_PowerOffsetInfoComputed
},
{
ctfc4 8,
powerOffsetInformation c\_PowerOffsetInfoComputed
}
}
}
},
REPLACE
message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.ul_A
BY OMIT,
REPLACE
message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.dl_C
OMIT,
REPLACE
message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.dl_A
BY OMIT

```

Detailed Comments

After:

cbs_TrChReconf64k_PS_TFCS_UL

Constraint Name	cbs_TrChReconf64k_PS_TFCS_UL (p_IntegrityCheckInfo : IntegrityCheckInfo ; p_RRC_TI : RRC_TransactionIdentifier ; p_Act_time : ActivationTime ; p_FreqInfo : FrequencyInfo ; p_PrimaryScramblingCode : PrimaryScramblingCode ; p_UL_ScramblingCode : UL_ScramblingCode)
PDU Type	DL_DCCH_Message
Derivation Path	cbs_108_TrChReconf64k_PS .
Encoding Rule Name	
Encoding Variation	
Comments	@sic OG 15/06/04 T1S040339 sic@

Constraint Value

```

REPLACE
message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.ul_C
{
tfc_Subset OMIT,
prach_TFCS OMIT,
modeSpecificInfo fdd:{
ul_TFCS normalTFCI_Signalling: complete: {
ctfcSize ctfc4Bit: {
{
ctfc4 0,
powerOffsetInformation c\_PowerOffsetInfoComputed

```

```
    },
    {
        ctfc4 1,
        powerOffsetInformation c\_PowerOffsetInfoComputed
    },
    {
        ctfc4 2,
        powerOffsetInformation c\_PowerOffsetInfoComputed
    },
    {
        ctfc4 3,
        powerOffsetInformation c\_PowerOffsetInfoComputed
    },
    {
        ctfc4 5,
        powerOffsetInformation c\_PowerOffsetInfoComputed
    },
    {
        ctfc4 6,
        powerOffsetInformation c\_PowerOffsetInfoComputed
    },
    {
        ctfc4 7,
        powerOffsetInformation c\_PowerOffsetInfoComputed
    },
    {
        ctfc4 8,
        powerOffsetInformation c_PowerOffsetInfoBelow64k
    }
}
}
}
},
REPLACE
message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.ul_A
BY OMIT,
REPLACE
message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.dl_C
OMIT,
REPLACE
message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.dl_A
BY OMIT
```

Detailed Comments

CHANGE REQUEST

⌘ 34.123-3 CR 1137 ⌘ rev - ⌘ Current version: 3.7.0 ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Correction to Approved RRC Package 3 TC 8.4.1.31		
Source:	⌘ Ericsson		
Work item code:	⌘ TEI	Date:	⌘ 09/11/2004
Category:	⌘ F Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Release:	⌘ Rel-5 Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change: ⌘ In constraint cr_MeasReportInterRatMeas gsm_carrierRSSI should be * instead of ?. This is because of the alternating Compressed Mode pattern used in this testcase. According to 25.331 clause 8.6.7.6:

- 1> if the UE has confirmed the BSIC of the measured cell, then:
 - 2> if no compressed mode pattern sequence specified with measurement purpose "Initial BSIC identification" nor "BSIC re-confirmation" is active and according to its capabilities the UE requires compressed mode to measure this, the UE is not required to include the "inter-RAT cell id" nor "Observed time difference to GSM cell" in the IE "Inter-RAT measured results", when a MEASUREMENT REPORT is triggered. **If no compressed mode pattern sequence with measurement purpose "GSM carrier RSSI measurements" is active and according to its capabilities the UE requires compressed mode to measure this, the UE may include "inter-RAT cell id" or "Observed time difference to GSM cell" in MEASUREMENT REPORT without "GSM carrier RSSI" even if it is defined in the IE "Inter-RAT reporting quantity".**
- Ö..
- 1> if IE "GSM Carrier RSSI" is set to "TRUE":
 - 2> include optional IE "GSM Carrier RSSI" with a value set to the measured RXLEV to that GSM cell in IE "Inter-RAT measured results list". **If no compressed mode pattern sequence specified with measurement purpose "GSM carrier RSSI measurements" is active and according to its capabilities the UE requires compressed mode to measure this, the UE is not required to include the "GSM carrier RSSI" in the IE "Inter-RAT measured results list", when a MEASUREMENT REPORT is**

	triggered.									
Summary of change:	⌘	In constraint cr_MeasReportInterRatMeas gsm_carrierRSSI changed to be * instead of ?.								
Consequences if not approved:	⌘	TC might fail a conformant UE.								
Clauses affected:	⌘	tc_8_4_1_31								
Other specs affected:	⌘	<table border="1"> <thead> <tr> <th>Y</th> <th>N</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table> Other core specifications ⌘ Test specifications O&M Specifications	Y	N	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Y	N									
<input checked="" type="checkbox"/>	<input type="checkbox"/>									
<input checked="" type="checkbox"/>	<input type="checkbox"/>									
<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Other comments:	⌘	Affects R99, Rel4 and Rel5 UEs.								

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Before:

ASN.1 PDU Constraint Declaration	
Constraint Name:	cr_MeasReportInterRatMeas (p_measId: INTEGER; p_observedTimeDifferenceToGSM : INTEGER; p_BSICReported1 : BSICReported ; p_BSICReported2 : BSICReported; p_eventResults : EventResults)
Group:	
PDU Name:	UL_DCCH_Message
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	
Constraint Value	
<pre>{ integrityCheckInfo *, message measurementReport : { measurementIdentity p_measId, measuredResults interRATMeasuredResultsList : { gsm : { { gsm_CarrierRSSI ?, dummy OMIT, -- pathloss OMIT, bsicReported p_BSICReported1, observedTimeDifferenceToGSM p_observedTimeDifferenceToGSM }, { gsm_CarrierRSSI ?, dummy OMIT, } } } } }</pre>	

<pre> -- pathloss OMIT, bsicReported p_BSICReported2, observedTimeDifferenceToGSM p_observedTimeDifferenceToGSM } } }, measuredResultsOnRACH OMIT, additionalMeasuredResults OMIT, eventResults p_eventResults, v390nonCriticalExtensions * } } </pre>	
Detailed Comment:	

After:

ASN.1 PDU Constraint Declaration	
Constraint Name:	cr_MeasReportInterRatMeas (<p>p_measId: INTEGER;</p> <p>p_observedTimeDifferenceToGSM : INTEGER;</p> <p>p_BSICReported1 : BSICReported ;</p> <p>p_BSICReported2 : BSICReported;</p> <p>p_eventResults : EventResults</p>)
Group:	
PDU Name:	UL_DCCH_Message
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	
Constraint Value	
<pre> { integrityCheckInfo *, message measurementReport : { measurementIdentity p_measId, measuredResults interRATMeasuredResultsList : </pre>	

```

{
  gsm : {
    {
      gsm_CarrierRSSI *,
      dummy OMIT,
      -- pathloss OMIT,
      bsicReported p_BSICReported1,
      observedTimeDifferenceToGSM p_observedTimeDifferenceToGSM
    },
    {
      gsm_CarrierRSSI *,
      dummy OMIT,
      -- pathloss OMIT,
      bsicReported p_BSICReported2,
      observedTimeDifferenceToGSM p_observedTimeDifferenceToGSM
    }
  }
},
measuredResultsOnRACH OMIT,
additionalMeasuredResults OMIT,
eventResults p_eventResults,
v390nonCriticalExtensions *
}
}

```

Detailed Comment:

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1138 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to GCF P2 test cases 6.2.1.1, 6.2.1.6 and 6.2.1.9 to IR_U ATS v3.7.0 to check the displayed PLMN.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 05/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# As per the Test Requirements the user at each Cell Registration should verify the displayed PLMN. The current ATS TTCN (IR_U_wk42.mp) is not handling this for the approved test cases 6.2.1.1, 6.2.1.6 and 6.2.1.9
Summary of change:	# Added MMI prompt to check the UE displayed PLMN after each registration for the following test cases 6.2.1.1, 6.2.1.6 and 6.2.1.9.
Consequences if not approved:	# Inconsistency will remain between TTCN implementation and test specification.

Clauses affected:	#								
Other specs affected:	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="width: 20px; text-align: center;">#</td> <td style="width: 20px; text-align: center;">X</td> </tr> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">#</td> </tr> <tr> <td style="width: 20px; text-align: center;">#</td> <td style="width: 20px; text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	Y	#	#	X
Y	N								
#	X								
Y	#								
#	X								
Other comments:	#								

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Local Tree and Test step	tc_6_2_1_1, It_LocalTest
Reason for change	As per the Test Requirements the user at each Cell Registration should verify the displayed PLMN.
Summary of change	Added MMI prompt to check the UE displayed PLMN after each registration.
Source of change	New change.

Before:

It_LocalTest			
0	TBS	(tcv_TestBody:=TRUE)	
1		+ts_MMI_Cmd ("Please insert the USIM card, with Type A EFACC in 6.2.1.1")	
2		+ts_MMI_UE_SwitchOn	
3		[pc_AccessTechPriSupplnHPLMNwACT = TRUE]	
4		+ts_GSM_NormalRegistration (tsc_GSM_CellA)	
5		+ts_G_DetachOnSwitchOff (tsc_GSM_CellA)	
6		+ts_MMI_Cmd ("Please insert the USIM card, with Type B EFACC in 6.2.1.1")	
7		+ts_MMI_Cmd ("Please switch on the UE")	
8		+ts_NormalRegistration (tsc_CellB)	
9	TBE1	(tcv_TestBody:=FALSE)	
3		[TRUE]	
4		+ts_NormalRegistration_GSM_Or_UTRAN(tsc_GSM_CellA, tsc_CellA)	
5		+ts_DetachOnSwitchOffRATSpecific(tcv_RegisteredCellId)	
6		+ts_MMI_Cmd ("Please insert the USIM card, with Type B EFACC in 6.2.1.1")	
7		+ts_MMI_Cmd ("Please switch on the UE")	
8		+ts_HO_ReconfFACH_ToFACH(tsc_CellA,tsc_CellB)	
9		+ts_NormalRegistration_GSM_Or_UTRAN(tsc_GSM_CellB, tsc_CellB)	
10	TBE2	(tcv_TestBody:=FALSE)	

After:

It_LocalTest			
0	TBS	(tcv_TestBody:=TRUE)	
1		+ts_MMI_Cmd ("Please insert the USIM card, with Type A EFACC in 6.2.1.1")	
2		+ts_MMI_UE_SwitchOn	
3		[pc_AccessTechPriSupplnHPLMNwACT = TRUE]	
4		+ts_GSM_NormalRegistration (tsc_GSM_CellA)	
5		+ts_MMI_Cmd ("Please check that UE is registered on PLMN1 (GSM)")	
6		+ts_G_DetachOnSwitchOff (tsc_GSM_CellA)	
7		+ts_MMI_Cmd ("Please insert the USIM card, with Type B EFACC in 6.2.1.1")	
8		+ts_MMI_Cmd ("Please switch on the UE")	
9		+ts_NormalRegistration (tsc_CellB)	
10		+ts_MMI_Cmd ("Please check that UE is registered on PLMN2 (UTRAN)")	
11	TBE1	(tcv_TestBody:=FALSE)	
3		[TRUE]	
4		+ts_NormalRegistration_GSM_Or_UTRAN(tsc_GSM_CellA, tsc_CellA)	
5		+ts_MMI_Cmd ("Please check that UE is registered on PLMN1 (either GSM or UTRAN)")	
6		+ts_DetachOnSwitchOffRATSpecific(tcv_RegisteredCellId)	
7		+ts_MMI_Cmd ("Please insert the USIM card, with Type B EFACC in 6.2.1.1")	
8		+ts_MMI_Cmd ("Please switch on the UE")	
9		+ts_HO_ReconfFACH_ToFACH(tsc_CellA,tsc_CellB)	
10		+ts_NormalRegistration_GSM_Or_UTRAN(tsc_GSM_CellB, tsc_CellB)	
11		+ts_MMI_Cmd ("Please check that UE is registered on PLMN2 (either GSM or UTRAN)")	
12	TBE2	(tcv_TestBody:=FALSE)	

1.2 Change 2

Local Tree and Test step	tc_6_2_1_6, It_LocalTest and It_SubLocalTest
Reason for change	As per the Test Requirements the user at each Cell Registration should verify the displayed PLMN.
Summary of change	Added MMI prompt to check the UE displayed PLMN after each registration.
Source of change	New change.

Before:

It_LocalTest			
0	TBS	(tcv_TestBody:=TRUE)	
1		+ts_MMI_Cmd ("Please insert the USIM card, with Type A EFACC in 6.2.1.6")	
2		+ts_MMI_UE_SwitchOn	
3		[pc_AccessTechPriSupplnHPLMNwACT = TRUE]	
4		+ts_NormalRegistration (tsc_CellA)	
5		+It_SubLocalTest	
3		[TRUE]	
4		+ts_NormalRegistration_GSM_Or_UTRAN(tsc_GSM_CellA, tsc_CellA)	
5		+It_SubLocalTest	
It_SubLocalTest			
0		+ts_DetachOnSwitchOffRATSpecific(tcv_RegisteredCellId)	
1		+ts_HO_ReconfFACH_ToFACH(tsc_CellA,tsc_CellB)	
2		+ts_SS_Rel(tsc_CellA)	
3		+ts_MMI_UE_SwitchOn	
4		+ts_GSM_NormalRegistration(tsc_GSM_CellA)	
5		+ts_G_DetachOnSwitchOff (tsc_GSM_CellA)	
6		+ts_MMI_Cmd ("Please insert the USIM card, with Type B EFACC in 6.2.1.6")	
7		+ts_MMI_UE_SwitchOn	
8		+ts_GSM_NormalRegistration(tsc_GSM_CellA)	
9	TBE	(tcv_TestBody := FALSE)	

After:

It_LocalTest			
0	TBS	(tcv_TestBody:=TRUE)	
1		+ts_MMI_Cmd ("Please insert the USIM card, with Type A EFACC in 6.2.1.6")	
2		+ts_MMI_UE_SwitchOn	
3		[pc_AccessTechPriSupplnHPLMNwACT = TRUE]	
4		+ts_NormalRegistration (tsc_CellA)	
5		+ts_MMI_Cmd ("Please check that UE is registered on PLMN2 (UTRAN)")	
6		+It_SubLocalTest	
3		[TRUE]	
4		+ts_NormalRegistration_GSM_Or_UTRAN(tsc_GSM_CellA, tsc_CellA)	
5		+ts_MMI_Cmd ("Please check that UE is registered on PLMN2 (either UTRAN or GSM)")	
6		+It_SubLocalTest	

It_SubLocalTest			
0		+ts_DetachOnSwitchOffRATSpecific(tcv_RegisteredCellId)	
1		+ts_HO_ReconfFACH_ToFACH(tsc_CellA, tsc_CellB)	
2		+ts_SS_Rel(tsc_CellA)	
3		+ts_MMI_Cmd ("Please insert the USIM card, with Type A EFACC in 6.2.1.6")	
4		+ts_MMI_UE_SwitchOn	
5		+ts_GSM_NormalRegistration(tsc_GSM_CellA)	
6		+ts_MMI_Cmd ("Please check that UE is registered on PLMN2 (GSM)")	
7		+ts_G_DetachOnSwitchOff (tsc_GSM_CellA)	
8		+ts_MMI_Cmd ("Please insert the USIM card, with Type B EFACC in 6.2.1.6")	
9		+ts_MMI_UE_SwitchOn	
10		+ts_GSM_NormalRegistration(tsc_GSM_CellA)	
11		+ts_MMI_Cmd ("Please check that UE is registered on PLMN2 (GSM)")	
12	TBE	(tcv_TestBody := FALSE)	

1.3 Change 3

Local Tree and Test step	tc_6_2_1_9, It_LocalTest and It_SubTest1
Reason for change	As per the Test Requirements the user at each Cell Registration should verify the displayed PLMN.
Summary of change	Added MMI prompt to check the UE displayed PLMN after each registration.
Source of change	New change.

Before:

It_LocalTest			
0	TBS	(tcv_TestBody := TRUE)	
1		+ts_IdleUpdated (tsc_CellA)	
2		+ts_HO_ReconfFACH_ToFACH (tsc_CellA, tsc_CellC)	
3		+ts_SS_Rel (tsc_CellA)	
4		+It_SubTest1	
5	TBE	(tcv_TestBody := FALSE)	

It_SubTest1			
0		G_L2 ? G_L2_ACCESS_IND (tcv_ChRequest := G_L2_ACCESS_IND.burst, tcv_RR_RFN := G_L2_ACCESS_IND.rfn)	cabr_G_L2_ACCESS_IND (tsc_GSM_CellA, tsc_PhyCh0, (P) 1, ?, ?, c_G_ChannelReq_LocUpdate)
1		+ts_GSM_RegistrationWithoutRRConreq (tsc_GSM_CellA)	
2		+po_GSM_SS_CellRelease (tsc_GSM_CellA)	
3		TM?RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tm_message.uL_CCCH_Message.message.rrcConnectionRequest.initialUE_Identity) CANCEL t_Idle	car_RRC_ConnReq (tsc_CellC, (P) tsc_RB0, cbr_108_RRC_ConnReq(?))
4		+It_UtranUpdate	
5		+ts_SS_Rel (tsc_CellC)	
0		TM?RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tm_message.uL_CCCH_Message.message.rrcConnectionRequest.initialUE_Identity) CANCEL t_Idle	car_RRC_ConnReq (tsc_CellC, (P) tsc_RB0, cbr_108_RRC_ConnReq(?))
1		+It_UtranUpdate	
2		+ts_SS_Rel (tsc_CellC)	
3		G_L2 ? G_L2_ACCESS_IND (tcv_ChRequest := G_L2_ACCESS_IND.burst, tcv_RR_RFN := G_L2_ACCESS_IND.rfn)	cabr_G_L2_ACCESS_IND (tsc_GSM_CellA, tsc_PhyCh0, (P) 1, ?, ?, c_G_ChannelReq_LocUpdate)
4		+ts_GSM_RegistrationWithoutRRConreq (tsc_GSM_CellA)	
5		+po_GSM_SS_CellRelease (tsc_GSM_CellA)	

After:

It_LocalTest			
0	TBS	(tcv_TestBody:=TRUE)	
1		+ts_IdleUpdated (tsc_CellA)	
2		+ts_MMI_Cmd ("Please check that UE is registered on PLMN 7 (UTRAN)")	
3		+ts_HO_ReconfFACH_ToFACH (tsc_CellA, tsc_CellC)	
4		+ts_SS_Rel (tsc_CellA)	
5		+It_SubTest1	
6	TBE	(tcv_TestBody := FALSE)	

It_SubTest1			
0		G_L2 ? G_L2_ACCESS_IND (tcv_ChRequest :=G_L2_ACCESS_IND.burst, tcv_RR_RFN := G_L2_ACCESS_IND.rfn)	cabr_G_L2_ACCESS_IND (tsc_GSM_CellA, tsc_PhysCh0, 1, ?, ?, c_G_ChannelReq_LocUpdate)
1		+ts_GSM_RegistrationWithoutRRConreq (tsc_GSM_CellA)	
2		+ts_MMI_Cmd ("Please check that UE is registered on PLMN 8 (GSM)")	
3		+po_GSM_SS_CellRelease (tsc_GSM_CellA)	
4		TM?RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.rrcConnectionRequest.initialUE_Identity) CANCEL t_Idle	car_RRC_ConnReq (tsc_CellC, tsc_RB0, cbr_108_RRC_ConnReq(?))
5		+It_UtranUpdate	
6		+ts_MMI_Cmd ("Please check that UE is registered on PLMN 9 (UTRAN)")	
7		+ts_SS_Rel (tsc_CellC)	
0		TM?RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.rrcConnectionRequest.initialUE_Identity) CANCEL t_Idle	car_RRC_ConnReq (tsc_CellC, tsc_RB0, cbr_108_RRC_ConnReq(?))
1		+It_UtranUpdate	
2		+ts_MMI_Cmd ("Please check that UE is registered on PLMN 9 (UTRAN)")	
3		+ts_SS_Rel (tsc_CellC)	
4		G_L2 ? G_L2_ACCESS_IND (tcv_ChRequest :=G_L2_ACCESS_IND.burst, tcv_RR_RFN := G_L2_ACCESS_IND.rfn)	cabr_G_L2_ACCESS_IND (tsc_GSM_CellA, tsc_PhysCh0, 1, ?, ?, c_G_ChannelReq_LocUpdate)
5		+ts_GSM_RegistrationWithoutRRConreq (tsc_GSM_CellA)	
6		+ts_MMI_Cmd ("Please check that UE is registered on PLMN 8 (GSM)")	
7		+po_GSM_SS_CellRelease (tsc_GSM_CellA)	

CHANGE REQUEST

34.123-3 CR 1139 # rev # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to Package 2 RAB test case 14.4.2.2 and 14.4.2.3.		
Source:	# Anite Telecoms		
Work item code:	# N/A	Date:	# 5/11/2004
Category:	# F	Release:	# R99
	<i>Use <u>one</u> of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	#	1) In the test step local tree It_AssignRB_ActivationTimeInfoList is used to calculate the Activation time for RB for the Security Mode Command Message in case of Ciphering. For the test case 14.4.2.2 and 14.4.2.3, the cell state will be set to cell_FACH_3_SCCPCH_4_FACH_Cnfg1 or cell_FACH_3_SCCPCH_4_FACH_Cnfg2 or cell_FACH_3_SCCPCH_3_FACH_CTCH. In TTCN match for these cell state occurs at row 94, this results in transmission of RLC info for RB 20 which is not created at this point of execution and results in Security Mode Command failure. 2) For the test case 14.4.2.2 the test step ts_SS_ModifyCell3_SCCPCH_4_FACH_Cnfg1 and ts_SS_ModifyCell3_SCCPCH_4_FACH_Cnfg2 calls test step ts_SS_RB22_AM_PS_Cfg to configure RB 22. This test step configures RB 22 only in DL. However in case of AM RLC entity it should be configure for both UL and DL.
Summary of change:	#	1) Removed checking for Cell State cell_FACH_3_SCCPCH_4_FACH_Cnfg1 or cell_FACH_3_SCCPCH_4_FACH_Cnfg2 or cell_FACH_3_SCCPCH_3_FACH_CTCH from row 93. 2) Modified test step ts_SS_RB22_AM_PS_Cfg to configure AM RLC entity 22 for both UL and DL.
Consequences if not approved:	#	Test Case will fail a conformant UE.

Clauses affected:	#	N/A						
Other specs affected:	#	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # Test specifications #	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N							
<input type="checkbox"/>	<input checked="" type="checkbox"/>							
<input type="checkbox"/>	<input checked="" type="checkbox"/>							

O&M Specifications

Other comments: ⌘ IWD RAB wk42 ATS is used as reference for TTCN changes.

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to

1.1 Change 1

Test step name	ts_RRC_Security, local test step It_AssignRB_ActivationTimeInfoList
Reason for change	In the test step local tree It_AssignRB_ActivationTimeInfoList is used to calculate the Activation time for RB for the Security Mode Command Message in case of Ciphering. For the test case 14.4.2.2 and 14.4.2.3, the cell state will be set to cell_FACH_3_SCCPCH_4_FACH_Cnfg1or cell_FACH_3_SCCPCH_4_FACH_Cnfg2 or cell_FACH_3_SCCPCH_3_FACH_CTCH. In TTCN match for these cell state occurs at row 94, this results in transmission of RLC info for RB 20 which is not created at this point of execution and results in Security Mode Command failure.
Summary of change	Removed checking for Cell State cell_FACH_3_SCCPCH_4_FACH_Cnfg1or cell_FACH_3_SCCPCH_4_FACH_Cnfg2 or cell_FACH_3_SCCPCH_3_FACH_CTCH from row 93.
Source of change	New change

Before:

It_AssignRB_ActivationTimeInfoList	
93	<pre> [((tcv_TmpCellInfo.cellConfig = cell_DCH_64kPS_RAB_S RB) OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_AM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_CS_PS) O R (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS_PS) O R (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_Stan dAlonePCH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_F ACH_Cnfg1) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_F ACH_Cnfg2) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_3_F ACH_CTCH) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_DSCH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_DSCH_CS_PS)) AND (p_CN_Domain = ps_domain)] </pre>
94	<pre> (tcv_RB_ActivationTimeInfoList := cs_RB_ActTimeInfoListS RBs_20 (tcv_RLC_SeqNumDL_RB1, tcv_RLC_SeqNumDL _RB2+2, tcv_RLC_SeqNumDL_RB3, tcv_RLC_SeqNumDL _RB4, tcv_RLC_SeqNumDL_RB20)) </pre>

After:

It_AssignRB_ActivationTimeInfoList	
93	<pre> [((tcv_TmpCellInfo.cellConfig = cell_DCH_64kPS_RAB_S RB) OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_AM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_CS_PS) O R (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS_PS) O R (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_Stan dAlonePCH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_DSCH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_DSCH_CS_PS)) AND (p_CN_Domain = ps_domain)] </pre>
94	<pre> (tcv_RB_ActivationTimeInfoList := cs_RB_ActTimeInfoListS RBs_20 (tcv_RLC_SeqNumDL_RB1, tcv_RLC_SeqNumDL _RB2+2, tcv_RLC_SeqNumDL_RB3, tcv_RLC_SeqNumDL _RB4, tcv_RLC_SeqNumDL_RB20)) </pre>

1.2 Change 2

Test step name	ts_SS_RB22_AM_PS_Cfg
-----------------------	----------------------

Reason for change	For the test case 14.4.2.2 the test step ts_SS_ModifyCell3_SCCPCH_4_FACH_Cnfg1 and ts_SS_ModifyCell3_SCCPCH_4_FACH_Cnfg2 calls test step ts_SS_RB22_AM_PS_Cfg to configure RB 22. This test step configures RB 22 only in DL. However in case of AM RLC entity it should be configure for both UL and DL.
Summary of change	Modified test step ts_SS_RB22_AM_PS_Cfg to configure AM RLC entity 22 for both UL and DL.
Source of change	New change

Before:

Test Step				
Test Step Id:	ts_SS_RB22_AM_PS_Cfg (p_Payloadsize: INTEGER)			
Test Step Group Ref:	RB_Steps/Initialization/			
Objective:	setup radio bearers : RB22. default values from 34.108 cl. 6.10.2.4.4 and 6.10.2.4.3.3			
Defaults:	SS_Def			
Comments:	CRLC is configured with cellId -1 (tsc_CellDedicated)			
Nr	La...	Behaviour Description	Constraint Ref	Comments
1		CRLC ! CRLC_Config_REQ	ca_RB_AM_DL_Info (tsc_CellDedicated, tsc_RB22, tcv_TimerPollProhibit, tcv_TimerPoll, tcv_PollSDU, tcv_PollWindow, {uLogicalChannelIdentity OMIT, dLogicalChannelIdentity tsc_DL_DTCH2}, p_Payloadsize)	configure radio bearers : RB22 in Downlink (AM + DTC H)
2		CRLC ? CRLC_Config_CNF	ca_CRLC_CfgCnf (tsc_CellDedicated, tsc_RB22)	

After:

Test Step				
Test Step Id:	ts_SS_RB22_AM_PS_Cfg (p_Payloadsize: INTEGER)			
Test Step Group Ref:	RB_Steps/Initialization/			
Objective:	setup radio bearers : RB22. default values from 34.108 cl. 6.10.2.4.4 and 6.10.2.4.3.3			
Defaults:	SS_Def			
Comments:	CRLC is configured with cellId -1 (tsc_CellDedicated)			
Nr	La...	Behaviour Description	Constraint Ref	Comments
1		CRLC ! CRLC_Config_REQ	ca_RB_AM_Info_RAB (tsc_CellDedicated, tsc_RB22, tcv_TimerPollProhibit, tcv_TimerPoll, tcv_PollSDU, tcv_PollWindow, {uLogicalChannelIdentity OMIT, dLogicalChannelIdentity tsc_DL_DTCH2}, p_Payloadsize)	configure radio bearers : RB22 in Downlink (AM + D TCH)
2		CRLC ? CRLC_Config_CNF	ca_CRLC_CfgCnf (tsc_CellDedicated, tsc_RB22)	

CHANGE REQUEST

⌘ **34.123-3 CR 1140** ⌘ rev ⌘ Current version: **3.7.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Correction to GCF P4 NAS test Case 12.4.1.2 (Revision of T1-040673)		
Source:	⌘ Anritsu Ltd		
Work item code:	⌘ N/A	Date:	⌘ 04/11/2004
Category:	⌘ F	Release:	⌘ R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	⌘ At step 9, the "GMM_Cause" IE contained within the ROUTING AREA UPDATE REJECT message has the incorrect value 03'H. This value is "Illegal ME" as seen in 3GPP TS 24.008, clause 10. The prose state the GMM_Cause should be "Illegal ME" which has a value of 06iH.
Summary of change:	⌘ 1 table modified in iWD-TVB2003-03_D04wk42 Line 35 of tc_12_4_1_2
Consequences if not approved:	⌘ Test case will fail with Conformant UE

Clauses affected:	⌘ N/A								
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;">X</td> </tr> </table> Other core specifications ⌘ Test specifications O&M Specifications	Y	N		X		X		X
Y	N								
	X								
	X								
	X								
Other comments:	⌘ 								

How to create CRs using this form:

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- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Test Case

Test Case Id:	tc_12_4_1_2
Test Group Reference:	GMM/Routing_Area Updating/PS_only_RAU/
Purpose:	To test the behaviour of the UE if the network rejects the routing area update cause 'Illegal ME'
Configuration:	
Defaults:	NAS_OtherwiseFail
Comments:	<pre>@SIC_NAPP Initial conditions - SS : Three cells (not simulataneously activated) operating in network operat mode II - UE : The UE has a valid P-TMSI-1, P-TMSI-1 signature and RAI-1 Mapping of the cells from the prose to the TTCN: - Cell A -> Cell A - Cell B -> Cell B - Cell C -> Cell D @sic VB T1-040044 sic@</pre>

Label	Behaviour Description	Constraint Ref	Verdict	Comments
	START t_Guard (300)			
	+ts_InitVariables			
	<pre>(tcv_NumOfPLMN := 2, tcv_CellInfoA.nmo := tsc_NMO_II, tcv_CellInfoB.attenuationLevel := tsc_AttenuationNonSuitableNeighbourCell, tcv_CellInfoB.nmo := tsc_NMO_II, tcv_CellInfoB.rac := tsc_RAC_2, tcv_CellInfoB.attFlag := tsc_Attoff, tcv_CellInfoB.t3212 := tsc_T3212_0, tcv_CellInfoD.nmo := tsc_NMO_II, tcv_CellInfoD.mcc := tsc_MCC_2, tcv_CellInfoD.attFlag := tsc_Attoff, tcv_CellInfoD.t3212 := tsc_T3212_0)</pre>			Test speci cell setti @sic attFl shall to Of all c sic@
	+ ts_GMM_SetOpModeC_OrA			The U set i opera mode supp other is se opera mode
	+ts_GMM_Config_CellA_CellB			Confi cell cell
	+ts_IdleUpdated (tsc_CellA)			Turn and a valid TMSI-

				TMIS- signa and R
	(tcv_CellInfoA.attFlag := tsc_AttOff, tcv_CellInfoA.t3212 := tsc_T3212_0)			
	+ts_SysInfoModifyMM (tsc_CellA, tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.attFlag, tcv_CellInfoA.t3212, tcv_CellInfoA.rac, tcv_CellInfoA.nmo)			Modif to se flag
	+ts_GMM_DetachOnSwitchOff (tsc_CellA)			Turn detac
0	+lt_TestBody			
1	+po_ConnectionAndSS_Rels			
t_TestBody				
2	(tcv_TestBody := TRUE)		(P)	
3	+ts_MMI_UE_SwitchOnTriggerGMM_Attach			
4	+ts_RRC_ConnEst (tsc_CellA, est_Reg, registration)			
5	+lt_Attach_Steps_4To5			
6	+lt_ActivateCellB_Step6			
7	+lt_RARej_Steps_8To9			
8	+ ts_GMM_InitVariablesPS			
9	+ts_PS_Paging_PTMSI (tsc_CellB, tcv_RRC_PagingCau)			Step
0	+ts_VerifyNoAccess (10)			Step
1	+lt_ActivateCellD_Step12			
2	+ts_VerifyNoAccess (30)			Step
3	+ ts_MM_PwrOrUSIM_Off (TRUE)			If pc USIM is perfc Other possi switc is perfc Other the p remov @sic remov
4	+ ts_MM_PwrOrUSIM_On (TRUE)			@sic remov
5	+lt_Attach_Steps_17To19			
6	+ts_GMM_DetachOnSwitchOff			Steps

	(tsc_CellD)			21
t_Attach_Steps_4To5				
7	Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_GMM_AttachTypePS_Only, c_MobileIdPTMSI_lv_Def, c_RAI_Def_v, tcv_PS_KeySeq))		Step ATTAC REQUE - Att type attac - Mok P-TMS - RAI - PTM signa
8	+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)			
9	+ ts_GMM_AuthenticateAndStartIntegrityProtection (tsc_CellA)			
0	Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachAcc (c_GMM_AttachResultPS_Only, c_RAI_Def_v, -, -, -))		Step ATTAC ACCEP - Att resul only' - RAI - no Mobil assign - no TMSI signa
1	+ts_RRC_ConnRel (tsc_CellA, cell_Dch)			
t_RARej_Steps_8To9				
2	+ts_RRC_ConnEst (tsc_CellB, est_Reg, registration)			
3	Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_RA_UpdReqAnyTS (c_GMM_UpdateTypeRA_Updating, c_RAI_Def_v, -, tcv_PS_KeySeq))		Step ROUTI UPDAI REQUE - Upd type updat - RAI @sic T1s04 comme R&S s
4	+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)			
5	Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_RA_UpdRej ('03'0) '06'0)		Step ROUTI UPDAI REJEC - cau

		)		'Ille
6	+ts_RRC_ConnRel (tsc_CellB, cell_Dch)			
t_Attach_Steps_17To19				
7	(tcv_PS_KeySeq := '111'B)			@sic ER200 TTCN
8	+ ts_MM_RegistrationHandleAttachReqIMSI (tsc_CellD)			Step CS regis If UE Opera mode Handl recei ATTAC @sic Handl Attac durin regis sic@
9	+ts_GMM_AuthenticateAndStartIntegrityProtection (tsc_CellD)			
0	Dc ! RRC_DataReq (tcv_AssignedPTMSI := px_PTMSI_Def, tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachAcc (c_GMM_AttachResultPS_Only, c_RAI_v (tcv_CellInfoD.mcc, tcv_CellInfoD.mnc, tcv_CellInfoD.lac, tcv_CellInfoD.rac), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))		Step ATTAC ACCEF - Att resul attac - RAI - P-T signa - Mok P-TMS
1	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)		Step ATTAC COMPI
2	+ts_RRC_ConnRel (tsc_CellD, cell_Dch)			
t_ActivateCellB_Step6				
3	+ts_SS_DecrementCellPowerLevel (tsc_Cella, tsc_AttenuationSuitableNeighbourCell - tsc_AttenuationServingCell)			Lower level
4	+ts_SS_IncrementCellPowerLevel (tsc_CellB, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)			Activ cell
t_ActivateCellD_Step12				
5	+ts_SS_Rel (tsc_Cella)			Remov A (fr ressc @sic 04058

6	+ts_SS_DecrementCellPowerLevel (tsc_CellB, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)			Lower level cell
7	+ts_SS_CreateCellDCH (tsc_CellD)			Activ cell
8	+ts_SendDefSysInfo (tsc_CellD)			

etailed Comment:Generated by Leonardo Delta 1.05 ([Da Vinci Communications Ltd](#))

CHANGE REQUEST

⌘ **34.123-3 CR 1141** ⌘ rev ⌘ Current version: **3.7.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Correction of GCF P1 test case 7.2.3.23		
Source:	⌘ R&S		
Work item code:	⌘ N/A	Date:	⌘ 04/11/2004
Category:	⌘ F	Release:	⌘ R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	⌘ To correct GCF P1 test case 7.2.3.23
	The test case does not account for all types of behaviour when retransmitting RLC AMD PDUs. Either the last outstanding PDU is used ñ as the test case assumes ñ or previously transmitted PDUs may be used.
Summary of change:	⌘ 1 table modified
	No matter which way of retransmitting is used the test case will acknowledge all received PDUs at the end without evaluating the sequence number in the retransmitted PDU.
Consequences if not approved:	⌘ Test case may fail conformant UE.

Clauses affected:	⌘ N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications Test specifications O&M Specifications	⌘ <input type="text"/>
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Other comments:	⌘ <input type="text"/>										

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Change 1

Test Case	tc_7_2_3_23
Reason for change	<p>The test case sends 20 PDUs to the UE which are looped back. At the 20th PDU with SN = 19, UE sends a PDU with Poll bit set. At this time UE starts a timer "Timer_Poll".</p> <p>The test case does not send a STATUS PDU and "Timer_poll" expires in UE and UE sends another PDU with Poll bit Set.</p> <p>Now as per specs 25.322 section 11.3.2 UE can send the poll bit in</p> <ul style="list-style-type: none">- if no AMD PDU is scheduled for transmission or retransmission:- if the value of "Configured_Tx_Window_Size" is larger than or equal to "2048":- select the AMD PDU with "Sequence Number" equal to VT(S)-1.- otherwise if the "Configured_Tx_Window_Size" is less than "2048";- select the AMD PDU with "Sequence Number" equal to VT(S)-1; or- select an AMD PDU that has not yet been acknowledged by the peer entity;- schedule the selected AMD PDU for retransmission (in order to transmit a poll). <p>a AMD PDU which is not yet acknowledged or the last AMD PDU transmitted i.e with SN = 19.</p> <p>In our case the UE sends a AMD PDU with SN = 0, since it is not acknowledged and this is as per RLC specs.</p> <p>The problem is that TTCN test case receives this PDU and sends a ack with</p> <p>SN = SN received in retransmitted PDU + 1 , which is 2 and then tries to release the connection.</p> <p>But UE on other hand after getting this ack restarts the "Timer_Poll", because it will cancel the "Timer_poll" only when it receives ACK or NACK for 19th PDU (section 9.5 of 25.322), So on expiry of "Timer_Poll" it now retransmits PDU with SN=2 with Poll bit set.</p> <p>This collides with SS attempt to release the resources at the end of the test case.</p>
Summary of change	<p>The test case shall acknowledge all outstanding PDUs, and not account for the sequence number of the PDU used by the UE for retransmission.</p> <p>Variable tcv_Count gives the numebr of AMD PDUs sent and received except retransmissons. As the sequence number starts from 0 the value of tcv_Count acks all AMD PDUs from the UE.</p>

Before:

It_CheckNumPolls					
0	TBP1	[(tcv_NumPollsRx >= 3) AND (tcv_Inv alidTimeout = FALSE)]		(P)	(24)
1		TM ! TxStatus	cas_StatusReq(tsc_RB_AM _7_RLC, cs_SF_Ack(BIT_TO _IN((tcv_AMD_PDU.seqNum) + 1), (2 * (tcv_PayloadSize + 2)) - 5)		(26)
0	TBF4	[TRUE]		(F)	

After:

It_CheckNumPolls					
0	TBP1	[(tcv_NumPollsRx >= 3) AND (tcv_Inv alidTimeout = FALSE)]		(P)	(24)
1		TM ! TxStatus	cas_StatusReq(tsc_RB_AM _7_RLC, cs_SF_Ack(tcv_Co unt), (2 * (tcv_PayloadSize + 2)) - 5)		(26)
0	TBF4	[TRUE]		(F)	

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3 CR 1142 # rev - #	Current version: 3.7.0 #

For [HELP](#) on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Global correction of Structured Type Constraints containing wildcards violating coding convention E.3.7		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 04/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# To correct Structured Type Constraints containing wildcards violating coding convention E.3.7. Non-respect of this coding convention may lead to ambiguities resp. erroneous decoding of messages.
Summary of change:	# This document describes which type of changes has to be implemented in the concerned Structured Type Constraints used by approved test cases.
Consequences if not approved:	# The test cases making use of incorrect Structured Type Constraints may fail conformant UEs or may pass UEs with an incorrect behaviour.

Clauses affected:	# N/A						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications	Y	N	#	X	#	
Y	N						
#	X						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Test specifications	#	X	#			
#	X						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> O&M Specifications	#	X	#			
#	X						
Other comments:	#						

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

01 Jan - 31 Dec 2004

Title: Global correction of Structured Type Constraints containing wildcards violating coding convention E.3.7

Source: Rohde & Schwarz

Agenda Item: TTCN Issues

Document for: Approval

Contact: Holger Jauch
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1 Overview

This document is a CR on all approved test cases which directly or indirectly make use of Structured Type Constraints containing wildcards violating coding convention E.3.7. Non-respect of this coding convention may lead to ambiguities resp. erroneous decoding of messages. As a consequence conformant UEs may fail test cases which have already been approved.

2 Table of Contents

1	Overview	3
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4	Example.....	6

3 Coding Convention E3.7

E.3.7 Wildcards in PDU constraints for structured types should not be used

Contrary to popular belief, TR 101 666 [**Error! Reference source not found.**] does not support the use of wildcards for TTCN ASP parameters, or TTCN PDU fields whose type is structured. It is not clearly stated if wildcards are permitted for TTCN structured type elements whose type is structured but it is assumed that they are not permitted because the semantics for this are not clearly specified.

Note that this does not apply to ASN.1 Type definitions, ASPs, or PDUs.

Most tools do support wildcards for TTCN ASP parameters / TTCN PDU fields / TTCN structured type elements whose type is structured, but there is ambiguity between implementations since the semantics are not clearly specified in the core specification.

This feature is commonly used by TTCN developers, and is present in many existing test suites, including the 3GPP test suite, and in constraints that are being re-used from GERAN tests.

One problem with values '?' and '*' in constraints where they are used to indicate values of structured types, is that they would allow any combinations of values - even incorrect ones - which is not admissible according to the specifications. It is to be kept in mind that in tabular form each field is optional! It would be better to create and use an "any"-constraint which would deal with all the fields in detail (mandatory, IF PRESENT, etc.).

For the purpose of the present annex, the following rules shall apply:

1. '?' shall not be used to indicate values of TTCN ASP parameters / TTCN PDU fields / TTCN structured type elements whose type is structured. Known TTCN implementations differ significantly in their implementation of this feature.
2. '*' shall not be used for TTCN PDU fields, or TTCN ASP parameters whose type is structured (i.e. at the top level).
3. '*' is permitted but discouraged for structured type elements whose type is structured. Note that this may result in ambiguous behaviour between TTCN implementations because the semantics are not specified in TR 101 666 [**Error! Reference source not found.**].
4. One of the following two options shall be used as an alternative to using a '?' for a TTCN ASP parameter / TTCN PDU field / TTCN structured type element whose type is structured.
 - 4.1 Option 1: Use '*' instead (only applicable to structured type elements due to rules 2 and 3 above).

WARNING: This may result in the situation where a UE omits a mandatory field, but passes the test anyway, and / or different behaviour depending on the TTCN tool used.

- 4.2 Option 2 (preferred option; supported by TR 101 666 [**Error! Reference source not found.**]): Use an 'any' constraint, in conjunction with IF PRESENT if appropriate (whole TTCN ASP parameters / TTCN PDU fields / TTCN structured type elements may be omitted according to TR 101 666 [**Error! Reference source not found.**]). This means that the constraint value specified for the parameter / field / element shall be a reference to another constraint of the appropriate structured type, which may in turn use wildcards for each of its elements according to the rules specified in the present annex.

4 Example

In the following example `msRadioAccessCap` is a mandatory IE which the constraint erroneously allows to be omitted.

The last two IEs are optional. The constraint allows them to be present or not. If only one of the IEs is provided, the IEI of the first IE will always match as any value is expected to match.

PDU Constraint Declaration			
Constraint Name:	<code>cbr_RA_UpdReq</code> (<code>p_updateType</code> : UpdateType_v; <code>p_RAI</code> : RAI_v; <code>p_PTMSISig</code> : PTMSI_Signature; <code>p_TMSIStatus</code> : TMSI_Status; <code>p_KeySeq</code> : KeySeq)		
Group:			
PDU Name:	ROUTINGAREAUPDATEREQUEST		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	@SIC_NAPP		
Field Name	Value	Type Encoding	Comments
<code>skipIndicator</code>	'0000'B		
<code>gMMProtocolDiscriminator</code>	<code>tsc_GMM_PD</code>		
<code>msgType</code>	'00001000'B		
<code>gprsCiphKeySeqNo</code>	<code>c_CiphKeySeqNum(p_KeySeq)</code>		
<code>updateType</code>	<code>p_updateType</code>		
<code>oldRAI</code>	<code>p_RAI</code>		
<code>msRadioAccessCap</code>	*		
<code>oldPTMSI_Signature</code>	<code>p_PTMSISig</code>		
<code>readyTimer</code>	<code>cr_GPRS_TimerAny IF_PRESENT</code>		
<code>drxParameter</code>	<code>cr_DRXparameter_tv_Any IF_PRESENT</code>		
<code>tmsiStatus</code>	<code>p_TMSIStatus</code>		
<code>ptmsi</code>	<code>c_MobileIdPTMSI_Any IF_PRESENT</code>		@sic T1-031835 sic@
<code>msnetworkcap</code>	*		
<code>pDP_ContextStatus</code>	*		

CHANGE REQUEST

⌘ **34.123-3 CR 1143** ⌘ rev ⌘ Current version: **3.7.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Correction to GCF P4 RRC test Case 8.3.1.15		
Source:	⌘ Anritsu Ltd		
Work item code:	⌘ N/A	Date:	⌘ 20/10/2004
Category:	⌘ F	Release:	⌘ R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	⌘ To correct the TTCN to be in line with the Prose.
Summary of change:	⌘ 1 table modified in iWD-TVB2003-03_D04wk42 cd_UL_AM_RLC_SRB_New_MaxDAT
Consequences if not approved:	⌘ Test case will be inconsistent with the Prose

Clauses affected:	⌘ N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;">X</td> </tr> </table> Other core specifications ⌘ Test specifications O&M Specifications	Y	N		X		X		X		
Y	N										
	X										
	X										
	X										
Other comments:	⌘										

How to create CRs using this form:

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Reason for change:

The specific message contents of the RRC CONNECTION SETUP message should be set to "1", as stated in 34.123-1 v.5.8.0 and both CELL_FACH and CELL_DCH default message contents in 34.108 v5.1.0.

ASN.1 Type Constraint Declaration	
Constraint Name:	cd_UL_AM_RLC_SRB_New_MaxDAT
Group:	
Type Name:	UL_AM_RLC_Mode
Derivation Path:	cb_UL_AM_RLC.
Encoding Variation:	
Comments:	@SIC_NAPP
Constraint Value	
REPLACE transmissionRLC_Discard.noDiscard BY dat4, REPLACE transmissionWindowSize BY tw32, REPLACE max_RST BY rst1	
Detailed Comment:	

CR-Form-v7
CHANGE REQUEST
34.123-3 CR 1144 # rev # Current version: 3.7.0

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Extension to Guard Timer for Approved NAS GMM Test Cases		
Source:	# Anritsu Ltd		
Work item code:	# N/A	Date:	# 03/11/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# It was found during regression of the following approved test cases with multiple UEs, it was found the time it takes for different UE to execute varies. For some UE, the existing guard time was found to be too short. The test cases affected so far are:- 12.9.7b (P4) 12.9.7c (P4) 12.4.1.4d Proc1 (P4) 12.4.1.4d Proc2 (P4) 12.2.1.5a Proc 1 (P4)
Summary of change:	# The guard timer for the above list of test cases should be extended to 20 minutes.
Consequences if not approved:	# A conformant UE may fail with these test cases.

Clauses affected:	# N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # <input type="checkbox"/> Test specifications # <input type="checkbox"/> O&M Specifications # <input type="checkbox"/>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Other comments:	#										

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

TSG-T WG 1 E-Mail 2004

T1-040692

01 Jan - 31 Dec 2004

Title	Extension to Guard Timer for Approved NAS GMM Test Cases
Source	Anritsu
Agenda Item	N/A
Document for	Approval
Contact	Bosco Choi (Anritsu) bosco.choi@eu.anritsu.com Tel: +44 1582 433200

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1 Overview

This document details the changes needed introduce test case 12.9.7b ATS V3.7.0 With these changes applied the test case can be demonstrated to run on at least one independent UE implementations. Only essential fixes to the TTCN are applied. This test case has been tested according to the configuration stated below:-

Reference document	TS 34.123-1 version 5.9.0 TS34.108 version 5.2.0
Referenced CRs	None
Based ATS suite	iWD-TVB2003-03_D04wk42
Integrity	Enabled
Ciphering	Disabled
Path tested	PS

2 Tables added to iWD-TVB2003-03_D04wk42

None

3 Tables Modified to iWD-TVB2003-03_D04wk42

3.1 Tables tc_12_9_7b, tc_12_9_7c, tc_12_4_1_4d1, tc_12_4_1_4d2 and 12_2_1_5a_1

Line 1: START t_Guard(300) changed to START t_Guard(20*60)

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CHANGE REQUEST

34.123-3 CR 1145 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to RRC TC 8.1.12 for handling correct number of RRC Connection Release Complete message based on the value of N308		
Source:	# Anite		
Work item code:	# N/A	Date:	# 02/11/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# In the TTCN loop to handle RRC Connection Release Complete message from the UE equal to N308 is not present for Step 11 of the expected sequence. In the RRC Connection Release message (Step 10) N308 is set as 1, however only one RRC Connection Release complete is expected from the UE rather than 2.
Summary of change:	# ts_RRC_ConnRel is called in the TTCN to check reception of number of RRC Connection Release Complete messages.
Consequences if not approved:	# Test case without changes may fail a conformant UE.

Clauses affected:	#								
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # O&M Specifications #	Y	N	#	X	#	#	#	X
Y	N								
#	X								
#	#								
#	X								
Other comments:	#								

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1.1 Change 1

Test Case 8_1_12	tc_8_1_12, local test step It_TestBody
Reason for change	In the TTCN loop to handle RRC Connection Release Complete message from the UE equal to N308 is not present for Step 11 of the expected sequence. In the RRC Connection Release message (Step 10) N308 is set as 1, however only one RRC Connection Release complete is expected from the UE rather than 2.
Summary of change	ts_RRC_ConnRel is called in the TTCN to check reception of number of RRC Connection Release Complete messages
Source of change	New change

Before:

10		+ It_CheckNoReceptionOf_RRC_ConnRelCmpl			step 9
11		UM ! RLC_UM_DATA_REQ	cas_RRC_ConnRelDCCH (tsc_CellDedicated, tsc_RB1, cs_108_RRC_ConnRelDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_N308))		step 10,
12		UM ? RLC_UM_DATA_IND	car_RRC_ConnRelCmplUM (tsc_CellDedicated, tsc_RB1, cbr_108_RRC_ConnRelCmpl (tcv_RRC_Ti)	(P)	step 11
13		+ ts_C1_CheckIdleMode (tsc_CellA	)		step 12
It_CheckNoReceptionOf_RRC_ConnRelCmpl					

After:

8		+ It_SetRRC_MesgSQNErr			Set RRC SQN equal to of previous successfully ed message on RB1.
9		UM ! RLC_UM_DATA_REQ	cas_RRC_ConnRelDCCH (tsc_CellDedicated, tsc_RB1, cs_108_RRC_ConnRelDCCH (cs_IntegrityCheckInfo_WrongMsgSeqNumPart (tcv_CellIndInfo.dl_IntegrityCheckInfo.messageAuthenticationCode), tcv_RRC_Ti, tcv_N308))		step 8,
10		+ It_CheckNoReceptionOf_RRC_ConnRelCmpl			step 9
11		+ ts_RRC_ConnRel (tsc_CellA, cellDch)			
13		+ ts_C1_CheckIdleMode (tsc_CellA)		step 12

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CHANGE REQUEST

34.123-3 CR 1146 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Corrections Required for the wk42 ATS		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 29/10/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Errors were identified during the Wk42 ATS regression testing.
Summary of change:	# This document lists all changes required to pass certain test cases that fails during the Wk42 Regression
Consequences if not approved:	# Conformant UEis may fail these test cases

Clauses affected:	# N/A				
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications #	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
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	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications #	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
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	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications #	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
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Other comments:	#				

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1 RAB ATS

The following error makes the following test cases fail: 14.2.4a, 14.2.5a, 14.2.7a, 14.2.16, 14.2.38e, 14.2.38f, 14.2.29, 14.2.31.1 and 14.2.32.1.

1.1 cb_DL_DPCH_AMR (WA#RAB4489)

Test step name	cb_DL_DPCH_AMR
Reason for change	The local change done @sic T1-041438 sic@ (omitting the secondary scrambling code in the RAB setup message) has to be also done in the local configuration (common constraint `cb_DL_DPCH_AMR`).
Summary of change	Used `OMIT` instead of `11` as value for the `secondaryScramblingCode` IE.
Source of change	New change
Label	WA#RAB4489

ASN.1 Type Constraint Declaration	
Constraint Name:	cb_DL_DPCH_AMR (p_sf: SF512_AndCodeNumber; p_DL_CommonInformation : DL_CommonInformation)
Group:	
Type Name:	DL_DPCHInfo
Derivation Path:	
Encoding Variation:	
Comments:	WA#RAB4489
Constraint Value	
<pre>{ dl_CommonInformation p_DL_CommonInformation , dl_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset (((tsc_DefaultDPCH_OffsetValue*512) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 dl_ChannelisationCodeList { { secondaryScramblingCode OMIT, sf_AndCodeNumber p_sf } }, tpc_CombinationIndex 0 }, powerOffsetOfTFCL_PO1 0, powerOffsetOfTPC_PO2 0, powerOffsetOfPLOT_PO3 0, dl_TxPower tsc_DL_TxPower_DPCH, dl_TxPowerMax 15, dl_TxPowerMin -35 }</pre>	

The following error makes 14.2.23c fail.

1.2 c_DL_DPCH_128K (WA#RAB4489)

Test step name	c_DL_DPCH_128K
Reason for change	The local change done @sic T1-041438 sic@ (omitting the secondary scrambling code in the RAB setup message) has to be also done in the local configuration (constraint `c_DL_DPCH_128K`).
Summary of change	Used `OMIT` instead of `tsc_DL_DPCH1_2ndScrC` as value for the `secondaryScramblingCode` IE.
Source of change	New change
Label	WA#RAB4489

ASN.1 Type Constraint Declaration	
Constraint Name:	c_DL_DPCH_128K (p_DL_CommonInformation : DL_CommonInformation)
Group:	
Type Name:	DL_DPCHInfo
Derivation Path:	
Encoding Variation:	
Comments:	WA#RAB4489
Constraint Value	
<pre> { dl_CommonInformation p_DL_CommonInformation, dl_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset ((tsc_DefaultDPCH_Offsetvalue+12) MOD 38400) 200, -- @sic ER 1832 sic@ dl_ChannelisationCodeList ((secondaryScramblingCode OMIT, sf_AndCodeNumber tsc_Sfc16)), tpc_CombinationIndex 0 }, powerOffsetOTFCL_P01 tsc_DPCH_PowerOffsetTFCL, powerOffsetOTPC_P02 tsc_DPCH_PowerOffsetTPC, powerOffsetOPILOT_P03 tsc_DPCH_PowerOffsetPILOT, dl_TxPower 0, -- @sic ER T1s040383 sic@ dl_TxPowerMax 15, dl_TxPowerMin -35 } </pre>	

The following error makes 14.2.27 fail.

1.3 ts_SS_2DCH_ModifyInteractBackg_32k_PS (WA#RAB4489)

Test step name	ts_SS_2DCH_ModifyInteractBackg_32k_PS
Reason for change	The local change done @sic T1-041438 sic@ (omitting the secondary scrambling code in the RAB setup message) has to be also done in the local configuration.
Summary of change	Used iOMITi instead of itcv_TmpCellInfo.dl_DPCH_2ndScrCodei as parameter for the isecondaryScramblingCodei IE.
Source of change	New change
Label	WA#RAB4489

Test Step	
Test Step Id:	ts_SS_2DCH_ModifyInteractBackg_32k_PS (p_CellId : INTEGER; p_ActTime : ActivationTime; p_DL_CommonInformation : DL_CommonInformation; p_UL_DPCH_Info : UL_DPCH_Info)
Test Step Group Ref:	L3M_SS_ConfigSteps/
Objective:	to configure physical channel DPCH1 and connect DCH1 and DCH5 to the physical channel, then map DCCH1-4 on to the DCH5 transport channel and map D TCH(subflow#1) to the DCH1 transport channel respectively. Used for interactive or background / unknown/ UL:32 DL:32kbps, 40ms TTI TC.
Defaults:	RRC_Def1
Comments:	

Nr	Behaviour Description	Constraint Ref	Comments
1	[px_RAT = fdd]		
2	CPHYICPHY_RL_Modify_REQ	ca_DL_DPCH_Info(p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_Info (tsc_Sfc64, p_DL_CommonInformation, OMIT), p_ActTime)	1. @sic T1-0401416 sic@ WA#RAB4489
3	CPHY?CPHY_RL_Modify_CNF	ca_RL_ModifyCnf(p_CellId, tsc_DL_DPCH1)	
4	CPHYICPHY_TrCH_Config_REQ	ca_2_DCH_0_To9_DL_Info (p_CellId, tsc_DL_DPCH1, c_TrChConfigTypeDCH_NoSHO, c_DCH_148_TFS_DL, c_DCH_336_TFS_40_TC, c_PowerOffsetInfoBelow64k, p_ActTime)	2. @sic T1-040069 sic@
5	CPHY?CPHY_TrCH_Config_CNF	ca_TrChCfgCnf(p_CellId, tsc_DL_DPCH1)	
6	CMAC ! CMAC_Config_REQ	ca_CMAC_ReconfigInfo (tsc_CellDedicated, tsc_DL_DPCH1, c_UE_Info (OMIT, OMIT), c_TrChInfo_DL_2_0To9 (c_DCH_148_TFS_DL, c_DCH_336_TFS_40_TC, c_PowerOffsetInfoBelow64k), c_TrLogMappingDL_2_PS, p_ActTime)	3.
7	CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf(tsc_CellDedicated, tsc_DL_DPCH1)	
8	CPHYICPHY_RL_Modify_REQ	ca_UL_DPCH_ModifyInfo (p_CellId, tsc_UL_DPCH1, p_UL_DPCH_Info, p_ActTime)	1.
9	CPHY?CPHY_RL_Modify_CNF	ca_RL_ModifyCnf(p_CellId, tsc_UL_DPCH1)	

2 RRC ATS

2.1 tc_8_4_1_1 (WA#RRC4576)

Test step name	Tc_8_4_1_1 : It_TestBody
Reason for change	Cell A is configured in Cell-DCH and there is no RB_BCCH_FACH Configured, therefore SysInfo Change indication message should not be sent.
Summary of change	Used test step ts_SendModifiedSIB11_SysInfo_DCH in line 16 of tc_8_4_1_1
Source of change	New change
Label	WA#RRC4576

It_LocalTest				
15	TBS	(tcv_TestBody := TRUE)		
16		+ts_SendModifiedSIB11_SysInfo_DCH (tsc_CellA, c_SIB11_ModifiedIntraFreqMese (tcv_CellInfoA, tcv_CellInfoB, c_CellInfoDef (tsc_DummyCellC, (px_PriScrmCode+10), tsc_URA_IdCellC, px_TCellC, tsc_SFN_OffsetC, c_FreqInfo (px_UARFCN_D_Mid - 950 , px_UARFCN_D_Mid), ((px_UL_ScramblingCode + 2000) MOD 16777216)), tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_CellInfoG, tcv_CellInfoH))		Step 1 in prose; WA#RRC4576
17		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		Step 2-4 in prose;

2.2 tc_8_4_1_3 (WA#RRC4577)

Test step name	Tc_8_4_1_3: It_testbody
Reason for change	The Upper bound timer was not assigned correctly causing the test case to fail before the measurement report is received.
Summary of change	Corrected the upper bound timer to (16*1000 + tcv_Tolerance)
Source of change	New change
Label	WA#RRC4577

28		(tcv_Tolerance := (16 * 1000) / 10)		
29		START UpperBound (16*1000 + tcv_Tolerance); START LowerBound(16*1000 - tcv_Tolerance)		@sic Thomas T1s040576 sic@ WA#RRC4577
30	TBF3	AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportIntraFreqEventC r (5, OMIT, tcv_CellInfoA.priScrmCode, tcv_CellInfoB.priScrmCode, e1 a))	(F) @sic Thomas T1s040576 sic@

2.3 tc_8_3_3_1 (WA#RRC4569)

Test step name	Tc_8_3_3_1: It_testbody
Reason for change	To make sure that the Utran Mobility info message is sent before the local CMAC reconfigurations takes place.
Summary of change	Added +ts_RRC_Delay(30) after line 15.
Source of change	New change
Label	WA#RRC4569

15		AM1RLC_AM_DATA_REQ (tvc_CellInfoA.uRNTI=c_U_RNTI_1, tvc_CellInfoA.cRNTI := tsc_CRNTI_Id2)	cas_RRC_UtranMobilityInfo(tsc_CellDedicated, tsc_RB2, cds_UTRAN_MobilityInfoTimer (tvc_RRC_TI, tvc_CellIndInfo.dl_IntegrityChec kinfo, c_U_RNTI_1, tsc_CRNTI_Id2))		Step 2. SS sends UTRAN MOBILITY INFORMATION message to allocate new ID @sic Jitendra CR# T1-301841 sic@
16		+ts_RRC_Delay(30)			VVA#RRC4569
17		+ts_CMAC_NewU_RNTI_Reconf (tsc_CellA, tvc_CellInfoA.uRNTI, tvc_CellInfoA.cRNTI)			@sic Jitendra CR# T1-301841 sic@
18		START t_WaitS			

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1147 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Corrections to release of SS resources for a cell during test case execution		
Source:	# Racal Instruments Wireless Solutions, an Aeroflex Company		
Work item code:	# TEI	Date:	# 25/10/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Test case implementations inform an SS when resources associated with a cell are to be released, via a single test step ts_SS_Rel. As implemented, ts_SS_Rel assumes too much about SS resource release implementation, and does not explicitly request all resources for a cell to be released.
Summary of change:	# Extra steps have been added to test step ts_SS_Rel to explicitly request release of all SS resources for a cell. 1 test step modification and 2 new constraints.
Consequences if not approved:	# Releasing of cell resources during test script execution may cause inconsistent behaviour across all SS implementations.

Clauses affected:	#												
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # 34.123-3 <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">X</td> <td style="width: 20px; text-align: center;">#</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Test specifications <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">#</td> <td style="width: 20px; text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> O&M Specifications	Y	N	#	X	X	#	#	X	#	X	#	X
Y	N												
#	X												
X	#												
#	X												
#	X												
#	X												
Other comments:	# No impact on 34.123-1.												

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1 - Test Step - ts_SS_Rel : : It_Release_BCCH

Summary of change CPHY_Cell_Release_REQ with suitable constraint is sent to SS. The SS confirms the cell has been released by sending CPHY_Cell_Release_CNF.

Reason For change The test step ts_SS_Rel as implemented, assumes too much about SS resource release implementation. Resources of a cell are explicitly released in the test step, but the cell itself is not explicitly released.

With the change to It_Release_BCCH, the SS is explicitly told that a cell is to be fully released, and is given the opportunity to release any remaining resources mapped to the cell.

From:

It_Release_BCCH	
335	+ ts_CRLC_Rel (p_CellId , tsc_RB_BCCH)
336	+ ts_CMAC_Rel (p_CellId , tsc_P_CCPCH)
337	+ ts_CPHY_TrChRelNonDch (p_CellId , tsc_P_CCPCH)
338	+ ts_SS_StopRL (p_CellId , tsc_S_SCH)
339	+ ts_SS_StopRL (p_CellId , tsc_P_SCH)
340	+ ts_SS_StopRL (p_CellId , tsc_P_CCPCH)
341	+ ts_SS_StopRL (p_CellId , tsc_P_CPICH)

To:

It_Release_BCCH		
335	+ ts_CRLC_Rel (p_CellId , tsc_RB_BCCH)	
336	+ ts_CMAC_Rel (p_CellId , tsc_P_CCPCH)	
337	+ ts_CPHY_TrChRelNonDch (p_CellId , tsc_P_CCPCH)	
338	+ ts_SS_StopRL (p_CellId , tsc_S_SCH)	
339	+ ts_SS_StopRL (p_CellId , tsc_P_SCH)	
340	+ ts_SS_StopRL (p_CellId , tsc_P_CCPCH)	
341	+ ts_SS_StopRL (p_CellId , tsc_P_CPICH)	
342	CPHY?CPHY_Cell_Release_REQ	ca_CPHY_CellRel (p_CellId)
343	CPHY?CPHY_Cell_Release_CNF	ca_CPHY_CellRelCnf (p_CellId)

Change 2 ñ New Constraint ñ ca_CPHY_CellRel

Summary of change A new constraint to be used with CPHY_Cell_Release_REQ. Resources only for Cell id = p_CellID will be released, hence Soft Reset equals FALSE.

ASN.1 ASP Constraint Declaration	
Constraint Name:	ca_CPHY_CellRel (p_CellId : INTEGER)
Group:	
ASP Name:	CPHY_Cell_Release_REQ
Derivation Path:	
Comments:	
Constraint Value	
<pre>{ soft_Reset FALSE, cell_ID_List { p_CellId } }</pre>	

Change 3 ñ New Constraint ñ ca_CPHY_CellRelCnf

Summary of change A new constraint to be used with CPHY_Cell_Release_CNF, confirming Cell resource has been released.

ASN.1 ASP Constraint Declaration	
Constraint Name:	ca_CPHY_CellRelCnf (p_CellId : INTEGER)
Group:	
ASP Name:	CPHY_Cell_Release_CNF
Derivation Path:	
Comments:	

Constraint Value
<pre>{ soft_Reset FALSE, cell_ID_List { p_CellId } }</pre>

CHANGE REQUEST

34.123-3 CR 1148 # rev **-** # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to approved RRC Package 1 8.3.1.1		
Source:	# Nokia UK and Anritsu		
Work item code:	# N/A	Date:	# 19/10/2004
Category:	# F	Release:	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2	(GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96	(Release 1996)
	B (addition of feature),	R97	(Release 1997)
	C (functional modification of feature)	R98	(Release 1998)
	D (editorial modification)	R99	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# It_TestBody, line 27 -- just after step 4b, which is to send a new C-RNTI in Cell Update Confirm to the UE from cell B, the MAC is reconfigured with the new UE-ID. Although C-RNTI is cleared in the UE when reselecting, U-RNTI is not. Therefore the value of tcv_CellInfoA.uRNTI needs to be passed to the configuration, instead of tcv_CellInfoB.uRNTI which is OMIT. Either this or tcv_CellInfoB.uRNTI needs to be assigned the same value as cell a U-RNTI before reconfiguring MAC.
Summary of change:	# It_TestBody, line 27 -- just after step 4b, which is to send a new C-RNTI in Cell Update Confirm to the UE from cell B, the MAC is reconfigured with the new UE-ID. Although C-RNTI is cleared in the UE when reselecting, U-RNTI is not. Therefore the value of tcv_CellInfoA.uRNTI needs to be passed to the configuration, instead of tcv_CellInfoB.uRNTI which is OMIT. Either this or tcv_CellInfoB.uRNTI needs to be assigned the same value as cell a U-RNTI before reconfiguring MAC.
Consequences if not approved:	# Testcase fails as U-RNTI is not passed into the configuration.

Clauses affected:	# tc_8_3_1_1							
Other specs affected:	#	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px; text-align: center;">#</td> <td style="padding: 2px; text-align: center;">X</td> </tr> </table>	Y	N	#	X	Other core specifications	#
	Y	N						
	#	X						
#	X	Test specifications	#					
#	X	O&M Specifications	#					
Other comments:	# Affects R99, Rel4 and Rel5 UEs.							

How to create CRs using this form:

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Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test Step	tc_8_3_1_1
Reason for change	It_TestBody, line 27 -- just after step 4b, which is to send a new C-RNTI in Cell Update Confirm to the UE from cell B, the MAC is reconfigured with the new UE-ID. Although C-RNTI is cleared in the UE when reselecting, U-RNTI is not. Therefore the value of tcv_CellInfoA.uRNTI needs to be passed to the configuration, instead of tcv_CellInfoB.uRNTI which is OMIT. Either this or tcv_CellInfoB.uRNTI needs to be assigned the same value as cell a U-RNTI before reconfiguring MAC.
Summary of change	It_TestBody, line 27 -- just after step 4b, which is to send a new C-RNTI in Cell Update Confirm to the UE from cell B, the MAC is reconfigured with the new UE-ID. Although C-RNTI is cleared in the UE when reselecting, U-RNTI is not. Therefore the value of tcv_CellInfoA.uRNTI needs to be passed to the configuration, instead of tcv_CellInfoB.uRNTI which is OMIT. Either this or tcv_CellInfoB.uRNTI needs to be assigned the same value as cell a U-RNTI before reconfiguring MAC.
Source of change	New change

BEFORE:

25		UM!RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellInfoA.dl_IntegrityCheckInfo, tcv_RRC_TI, OMIT, tcv_CellInfoB.cRNTI, cell_FACH, OMIT, OMIT, OMIT))		Step 4b . SS send CELL UPDATE CONFIRM
26		+ts_RRC_Delay (30)			@sic OG 10/08/04 ER1927 sic@
27		+ts_CMAC_NewU_RNTI_Reconf(tsc_CellB, tcv_CellInfoB.uRNTI, tcv_CellInfoB.cRNTI)		I	SS reconfiguration

AFTER:

25		UM!RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellInfoA.dl_IntegrityCheckInfo, tcv_RRC_TI, OMIT, tcv_CellInfoB.cRNTI, cell_FACH, OMIT, OMIT, OMIT))		Step 4b . SS send CELL UPDATE CONFIRM
26		+ts_RRC_Delay (30)			@sic OG 10/08/04 ER1927 sic@
27		+ts_CMAC_NewU_RNTI_Reconf(tsc_CellB, tcv_CellInfoA.uRNTI, tcv_CellInfoB.cRNTI)			SS reconfiguration

CHANGE REQUEST

34.123-3 CR 1149 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to approved RRC Package 4 TC 8.2.6.11		
Source:	# Anite		
Work item code:	# N/A	Date:	# 18/10/2004
Category:	# F	Release:	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	
	B (addition of feature),	R97 (Release 1997)	
	C (functional modification of feature)	R98 (Release 1998)	
	D (editorial modification)	R99 (Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# At Step 6 the UE is waiting for the Physical channel reconfiguration failure message. If UE does not send the message the test runs till the guard timer expires and an Inconclusive verdict is assigned.
Summary of change:	# In the test body at line 19, a timer for 15 seconds is started. If the UE sends the Physical Channel Reconfiguration Failure message with in the timer expiry, then a pass verdict is assigned else a fail verdict is assigned.
Consequences if not approved:	# Testcase waits for guard timer expiry if the Physical channel reconfiguration failure message is not received by TTCN.

Clauses affected:	# tc_8_2_6_11						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications	Y	N	#	X	#	
Y	N						
#	X						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Test specifications	#	X	#			
#	X						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> O&M Specifications	#	X	#			
#	X						
Other comments:	# Affects R99, Rel4 and Rel5 UEs.						

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downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test Step	tc_8_2_6_11
Reason for change	At Step 6 the UE is waiting for the Physical channel reconfiguration failure message. If UE does not send the message the test runs till the guard timer expires and an Inconclusive verdict is assigned.
Summary of change	In the test body at line 19, a timer for 15 seconds is started. If the UE sends the Physical Channel Reconfiguration Failure message with in the timer expiry, then a pass verdict is assigned else a fail verdict is assigned.
Source of change	New change

Before:

19		START t_T312			
20	TBP3	? TIMEOUT t_T312		(P)	After expiry of T312
21	TBP4	AM ? RLC_AM_DATA_IND	car_PhyChReconfFail (tsc_CellDedicated, tsc_RB2, cbr_108_PhyChReconfFail (tcv_RRC_TI, physicalChannelFailure : NULL))	(P)	Step 6

After:

19		START t_T312, START t_WaitS			
20	TBP3	? TIMEOUT t_T312		(P)	After expiry of T312
21		? TIMEOUT t_WaitS		(F)	
22	TBP4	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_PhyChReconfFail (tsc_CellDedicated, tsc_RB2, cbr_108_PhyChReconfFail (tcv_RRC_TI, physicalChannelFailure : NULL))	(P)	Step 6

3GPP TSG-T1 Meeting #25
 Malta, 2nd - 5th Nov ñ 2004

Tdoc ¶ T1s040666

CR-Form-v7	
CHANGE REQUEST	
¶ 34.123-3 CR 1150 ¶ rev - ¶	Current version: 3.7.0 ¶

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ¶ symbols.

Proposed change affects: UICC apps ¶ ME Radio Access Network ¶ Core Network ¶

Title:	¶ Regression test error corrections to TTCN deliveries of wk40		
Source:	¶ MCC task160		
Work item code:	¶ N/A	Date:	¶ 15/10/2004
Category:	¶ F	Release:	¶ R99
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	¶ TTCN regression tests to iWD-TVB2003-03_D04wk40 took place. A number of error reports were received. The error corrections were undertaken in iWD-wk42, in order to get the concerned TCs working. This CR includes the error list for the necessary changes so that the changes are documented.
Summary of change:	¶ An Excell sheet ErrorList_wk40.xls is included. The list can also be found in the TTCN deliveries iWD-TVB2003-03_D04wk42.
Consequences if not approved:	¶ The TTCN corrections would not have the documentations for validation.

Clauses affected:	¶										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">¶</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">¶</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">¶</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	¶	X	¶	X	¶	X	Other core specifications ¶ Test specifications ¶ O&M Specifications ¶	¶
Y	N										
¶	X										
¶	X										
¶	X										
Other comments:	¶										

CHANGE REQUEST

⌘ **34.123-3 CR 1151** ⌘ rev **1** ⌘ Current version: **3.7.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Correction of GCF P1 test case 7.2.3.14		
Source:	⌘ R&S		
Work item code:	⌘ N/A	Date:	⌘ 12/10/2004
Category:	⌘ F	Release:	⌘ R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	⌘ To correct GCF P1 test case 7.2.3.14
	The test case is written in such a way that Data PDUs are sent per TTI, and STATUS PDUs are being sent whenever needed, irrespective of the TTI. If the SS is sending PDUs very quickly then more than 1 PDU may be available for sending per TTI. This may lead to a message loss.
Summary of change:	⌘ 2 tables modified
	The test case is rewritten in such a way that Data PDUs are sent per TTI only if there is no STATUS PDU available for sending. When the sending of a STATUS PDU is triggered by a received PDU, this is noted but sending is performed only in the subsequent TTI, eventually forcing a Data PDU to wait. As a consequence per TTI either a Data PDU or a STATUS PDU is sent.
Consequences if not approved:	⌘ Test case may fail conformant UE.

Clauses affected:	⌘ N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications Test specifications O&M Specifications	⌘
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Other comments:	⌘										

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1

Test Case	tc_7_2_3_14
Reason for change	The test case is written in such a way that Data PDUs are sent per TTI, and STATUS PDUs are being sent whenever needed, irrespective of the TTI. If the SS is sending PDUs very quickly then more than 1 PDU may be available for sending per TTI. This may lead to a message loss
Summary of change	The test case is rewritten in such a way that Data PDUs are sent per TTI only if there is no STATUS PDU available for sending. When the sending of a STATUS PDU is triggered by a received PDU, this is noted (tcv_StatusToBeSent) but sending is performed only in the subsequent TTI, eventually forcing a Data PDU to wait. As a consequence per TTI either a Data PDU or a STATUS PDU is sent.

Before:

It_TxAndRx(p_W: INTEGER)				
18		TM ? RxAMD (tcv_AMD_PDU := RxAMD.data)	car_DataInd(tsc_RB_AM_7_RLC, cr_AMD_LI_Data(c_LIs1_7BitLI(tcv_PayloadSize - 1), tcv_AM_RxData.data))	5
19		+It_UpdateVars(p_W)		6
20	TBF1	TM ? RxAMD (tcv_AMD_PDU := RxAMD.data)	car_DataInd(tsc_RB_AM_7_RLC, cr_AMD_Any)	(F) 7
21		+It_UpdateVars(p_W)		6
22		TM ? RxStatus (tcv_StatusPDU := RxStatus.data)	car_StatusInd(tsc_RB_AM_7_RLC)	8
23		+It_CheckStatus(p_W)		@sic EW CR T1-031791 sic@
24		(tcv_StatusReceived := TRUE)		@sic EW CR T1-031791 sic@
25		? TIMEOUT t_TTI		4
26		+It_PrepareForTx(p_W)		9
27		[tcv_TxOK]		
28		+ts_TxAM_7_PRBS(tcv_Poll, c_LIs1_7BitLI(tcv_PayloadSize - 1), tcv_PayloadSize - 1) (tcv_SDU_Num := tcv_SDU_Num + 1)		
29				
30		START t_TTI		4
31		[TRUE]		10
32		START t_TTI		4

It_ChkPollBitAndStatus(p_W: INTEGER)				
56		[tcv_NumPDUsRx MOD p_W = 0]		17
57	TBF2	[tcv_AMD_PDU.pollingBit = tsc_P_NoPoll]		(F) 17
58		[tcv_AMD_PDU.pollingBit = tsc_P_Poll]		18
59		TM ! TxStatus	cas_StatusReq(tsc_RB_AM_7_RLC, cs_SF_Ack(tcv_AM_VRR), (2 * (tcv_PayloadSize + 2)) - 5)	18
60		[tcv_AMD_PDU.pollingBit = tsc_P_Poll]		18
61		TM ! TxStatus	cas_StatusReq(tsc_RB_AM_7_RLC, cs_SF_Ack(tcv_AM_VRR), (2 * (tcv_PayloadSize + 2)) - 5)	18
62		[TRUE]		17

After:

It_TxAndRx(p_W: INTEGER)			
18	TM ? RxAMD (tcv_AMD_PDU := RxAMD.data)	car_DataInd(tsc_RB_AM_7_RLC, cr_AMD_LI_Data(c_LIs1_7BitLI(tcv_PayloadSize - 1), tcv_AM_RxData.data))	5
19	+It_UpdateVars(p_W)		6
20	TBF1 TM ? RxAMD (tcv_AMD_PDU := RxAMD.data)	car_DataInd(tsc_RB_AM_7_RLC, cr_AMD_Any)	(F) 7
21	+It_UpdateVars(p_W)		6
22	TM ? RxStatus (tcv_StatusPDU := RxStatus.data)	car_StatusInd(tsc_RB_AM_7_RLC)	8 @sic EW CR T1-031791 sic@
23	+It_CheckStatus(p_W)		@sic EW CR T1-031791 sic@
24	(tcv_StatusReceived := TRUE)		
25	? TIMEOUT L TTI		4
26	(tcv_StatusToBeSent = TRUE)		18a @sic T1s040660 sic@
27	TM ! TxStatus	cas_StatusReq(tsc_RB_AM_7_RLC, cs_SF_Ack(tcv_AM_VRR), (2 * (tcv_PayloadSize + 2)) - 5)	18
28	(tcv_StatusToBeSent = FALSE)		18a @sic T1s040660 sic@
29	START L TTI		4
30	(tcv_StatusToBeSent = FALSE)		18a @sic T1s040660 sic@
31	+It_PrepareForTx(p_W)		9
32	[tcv_TxOK]		
33	+ts_TxAM_7_PRBS(tcv_Poll, c_LIs1_7BitLI(tcv_PayloadSize - 1), tcv_PayloadSize - 1)		
34	(tcv_SDU_Num := tcv_SDU_Num + 1)		
35	START t_TTI		4
36	[TRUE]		10
37	START L TTI		4

It_ChkPollBitAndStatus(p_W: INTEGER)			
0	[tcv_NumPDUsRx MOD p_W = 0]		17
1	TBF2 [tcv_AMD_PDU.pollingBit = tsc_P_NoPoll]		(F) 17
1	[tcv_AMD_PDU.pollingBit = tsc_P_Poll]		18
2	(tcv_StatusToBeSent = TRUE)		18a @sic T1s040660 sic@
0	[tcv_AMD_PDU.pollingBit = tsc_P_Poll]		18
1	(tcv_StatusToBeSent = TRUE)		18a @sic T1s040660 sic@
0	[TRUE]		17

18a. If a STATUS PDU is to be sent upon receipt of a PollBit this is registered in variable tcv_StatusToBeSent. When the TTI has elapsed the variable is used to decide whether a STATUS PDU or a Data PDU is to be issued.

Change 2

New:

tcv_StatusToBeSent	BOOLEAN	FALSE	This variable is used as a flag to support interleaving of sending AMD Data and STATUS PDUs. This variable is set to TRUE when a STATUS PDU is to be sent, and it is reset once this has been done. Used to ensure that either AMD Data or STATUS PDU are sent per TTI. There may be only one STATUS PDU to be sent per TTI. @sic T1s040660 sic@
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CHANGE REQUEST

⌘ **34.123-3 CR 1152** ⌘ rev **1** ⌘ Current version: **3.7.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Correction of GCF P1 test case 11.1.1.1		
Source:	⌘ R&S		
Work item code:	⌘ N/A	Date:	⌘ 12/10/2004
Category:	⌘ F	Release:	⌘ R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	⌘ Correction of GCF P1 test case 11.1.1.1 The implementation of steps 9-10 of the prose has erroneously been duplicated.		
Summary of change:	⌘ 1 table modified Removed duplicated lines (29-30) and adjusted the indentation.		
Consequences if not approved:	⌘ Test case will not be aligned to the prose		

Clauses affected:	⌘ N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications Test specifications O&M Specifications	⌘
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Other comments:	⌘										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Test Case	tc_11_1_1_1
Reason for change	The implementation of steps 9-10 of the prose has erroneously been duplicated
Summary of change	Removed duplicated lines (29-30) and adjusted the indentation.

Before:

SM_TestCases	25	START_L_UpperBound(tsc_T3380max)		Step 8
Activation	26	TBP1 ?TIMEOUT_L_UpperBound		(P)
tc_11_1_1_1	27	+ts_InitialiseDlyAndTrafficClass		
tc_11_1_2	28	+ts_ModifyPDP_Context_MT_Accept_2(tcv_TI_S, tcv_LLC_SAPI_v, cs_QoS_InteractiveOrBackgroundMT_lv (tcv_DlyClass,tcv_TrafficClass))		Steps 9-10 @sic EW CR T1s040299 sic@
tc_11_1_3_1	29	+ts_InitialiseDlyAndTrafficClass		
tc_11_1_3_2	30	+ts_ModifyPDP_Context_MT_Accept_2(tcv_TI_S, tcv_LLC_SAPI_v, cs_QoS_InteractiveOrBackgroundMT_lv (tcv_DlyClass,tcv_TrafficClass))		Steps 9-10 @sic EW CR T1s040299 sic@
tc_11_1_3_3	31	TBE (tcv_TestBody=FALSE)		

After:

SM_TestCases	4	+ts_ActivatePDP_AcceptMO(tsc_CellA)		Steps 6-7
Activation	5	+ts_SM_SetLLC_SAPI		Set the value of LLC SAPI based on the UE type
tc_11_1_1_1	6	START_L_UpperBound(tsc_T3380max)		Step 8
tc_11_1_2	7	TBP1 ?TIMEOUT_L_UpperBound		(P)
tc_11_1_3_1	8	+ts_InitialiseDlyAndTrafficClass		
tc_11_1_3_2	9	+ts_ModifyPDP_Context_MT_Accept_2(tcv_TI_S, tcv_LLC_SAPI_v, cs_QoS_InteractiveOrBackgroundMT_lv (tcv_DlyClass,tcv_TrafficClass))		Steps 9-10 @sic EW CR T1s040299 sic@
tc_11_1_3_3	10	TBE (tcv_TestBody=FALSE)		

CHANGE REQUEST

⌘ **34.123-3 CR 1153** ⌘ rev **1** ⌘ Current version: **3.7.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Correction of GCF P3 SMS test cases 16.1.1, 16.1.2, 16.1.9.1, 16.1.9.2, 16.1.10, 16.2.1, 16.2.2, 16.2.10		
Source:	⌘ R&S		
Work item code:	⌘ N/A	Date:	⌘ 12/10/2004
Category:	⌘ F	Release:	⌘ R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	⌘ To correct GCF P3 test cases 16.1.1, 16.1.2, 16.1.9.1, 16.1.9.2, 16.1.10, 16.2.1, 16.2.2, 16.2.10 Reorganisation of the preamble to remove redundancies and improve handling		
Summary of change:	⌘ 8 tables modified 1. Removing redundant clearing of memory except 16.2.1 2. Shifting service initialization after IdleUpdated where applicable 3. Removing (now) unnecessary UE switch off		
Consequences if not approved:	⌘ Test case may not run as effectively as they could.		

Clauses affected:	⌘ N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications ⌘ Test specifications O&M Specifications	Y	N		X		X		X		
Y	N										
	X										
	X										
	X										
Other comments:	⌘ This CR includes changes requested by T1s040637.										

How to create CRs using this form:

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- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1:

Test Case	tc_16_1_1
Reason for change	Reorganisation of the preamble
Summary of change	<p>1 table modified in iWD-TVB2003-03_D04wk40</p> <ol style="list-style-type: none"> 1. Removing redundant clearing of memory 2. Shifting service initialization after IdleUpdated 3. Removing (now) unnecessary UE switch off

Before:

Test Case				
Test Case Id:	tc_16_1_1			
Test Group Reference:	CS_ModeI			
Purpose:	To verify the ability of a UE to receive and decode the SMS where provided for the point to point service.			
Configuration:				
Defaults:	NAS_OtherwiseFail			
Comments:	Initial Conditions of UE: -the UE shall be in MM-state "Idle, updated"; -the SMS message storage shall be empty.			
Nr	Label	Behaviour Description	Constraint Ref	Comments
1		START_L_Guard(1200)		
2		+ts_MM_PwrOrUSIM_On(tsc_USIM_NeedRmva)		Activate the UE @sic EW ER 1526 sic@
3		+tl_EmptyStorage(TRUE)		
4		(tcv_RP_OrigAddrMT='1111111111'0, tcv_TP_OrigAddr01='3333333333'0, tcv_RP_MsgRef='00'0)		
5		+ts_CC_BasicServMT_Def		6. Prepares TI for MT CC
6		+ts_InitVariables		
7		(tcv_CN_Domain = cs_domain)		@sic EW ER 1535 sic@
8		+ts_MM_StartCellA		Start cell A
9		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
10		(tcv_TI_1_S.IVal = '001'B, tcv_TI_1_R.IVal = tcv_TI_1_S.IVal, tcv_TI_1_S.IIFlag = '0'B, tcv_TI_1_R.IIFlag = '1'B)		6. Prepare TI1 for MT SMS
11		+tl_AT_Init		
12		+tl_Body		
13		+po_ConnectionAndSS_Rel(tsc_CellA)		

After:

Test Case				
Test Case Id:	tc_16_1_1			
Test Group Reference:	CS_ModeI			
Purpose:	To verify the ability of a UE to receive and decode the SMS where provided for the point to point service.			
Configuration:				
Defaults:	NAS_OtherwiseFail			
Comments:	Initial Conditions of UE: -the UE shall be in MM-state "Idle, updated"; -the SMS message storage shall be empty. @sic EW CR T13040662 sic@			
L..	Label	Behaviour Description	Constraint Ref	Comments
0		START_L_Guard(1200)		
1		(tcv_RP_OrigAddrMT='1111111111'0, tcv_TP_OrigAddr01='3333333333'0, tcv_RP_MsgRef='00'0)		
2		+ts_InitVariables		
3		(tcv_CN_Domain = cs_domain)		@sic EW ER 1535 sic@
4		+ts_MM_StartCellA		Start cell A
5		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
6		+ts_CC_BasicServMT_Def		6. Prepares TI for MT CC
7		(tcv_TI_1_S.IVal = '001'B, tcv_TI_1_R.IVal = tcv_TI_1_S.IVal, tcv_TI_1_S.IIFlag = '0'B, tcv_TI_1_R.IIFlag = '1'B)		6. Prepare TI1 for MT SMS
8		+tl_AT_Init		
9		+tl_Body		
10		+po_ConnectionAndSS_Rel(tsc_CellA)		

Change 2:

Test Case	tc_16_1_2
Reason for change	Reorganisation of the preamble
Summary of change	<p>1 table modified in iWD-TVB2003-03_D04wk40</p> <ol style="list-style-type: none"> 1. Removing redundant clearing of memory 2. Shifting service initialization after IdleUpdated 3. Removing (now) unnecessary UE switch off

Before:

Test Case				
Test Case Id:		tc_16_1_2		
Test Group Reference:		CS_ModeI		
Purpose:		To verify that the UE is able to correctly send a short message where the SMS is provided for the point to point service.		
Configuration:				
Defaults:		NAS_OtherwiseFail		
Comments:		Initial Conditions of UE: -the UE shall be in MM-state "Idle, updated"; -the SMS message storage shall be empty.		
Nr	Label	Behaviour Description	Constraint Ref	Comments
1		START_T_Guard(1200)		
2		+ts_MM_PwrOnUSIM_On(tsc_USIM_NeedPwr)		Activate the UE @sic EWER 1526 sic@
3		+ts_AT_EmptyMsgStorage		
4		(tcv_RP_OrigAddrMT='1111111111'0, tcv_TP_OrigAddr01='5555555555'0)		
5		+ts_CC_BasicServMT_Def		6. Prepares TI for MT CC
6		+ts_InitVariables		
7		(tcv_CN_Domain =cs_domain)		@sic EWER 1535 sic@
8		+ts_MM_StartCellA		Start cell A
9		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
10		(tcv_TL1_S.tival = '000'B, tcv_TL1_R.tival = '000'B, tcv_TL1_S.tiflag = '1'B, tcv_TL1_R.tiflag = '0'B)		6. Prepare TI1 for MO SMS @sic EWER 1985 sic@
11		+it_AT_Init		
12		+it_Body		
13		+po_ConnectionAndSS_Rel(tsc_CellA)		

After:

Test Case				
Test Case Id:		tc_16_1_2		
Test Group Reference:		CS_ModeI		
Purpose:		To verify that the UE is able to correctly send a short message where the SMS is provided for the point to point service.		
Configuration:				
Defaults:		NAS_OtherwiseFail		
Comments:		Initial Conditions of UE: -the UE shall be in MM-state "Idle, updated"; -the SMS message storage shall be empty. @sic EW CR T1 s04062 sic@		
...	Label	Behaviour Description	Constraint Ref	Comments
0		START_T_Guard(1200)		
1		(tcv_RP_OrigAddrMT='1111111111'0, tcv_TP_OrigAddr01='5555555555'0)		
2		+ts_InitVariables		
3		(tcv_CN_Domain =cs_domain)		@sic EWER 1535 sic@
4		+ts_MM_StartCellA		Start cell A
5		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
6		+ts_CC_BasicServMT_Def		6. Prepares TI for MT CC @sic EWER 1985 sic@
7		(tcv_TL1_S.tival = '000'B, tcv_TL1_R.tival = '000'B, tcv_TL1_S.tiflag = '1'B, tcv_TL1_R.tiflag = '0'B)		6. Prepare TI1 for MO SMS @sic EWER 1985 sic@
8		+it_AT_Init		
9		+it_Body		
10		+po_ConnectionAndSS_Rel(tsc_CellA)		

Change 3:

Test Case	tc_16_1_9_1
Reason for change	Reorganisation of the preamble
Summary of change	1 table modified in iWD-TVB2003-03_D04wk40 1. Removing redundant clearing of memory 2. Removing (now) unnecessary UE switch off

Before:

Test Case				
Test Case Id: tc_16_1_9_1				
Test Group Reference: CS_Mode/				
Purpose: To verify that the UE is able to correctly send multiple short messages on the same RRC connection when using a DCCH				
Configuration:				
Defaults: NAS_OtherwiseFail				
Comments: Initial Conditions of UE: -the UE shall be in MM-state "Idle, updated"; -the SMS message storage shall be empty.				
Nr	Label	Behaviour Description	Constraint Ref	Comments
1		START Guard(1200)		
2		+ts_MM_PwrOrUSIM_On(tsc_USIM_NeedRm)		Activate the UE @sic EWER 1526 sic@
3		+ts_AT_EmptyMsgStorage		
4		(tcv_RP_OrigAddrMT="1111111111"O, tcv_TP_OrigAddr01="5555555555"O)		
5		+ts_InitVariables		
6		(tcv_CN_Domain:=cs_domain)		@sic EWER 1535 sic@
7		+ts_MM_StartCellA		Start cell A
8		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
9		+tl_AT_Init		
10		+tl_Body		
11		+po_ConnectionAndSS_Rel(tsc_CellA)		

After:

Test Case				
Test Case Id: tc_16_1_9_1				
Test Group Reference: CS_Mode/				
Purpose: To verify that the UE is able to correctly send multiple short messages on the same RRC connection when using a DCCH				
Configuration:				
Defaults: NAS_OtherwiseFail				
Comments: Initial Conditions of UE: -the UE shall be in MM-state "Idle, updated"; -the SMS message storage shall be empty. @sic EW CR T1 s040662 sic@				
...	Label	Behaviour Description	Constraint Ref	Comments
0		START Guard(1200)		
1		(tcv_RP_OrigAddrMT="1111111111"O, tcv_TP_OrigAddr01="5555555555"O)		
2		+ts_InitVariables		
3		(tcv_CN_Domain:=cs_domain)		@sic EWER 1535 sic@
4		+ts_MM_StartCellA		Start cell A
5		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
6		+tl_AT_Init		
7		+tl_Body		
8		+po_ConnectionAndSS_Rel(tsc_CellA)		

Change 4:

Test Case	tc_16_1_9_2
Reason for change	Reorganisation of the preamble
Summary of change	<p>1 table modified in iWD-TVB2003-03_D04wk40</p> <ol style="list-style-type: none"> 1. Removing redundant clearing of memory 2. Shifting service initialization after IdleUpdated 3. Removing (now) unnecessary UE switch off

Before:

Test Case				
Test Case Id:		tc_16_1_9_2		
Test Group Reference:		CS_Mode/		
Purpose:		To verify that the UE is able to correctly concatenate multiple short messages on the same RRC connection when sent parallel to a call.		
Configuration:				
Defaults:		NAS_OtherwiseFail		
Comments:		Initial Conditions of UE: -the UE shall be in MM-state "Idle, updated"; -the SMS message storage shall be empty.		
Nr	Label	Behaviour Description	Constraint Ref	Comments
1		START_t_Guard(1200)		
2		+ts_MM_PwrOnUSIM_On(tsc_USIM_NeedRrm)		Activate the UE @sic EWER 1526 sic@
3		+ts_AT_EmptyMsgStorage		
4		(tcv_RP_OrigAddrMT='1111111111'0, tcv_TP_OrigAddr01='5555555555'0)		
5		+ts_CC_BasicServMT_Def		4. Prepares TI for MT CC
6		+ts_InitVariables		
7		(tcv_CN_Domain :=cs_domain)		@sic EWER 1535 sic@
8		+ts_MM_StartCellA		Start cell A
9		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
10		+It_AT_Init		
11		+It_Body		
12		+po_ConnectionAndSS_Rel(tsc_CellA)		

After:

Test Case				
Test Case Id:		tc_16_1_9_2		
Test Group Reference:		CS_Mode/		
Purpose:		To verify that the UE is able to correctly concatenate multiple short messages on the same RRC connection when sent parallel to a call.		
Configuration:				
Defaults:		NAS_OtherwiseFail		
Comments:		Initial Conditions of UE: -the UE shall be in MM-state "Idle, updated"; -the SMS message storage shall be empty. @sic EWER CR TI s040662 sic@		
...	Label	Behaviour Description	Constraint Ref	Comments
0		START_t_Guard(1200)		
1		(tcv_RP_OrigAddrMT='1111111111'0, tcv_TP_OrigAddr01='5555555555'0)		
2		+ts_InitVariables		
3		(tcv_CN_Domain :=cs_domain)		@sic EWER 1535 sic@
4		+ts_MM_StartCellA		Start cell A
5		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
6		+ts_CC_BasicServMT_Def		4. Prepares TI for MT CC
7		+It_AT_Init		
8		+It_Body		
9		+po_ConnectionAndSS_Rel(tsc_CellA)		

Change 5:

Test Case	tc_16_1_10
Reason for change	Reorganisation of the preamble
Summary of change	<p>1 table modified in iWD-TVB2003-03_D04wk40</p> <ol style="list-style-type: none"> 1. Removing redundant clearing of memory 2. Shifting service initialization after IdleUpdated 3. Removing (now) unnecessary UE switch off

Before:

Test Case				
Test Case Id:		tc_16_1_10		
Test Group Reference:		CS_Mode/		
Purpose:		To verify that the UE is capable of simultaneously receiving a network originated SM whilst sending a mobile originated SM.		
Configuration:				
Defaults:		NAS_OtherwiseFail		
Comments:		Initial Conditions of UE: -the UE shall be in MM-state "Idle, updated"; -the SMS message storage shall be empty.		
Nr	Label	Behaviour Description	Constraint Ref	Comments
1		START_t_Guard(1200)		
2		+ts_MM_PwrOnUSIM_On(tsc_USIM_NeedRm)		Activate the UE @sic EWER 1526 sic@
3		+ts_AT_EmptyMsgStorage		
4		(tcv_RP_OrigAddrMT="1111111111"O, tcv_TP_OrigAddr01="5555555555"O)		
5		+ts_CC_BasicServMT_Def		2. Prepares TI for MT CC
6		+ts_InitVariables		
7		(tcv_CN_Domain =cs_domain)		@sic EWER 1535 sic@
8		+ts_MM_StartCellA		Start cell A
9		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
10		(tcv_TL1_S.tVal = '000'B, tcv_TL1_R.tVal = '000'B, tcv_TL1_S.tFlag = '1'B, tcv_TL1_R.tFlag = '0'B)		2. Prepare TI1 for MO SMS @sic EWER 1985 sic@
11		+t_AT_Init		
12		+t_Body		
13		+po_ConnectionAndSS_Rel(tsc_CellA)		

After:

Test Case				
Test Case Id:		tc_16_1_10		
Test Group Reference:		CS_Mode/		
Purpose:		To verify that the UE is capable of simultaneously receiving a network originated SM whilst sending a mobile originated SM.		
Configuration:				
Defaults:		NAS_OtherwiseFail		
Comments:		Initial Conditions of UE: -the UE shall be in MM-state "Idle, updated"; -the SMS message storage shall be empty. @sic EWR CR T1 s040662 sic@		
I..	Label	Behaviour Description	Constraint Ref	Comments
0		START_t_Guard(1200)		
1		(tcv_RP_OrigAddrMT="1111111111"O, tcv_TP_OrigAddr01="5555555555"O)		
2		+ts_InitVariables		
3		(tcv_CN_Domain =cs_domain)		@sic EWER 1535 sic@
4		+ts_MM_StartCellA		Start cell A
5		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
6		+ts_CC_BasicServMT_Def		4. Prepares TI for MT CC
7		(tcv_TL1_S.tVal = '000'B, tcv_TL1_R.tVal = '000'B, tcv_TL1_S.tFlag = '1'B, tcv_TL1_R.tFlag = '0'B)		2. Prepare TI1 for MO SMS @sic EWER 1985 sic@
8		+t_AT_Init		
9		+t_Body		
10		+po_ConnectionAndSS_Rel(tsc_CellA)		

Change 6:

Test Case	tc_16_2_1
Reason for change	Reorganisation of the preamble
Summary of change	1 table modified in iWD-TVb2003-03_D04wk40 1. Removing (now) unnecessary UE switch off

Before:

Test Case				
Test Case Id:		tc_16_2_1		
Test Group Reference:		PS_Mode/		
Purpose:		To verify the ability of a UE to receive and decode the SMS where provided for the point to point service.		
Configuration:				
Defaults:		NAS_OtherwiseFail		
Comments:		Initial Conditions of UE: -the UE shall be in GMM-state "GMM-Registered"; -the SMS message storage shall be empty. @sic EW CR T1s040497 sic@		
Nr	Label	Behaviour Description	Constraint Ref	Comments
1		START1_Guard(1200)		
2		+ts_MM_PwrOrUSIM_On(tsc_USIM_NeedRmv)		Activate the UE @sic EW ER 1526 sic@
3		(tcv_RP_OrigAddrMT='1111111111'0, tcv_TP_OrigAddr01='3333333333'0, tcv_RP_MsgRef='00'0)		
4		+ts_RRC_InitVariablesPS(cell_DCH)		@sic EW CR T1s040313 draft sic@
5		(tcv_CN_Domain=ps_domain)		@sic EW ER 1535 sic@
6		+ts_MM_StartCellA		Start cell A
7		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
8		(tcv_TL1_S.tlVal='001'B, tcv_TL1_R.tlVal=tcv_TL1_S.tlVal, tcv_TL1_S.tlFlag='0'B, tcv_TL1_R.tlFlag='1'B)		6. Prepare T11 for MT SMS @sic EW CR T1s040313 draft sic@
9		+tl_AT_Init		
10		+tl_Body		
11		+po_ConnectionAndSS_Rel(tsc_CellA)		

After:

Test Case				
Test Case Id:		tc_16_2_1		
Test Group Reference:		PS_Mode/		
Purpose:		To verify the ability of a UE to receive and decode the SMS where provided for the point to point service.		
Configuration:				
Defaults:		NAS_OtherwiseFail		
Comments:		Initial Conditions of UE: -the UE shall be in GMM-state "GMM-Registered"; -the SMS message storage shall be empty. @sic EW CR T1s040497 sic@ @sic EW CR T1s040662 sic@		
I..	Label	Behaviour Description	Constraint Ref	Comments
0		START1_Guard(1200)		
1		(tcv_RP_OrigAddrMT='1111111111'0, tcv_TP_OrigAddr01='3333333333'0, tcv_RP_MsgRef='00'0)		
2		+ts_RRC_InitVariablesPS(cell_DCH)		@sic EW CR T1s040313 draft sic@
3		(tcv_CN_Domain=ps_domain)		@sic EW ER 1535 sic@
4		+ts_MM_StartCellA		Start cell A
5		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
6		(tcv_TL1_S.tlVal='001'B, tcv_TL1_R.tlVal=tcv_TL1_S.tlVal, tcv_TL1_S.tlFlag='0'B, tcv_TL1_R.tlFlag='1'B)		6. Prepare T11 for MT SMS @sic EW CR T1s040313 draft sic@
7		+tl_AT_Init		
8		+tl_Body		
9		+po_ConnectionAndSS_Rel(tsc_CellA)		

Change 7:

Test Case	tc_16_2_2
Reason for change	Reorganisation of the preamble
Summary of change	1 table modified in iWD-TVB2003-03_D04wk40 1. Removing redundant clearing of memory 2. Removing (now) unnecessary UE switch off

Before:

Test Case				
Test Case Id:		tc_16_2_2		
Test Group Reference:		PS_Mode/		
Purpose:		To verify that the UE is able to correctly send a short message where the SMS is provided for the point to point service.		
Configuration:				
Defaults:		NAS_OtherwiseFail		
Comments:		Initial Conditions of UE: -the UE shall be in GMM-state "GMM-Registered"; -the SMS message storage shall be empty.		
Nr	Label	Behaviour Description	Constraint Ref	Comments
1		START t_Guard(1200)		
2		+ts_MM_PwrOnUSIM_On(tc_USIM_NeedRrm)		Activate the UE @sic EW ER 1526 sic@
3		+ts_AT_ErshMsgStorage		
4		(tcv_RP_OrigAddrMT='1111111111'0, tcv_TP_OrigAddr01='5555555555'0)		
5		+ts_RRC_InitVariablesPS(cell_DCH)		@sic EW CR T1 s040315 draft sic@
6		(tcv_CN_Domain =ps_domain)		@sic EW ER 1535 sic@
7		+ts_MM_StartCellA		Start cell A
8		+ts_IdleUpdated(tc_CellA)		Idle Updated on Cell A
9		+ts_SMS_InitTI		6. Initialize TIs to be used
10		+tl_AT_Init		
11		+tl_Body		
12		+po_ConnectionAndSS_Rel(tc_CellA)		

After:

Test Case				
Test Case Id:		tc_16_2_2		
Test Group Reference:		PS_Mode/		
Purpose:		To verify that the UE is able to correctly send a short message where the SMS is provided for the point to point service.		
Configuration:				
Defaults:		NAS_OtherwiseFail		
Comments:		Initial Conditions of UE: -the UE shall be in GMM-state "GMM-Registered"; -the SMS message storage shall be empty. @sic EW CR T1 s040662 sic@		
...	Label	Behaviour Description	Constraint Ref	Comments
0		START t_Guard(1200)		
1		(tcv_RP_OrigAddrMT='1111111111'0, tcv_TP_OrigAddr01='5555555555'0)		
2		+ts_RRC_InitVariablesPS(cell_DCH)		@sic EW CR T1 s040315 draft sic@
3		(tcv_CN_Domain =ps_domain)		@sic EW ER 1535 sic@
4		+ts_MM_StartCellA		Start cell A
5		+ts_IdleUpdated(tc_CellA)		Idle Updated on Cell A
6		+ts_SMS_InitTI		6. Initialize TIs to be used
7		+tl_AT_Init		
8		+tl_Body		
9		+po_ConnectionAndSS_Rel(tc_CellA)		

Change 8:

Test Case	tc_16_2_10
Reason for change	Reorganisation of the preamble
Summary of change	1 table modified in iWD-TVB2003-03_D04wk40 1. Removing redundant clearing of memory 2. Removing (now) unnecessary UE switch off

Before:

Test Case				
Test Case Id:	tc_16_2_10			
Test Group Reference:	PS_Mode/			
Purpose:	To verify that the UE is capable of simultaneously receiving a network originated SM whilst sending a mobile originated SM.			
Configuration:				
Defaults:	NAS_OtherwiseFail			
Comments:	Initial Conditions of UE: -the UE shall be in GMM-state "GMM-Registered"; -the SMS message storage shall be empty.			
Nr	Label	Behaviour Description	Constraint Ref	Comments
1		START:Guard(1200)		
2		+ts_MM_PwrOrUSIM_On(tsc_USIM_NeedRmvr)		Activate the UE @sic EW ER 1526 sic@
3		+ts_AT_EmptyMsgStorage		
4		(tcv_RP_OrigAddrMT="1111111111"O, tcv_TP_OrigAddr01="5555555555"O)		
5		+ts_RRC_InitVariablesPS(cell_DCH)		@sic EW CR T1s040317 sic@
6		(tcv_CN_Domain :=ps_domain)		@sic EW ER 1535 sic@
7		+ts_MM_StartCellA		Start cell A
8		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
9		+ts_SMS_InitTI		2. Initialize TIs to be used
10		+t_AT_Init		
11		+t_Body		
12		+po_ConnectionAndSS_Rel(tsc_CellA)		

After:

Test Case				
Test Case Id:	tc_16_2_10			
Test Group Reference:	PS_Mode/			
Purpose:	To verify that the UE is capable of simultaneously receiving a network originated SM whilst sending a mobile originated SM.			
Configuration:				
Defaults:	NAS_OtherwiseFail			
Comments:	Initial Conditions of UE: -the UE shall be in GMM-state "GMM-Registered"; -the SMS message storage shall be empty. @sic EW CR T1s040662 sic@			
Nr	Label	Behaviour Description	Constraint Ref	Comments
0		START:Guard(1200)		
1		(tcv_RP_OrigAddrMT="1111111111"O, tcv_TP_OrigAddr01="5555555555"O)		
2		+ts_RRC_InitVariablesPS(cell_DCH)		@sic EW CR T1s040317 sic@
3		(tcv_CN_Domain :=ps_domain)		@sic EW ER 1535 sic@
4		+ts_MM_StartCellA		Start cell A
5		+ts_IdleUpdated(tsc_CellA)		Idle Updated on Cell A
6		+ts_SMS_InitTI		2. Initialize TIs to be used
7		+t_AT_Init		
8		+t_Body		
9		+po_ConnectionAndSS_Rel(tsc_CellA)		

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1154 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Corrections Required for the wk40 ATS		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 12/10/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Errors were identified during the Wk40 ATS regression testing.
Summary of change:	# This document lists all changes required to pass certain test cases that fails during the Wk40 Regression
Consequences if not approved:	# Conformant UEis may fail these test cases

Clauses affected:	# N/A				
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications #	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications #	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications #	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other comments:	#				

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1 RAB ATS

The following WAs are necessary in order to PASS the test cases: 14.2.4, 14.2.13.1, 14.2.17, 14.2.26, 14.2.38a, 14.2.38b, 14.2.38c, 14.2.40 and 14.2.41.

1.1 cb_DL_DPCH_122_AMR (WA#RAB4490)

Test step name	cb_DL_DPCH_122_AMR
Reason for change	The change done in the RAB setup message @T1-041436 sic@ (used <code>itsc_Sfc128i</code> instead of <code>itsc_DL_DPCH1_ChC_Speechi</code> in the RAB setup message in <code>its_SendRB_SetUpDCH_Speech_DiffRM_DCH5i</code> and <code>its_SendRB_SetUpDCH_Speech</code>) must be also done for the local configuration (<code>its_SS_4DCH_Modify_1i</code> and <code>its_SS_4DCH_Modifyi</code>).
Summary of change	Used <code>itsc_Sfc128i</code> instead of <code>itsc_DL_DPCH1_ChC_Speechi</code>
Source of change	New change
Label	WA#RAB4490

ASN.1 Type Constraint Declaration	
Constraint Name:	cb_DL_DPCH_122_AMR (p_DL_CommonInformation : DL_CommonInformation; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group:	
Type Name:	DL_DPCHInfo
Derivation Path:	
Encoding Variation:	
Comments:	WA#RAB4490
Constraint Value	
<pre>{ dL_CommonInformation p_DL_CommonInformation, dL_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset ((tsc_DefaultDPCH_OffsetValue*512) MOD 38400) / 256 , -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , dl_ChannelisationCodeList1 ({ secondaryScramblingCode p_SecondaryScramblingCode, sf_Ara_CodeNumber tsc_Sfc128 }), tpc_CombinationIndex 0 }, powerOffsetOfTFCL_P01 tsc_DPCH_PowerOffsetTFCL, powerOffsetOfTPC_P02 tsc_DPCH_PowerOffsetTPC, powerOffsetOfPilot_P03 tsc_DPCH_PowerOffsetPilot, dl_TxPower tsc_DL_TxPower_DPCH, dl_TxPowerMax 15, dl_TxPowerMin -35 }</pre>	

1.2 cb_DL_DPCH_64K_PS (WA#RAB4491)

Test step name	cb_DL_DPCH_64K_PS
Reason for change	The change done in the RAB setup message @T1-041436 sic@ (used <code>itsc_Sfc32i</code> instead of <code>itsc_DL_DPCH1_ChC_64k_PSi</code> in the RAB setup message in <code>its_SendRB_SetUpDCH_64k_PSi</code>) must be also done for the local configuration (constraint <code>icb_DL_DPCH_64K_PSi</code>).
Summary of change	Used <code>itsc_Sfc32i</code> instead of <code>itsc_DL_DPCH1_ChC_64k_PSi</code>
Source of change	New change
Label	WA#RAB4491

ASN.1 Type Constraint Declaration	
Constraint Name:	cb_DL_DPCH_64K_PS (p_DL_CommonInformation : DL_CommonInformation; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group:	
Type Name:	DL_DPCHInfo
Derivation Path:	
Encoding Variation:	
Comments:	WA#RAB4491
Constraint Value	
<pre> { d_CommonInformation p_DL_CommonInformation, d_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset ((tsc_DefaultDPCH_OffsetValue*512) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , d_ChannelisationCodeList { (secondaryScramblingCode p_SecondaryScramblingCode , sfc_AndCodeNumber tsc_Sfc32)}, tpc_CombinationIndex 0 }, powerOffsetOfTFCL_PO1 tsc_DPCH_PowerOffsetTFCL, powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC, powerOffsetOfPilot_PO3 tsc_DPCH_PowerOffsetPilot, d_TxPower tsc_DL_TxPower_DPCH_64k, --@sic RASH T1-041416 sic@ d_L_TxPowerMax 15, d_L_TxPowerMin -35 } </pre>	

1.3 cb_DL_DPCH_64K_CS (WA#RAB4492)

Test step name	cb_DL_DPCH_64K_CS
Reason for change	The change done in the RAB setup message @T1-041436 sic@ itsc_Sfc32i instead of itsc_DL_DPCH1_ChC_64k_CSi in the RAB setup message in its_SendRB_SetUpDCH_64k_CS_Segmentedi and its_SendRB_SetUpDCH_57_6k_CSi) must be also done for the local configuration (constraint icb_DL_DPCH_64K_CSi).
Summary of change	Used itsc_Sfc32i instead of itsc_DL_DPCH1_ChC_64k_CSi
Source of change	New change
Label	WA#RAB4492

ASN.1 Type Constraint Declaration	
Constraint Name:	cb_DL_DPCH_64K_CS (p_DL_CommonInformation : DL_CommonInformation; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group:	
Type Name:	DL_DPCHInfo
Derivation Path:	
Encoding Variation:	
Comments:	WA#RAB4492
Constraint Value	
<pre> { d_CommonInformation p_DL_CommonInformation, d_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset ((tsc_DefaultDPCH_OffsetValue*512) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , d_ChannelisationCodeList { (secondaryScramblingCode p_SecondaryScramblingCode , sfc_AndCodeNumber tsc_Sfc32)}, tpc_CombinationIndex 0 }, powerOffsetOfTFCL_PO1 tsc_DPCH_PowerOffsetTFCL, powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC, powerOffsetOfPilot_PO3 tsc_DPCH_PowerOffsetPilot, d_TxPower tsc_DL_TxPower_DPCH, d_L_TxPowerMax 15, d_L_TxPowerMin -35 } </pre>	

1.4 ts_SendRB_SetUpDCH_64k_128kPS (WA#RAB4493)

Test step name	cb_DL_DPCH_64K_CS
Reason for change	The local change done @sic T1-041438 sic@ (omitting the secondary

scrambling code in constraint ic_DL_DPCH_128Ki in its_SS_2DCH_ModifyInteractBackg_64k_128k_PSI) has to be also done in the RAB setup message.

Summary of change used "OMIT" instead of "tcv_TmpCellInfo.dl_DPCH_2ndScrCode"

Source of change New change

Label WA#RAB4493

Test Step				
Test Step Id:	ts_SendRB_SetUpDCH_64k_128kPS (p_CellId: INTEGER; p_RAB_Id: BITSTRING; p_ActTime: ActivationTime)			
Test Step Group Ref:	RB_Steps/RB_Setup/			
Objective:				
Defaults:	RRC_Def1			
Comments:	To setup a RADIO BEARER Cell_DCH_64kPS_RAB_SRB and to reconfigure the SS accordingly. This Step is used by RLC test cases. See TS 34.108 clause 6.10.2.4.1.26			
Nr	La...	Behaviour Description	Constraint Ref	Comments
1		+ts_SetTmpCellInfo (p_CellId)		
2		AM ! RLC_AM_DATA_REQ	cas_RB_SetUpAM_WithCnf(tsc_CellDedicated, tsc_RB2, tsc_Mui, cs_RRC_RB_SetUp(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, p_ActTime, cell_DCH, OMIT, c_RAB_InfoListDCH_PS_64k_NoPdcp(useT315, p_RAB_Id, c_RLC_InfoAM_Def_PS), c_UL_CommTrChInfoDCH_PS_64k, c_UL_AddReconfTransChInfoListDCH_PS_64k, c_DL_CommonTransChInfoDCH(c_TFCS_CmplID_1_2_3_4_5_6_7_8_9_Fx), c_DL_AddReconfTransChInfoListDCH_PS_64k_128k, c_DL_InformationSRB(tcv_TmpCellInfo.priScrCode, tcv_Sic16, OMIT), c_DL_CommonInformationRB_SetUp(tcv_Sfd16), cb_UL_DPCH_Info(tsc_Sfd16, pl0_96, tcv_TmpCellInfo.ul_ScramblingCode), OMIT))	@sic T1s040033 sic@ WA#RAB4493
3		AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf(tsc_CellDedicated, tsc_RB2, tsc_Mui)	
4		+ts_SS_2DCH_ModifyInteractBackg_64k_128k_PS(p_CellId, c_DCH_336_148_UL_Info(p_ActTime), c_DCH_336_8_148_DL_Info(p_ActTime), c_TrChInfoUL_336_148, c_TrChInfoDL_336_8_148(c_PowerOffsetInfoHigher64k), c_TrLogMappingUL_4DCCH_1DTCH_PS, c_TrLogMappingDL_4DCCH_1DTCH_PS, p_ActTime, c_DL_CommonInformationRB_SetUp(tcv_Sfd16), cb_UL_DPCH_Info(tsc_Sfd16, pl0_96, tcv_TmpCellInfo.ul_ScramblingCode))		@sic ER 1572 sic@
5		+ts_SS_RB20_AM_PS_Cfg(320)		payload= RLC payload + RLC header
6	TSP	+ts_RRC_ReceiveRB_SetupCmpl (p_CellId , cell_DCH_64kPS_RAB_SRB)		

CHANGE REQUEST

34.123-3 CR 1155 # rev **-** # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to Approved RRC Package 2 TC 8.2.4.3		
Source:	# Ericsson		
Work item code:	# TEI	Date:	# 11/10/2004
Category:	# F	Release:	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	#	<ol style="list-style-type: none"> 1. TC 8.2.4.3 was changed at T1#16 in T1-020533, then the testcase was changed in order to test a more likely scenario, that is rate reduction instead of change of scrambling code. To test rate reduction in a proper way it was decided to set up a Streaming CS call and then do Rate Reduction in both UL and DL for all transport channels via Transport Channel Reconfiguration. Since then the TC has been changed to do rate reduction of only SRBs instead. As the test case no longer tests what was intended in CR T1-020533 it can be simplified to use a normal CS call instead of explicitly test CS streaming. 2. The TC has several times been validated using the CS Conversational path instead of CS Streaming, therefore it is necessary to change the TC so it can be correctly validated. Prose for TC will be changed in T1-041526 at T1#25.
Summary of change:	#	TC simplified to use the normal +ts_RRC_InitVariables instead of a local test step. New constraint introduced to handle Transport Channel Reconfiguration for speech.
Consequences if not approved:	#	TC will not be consistent with prose, and it might fail a conformant UE.

Clauses affected:	#	tc_8_2_4_3				
Other specs	#	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;"> </td> </tr> </table> Other core specifications #	Y	N	X	
Y	N					
X						

affected:

<input checked="" type="checkbox"/>	Test specifications
<input checked="" type="checkbox"/>	O&M Specifications

Other comments: ⌘ Affects R99, Rel4 and Rel5 UEs.

How to create CRs using this form:

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Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Before:

tc_8_2_4_3

Test Case Name	tc_8_2_4_3			
Group	RRC/RRC_TrCh_Reconf/			
Purpose	To confirm that the UE reverts to the old configuration and transmit RECONFIGURATION FAILURE message on the DCCH using AM RLC, if the UE configuration according to a TRANSPORT CHANNEL RECONFIGURATION message			
Configuration				
Default	RRC_Def1			
Comments				
Selection Ref	FDD_Mode			
Description	Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure reversion to old configuration)			
Nr	Label	Behaviour Description	Constraints Ref	Ver
1		START t_Guard		
2		[px_RAT =fdd]		
3		+ lt_InitVariables		
4		+ pr_GotoState6_9_Or6_10_MO (tsc_Cella)		
5		+ ts_SS_CreateCellFACH (tsc_CellB)		
6		+ ts_SS_SwitchCellOff (tsc_CellB)		
7		+ ts_SendDefSysInfo (tsc_CellB)		
8	TBS	(tcv_TestBody :=TRUE)		
9		+ lt_LocalTest		
10		+ ts_C3_CheckCellDCH (tsc_Cella)		
11	TBE	(tcv_TestBody :=FALSE)		
12		+ po_ConnectionAndSS_Rel (tsc_Cella)		
13	ERR1	[px_RAT =tdd]		I
14	ERR2	[TRUE]		I
		lt_LocalTest		
15		AM ! RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated , tsc_RB2 , cs_MeasurementControlTrafficVolumeSetup_Sign (tcv_CellIndInfo.dl_IntegrityCheckInfo ,	

			<u>tcv_RRC_Ti</u> , 1, rlc_BufferPayload:NULL, TRUE, FALSE, FALSE, { ue_State all_States } , periodical))	
16		+lt_ReceiveMeasurementReport		
17		+ <u>ts_SS_SwitchBackCellOn</u> (<u>tsc_CellB</u>)		
18		+ <u>ts_CalculateActTime</u> (<u>tsc_CellA</u>)		
19		+lt_SendTrChReconf		
20		START <u>t_LowerBound</u> (<u>tcv_T312_MinRAB</u>)		
21	TBP2	? TIMEOUT <u>t_LowerBound</u>		(P)
22	TBP3	<u>AM</u> ? <u>RLC_AM_DATA_IND</u>	<u>car_TrChReconfFail</u> (<u>tsc_CellDedicated</u> , <u>tsc_RB2</u> , <u>cr_108_TrChReconfFail</u> (<u>tcv_RRC_Ti</u> , physicalChannelFailure : NULL))	(P)
23		+lt_ReceiveMeasurementReport		
24	TBF1	<u>t_LowerBound</u> <u>AM</u> ? <u>RLC_AM_DATA_IND</u> CANCEL	<u>car_TrChReconfFail</u> (<u>tsc_CellDedicated</u> , <u>tsc_RB2</u> , <u>cr_108_TrChReconfFail</u> (<u>tcv_RRC_Ti</u> , physicalChannelFailure : NULL))	(F)
		lt_SendTrChReconf		
25		[<u>tcv_CellInfoA</u> .cellConfig = cell_DCH_64kPS_RAB_SRB]		
26		<u>AM</u> ! <u>RLC_AM_DATA_REQ</u>	<u>cas_TrChReconf</u> (<u>tsc_CellDedicated</u> , <u>tsc_RB2</u> , <u>cds_TrChReconf64k_PS_DCH_5_Restrict</u> (<u>tcv_CellIndInfo</u> .dl_IntegrityCheckInfo, <u>tcv_RRC_Ti</u> , <u>tcv_ActTime</u> , <u>tcv_CellInfoB</u> .frequencyInfo,)	

			tcv_CellInfoB.priScrmCode, tcv_CellInfoA.uL_ScramblingCode))	
27		[tcv_CellInfoA.cellConfig = cell_DCH_64kCS_RAB_SRB]		
28		AM ! RLC_AM_DATA_REQ	cas_TrChReconf (tsc_CellDedicated, tsc_RB2, cds_TrChReconf64k_CS_DCH_5_Restrict (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_ActTime, tcv_CellInfoB.frequencyInfo, tcv_CellInfoB.priScrmCode, tcv_CellInfoA.uL_ScramblingCode))	
29		[tcv_CellInfoA.cellConfig = cell_DCH_57_6kCS_RAB_SRB]		
30		AM ! RLC_AM_DATA_REQ	cas_TrChReconf (tsc_CellDedicated, tsc_RB2, cds_TrChReconf57_6k_CS_DCH_5_Restrict (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_ActTime, tcv_CellInfoB.frequencyInfo, tcv_CellInfoB.priScrmCode, tcv_CellInfoA.uL_ScramblingCode))	
31	TBI	[TRUE]		I
		lt_InitVariables		
32		+ts_RRC_InitVariables (cell_DCH)		
33		(tcv_CellInfoA.attenuationLevel := tsc_AttLevToPower60_dBm, tcv_CellInfoB.attenuationLevel := tsc_AttLevToPower75_dBm)		

34		[<u>tcv_CN_Domain</u> = cs_domain]		
35		[<u>tcv_RRC_RAB_Type</u> = cell_DCH_Speech]		
36		[<u>pc_Conversational</u>]		
37		(<u>tcv_RRC_RAB_Type</u> := cell_DCH_64kCS_RAB_SRB, <u>tcv_RRC_PagingCau</u> := terminatingConversationalCall, <u>tcv_RRC_EstCauMO</u> := originatingConversationalCall, <u>tcv_RRC_EstCauMT</u> := terminatingConversationalCall)		
38		[<u>pc_Streaming</u>]		
39		(<u>tcv_RRC_RAB_Type</u> := cell_DCH_57_6kCS_RAB_SRB, <u>tcv_RRC_PagingCau</u> := terminatingStreamingCall, <u>tcv_RRC_EstCauMO</u> := originatingStreamingCall, <u>tcv_RRC_EstCauMT</u> := terminatingStreamingCall)		
40	ERR1	[TRUE]		I
41		[TRUE]		
42		[<u>tcv_CN_Domain</u> = ps_domain]		
		lt_ReceiveMeasurementReport		
43	TBP1	AM ? <u>RLC_AM_DATA_IND</u> (<u>tcv_TrafficVolMeas_Results</u> := <u>RLC_AM_DATA_IND</u> .aM_message.uL_DCCH_Message.mes sage.measurementReport.measuredResults.traffic VolumeMeasuredResultsList, <u>tcv_RB_SRB_ReceiveList</u> := { <u>tcv_TrafficVolMeas_Results</u> .[0].rb_Identity, <u>tcv_TrafficVolMeas_Results</u> .[1].rb_Identity, <u>tcv_TrafficVolMeas_Results</u> .[2].rb_Identity, <u>tcv_TrafficVolMeas_Results</u> .[3].rb_Identity})	<u>car_MeasurementReport</u> (<u>tsc_CellDedicated</u> , <u>tsc_RB2</u> , <u>cr_MeasReportTrafficV olume</u>)	(P)
44		+ <u>ts_CheckRBsInTrafficVolMeas</u> (<u>tcv_RB_SRB_ReceiveList</u> , <u>c_RB_SRB_List</u>)		

Detailed Comments

After:

tc_8_2_4_3

Test Case Name	<u>tc_8_2_4_3</u>
Group	<u>RRC/RRC_TrCh_Reconf/</u>
Purpose	To confirm that the UE reverts to the old configuration and transmit

		RECONFIGURATION FAILURE message on the DCCH using AM RLC, if the UE configuration according to a TRANSPORT CHANNEL RECONFIGURATION message	
Configuration			
Default		RRC_Def1	
Comments			
Selection Ref		FDD_Mode	
Description		Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure reversion to old configuration)	
Nr	Label	Behaviour Description	Constraints Ref
1		START t_Guard	
2		[px_RAT =fdd]	
3		+ts_RRC_InitVariables (cell_DCH)	
4		(tsc_CellInfoA.attenuationLevel := tsc_AttLevToPower60_dBm, tsc_CellInfoB.attenuationLevel := tsc_AttLevToPower75_dBm)	
5		+pr_GotoState6_9_Or6_10_MO (tsc_Cella)	
6		+ts_SS_CreateCellFACH (tsc_CellB)	
7		+ts_SS_SwitchCellOff (tsc_CellB)	
8		+ts_SendDefSysInfo (tsc_CellB)	
9	TBS	(tsc_TestBody:=TRUE)	
10		+lt_LocalTest	
11		+ts_C3_CheckCellDCH (tsc_Cella)	
12	TBE	(tsc_TestBody:=FALSE)	
13		+po_ConnectionAndSS_Rel (tsc_Cella)	
14	ERR1	[px_RAT =tdd]	
15	ERR2	[TRUE]	
		lt_LocalTest	
16		AM ! RLC_AM_DATA_REQ	cas_MeasurementCo tsc_CellDedicated tsc_RB2 , cs_MeasurementCon lumeSetup_Sin (

			<pre> tcv_CellIndInfo.d eckInfo, tcv_RRC_Ti, 1, rlc_BufferPayl TRUE, FALSE, FALSE, { ue_State all periodical)) </pre>
17		+lt_ReceiveMeasurementReport	
18		+ts_SS_SwitchBackCellOn (tsc_CellB)	
19		+ts_CalculateActTime (tsc_CellA)	
20		+lt_SendTrChReconf	
21		START t_LowerBound (tcv_T312_MinRAB)	
22	TBP2	? TIMEOUT t_LowerBound	
23	TBP3	AM ? RLC_AM_DATA_IND	<pre> car_TrChReconfFai tsc_CellDedicated tsc_RB2, cr_108_TrChReconf tcv_RRC_Ti, physicalChanne NULL)) </pre>
24		+lt_ReceiveMeasurementReport	
25	TBF1	AM ? RLC_AM_DATA_IND CANCEL t_LowerBound	<pre> car_TrChReconfFai tsc_CellDedicated tsc_RB2, cr_108_TrChReconf tcv_RRC_Ti, physicalChanne NULL)) </pre>
		lt_SendTrChReconf	
26		[tcv_CellInfoA.cellConfig = cell_DCH_Speech]	
27		AM ! RLC_AM_DATA_REQ	<pre> cas_TrChReconf (tsc_CellDedicated tsc_RB2, cds_TrChReconfSpe trict (tcv_CellIndInfo.d eckInfo, tcv_RRC_Ti, tcv_ActTime, tcv_CellInfoB.fre tcv_CellInfoB. tcv_CellInfoA.uL e) </pre>

28		[tcv_CellInfoA.cellConfig = cell_DCH_64kPS_RAB_SRB]	
29		AM ! RLC_AM_DATA_REQ	cas_TrChReconf (tsc_CellDedicated tsc_RB2 , cds_TrChReconf64k trict (tcv_CellIndInfo.d eckInfo , tcv_RRC_Ti , tcv_ActTime , tcv_CellInfoB.fre tcv_CellInfoB. tcv_CellInfoA.uL e)))
30		[tcv_CellInfoA.cellConfig = cell_DCH_64kCS_RAB_SRB]	
31		AM ! RLC_AM_DATA_REQ	cas_TrChReconf (tsc_CellDedicated tsc_RB2 , cds_TrChReconf64k trict (tcv_CellIndInfo.d eckInfo , tcv_RRC_Ti , tcv_ActTime , tcv_CellInfoB.fre tcv_CellInfoB. tcv_CellInfoA.uL e)))
32		[tcv_CellInfoA.cellConfig = cell_DCH_57_6kCS_RAB_SRB]	
33		AM ! RLC_AM_DATA_REQ	cas_TrChReconf (tsc_CellDedicated tsc_RB2 , cds_TrChReconf57_ estRICT (tcv_CellIndInfo.d eckInfo , tcv_RRC_Ti , tcv_ActTime , tcv_CellInfoB.fre tcv_CellInfoB. tcv_CellInfoA.uL e)))
34	TBI	[TRUE]	
		lt_ReceiveMeasurementReport	

35	TBP1	<pre> AM ? RLC_AM_DATA_IND (tcv_TrafficVolMeas_Results := RLC_AM_DATA_IND.am_message.uL_DCCH_Message.message.meas urementReport.measuredResults.trafficVolumeMeasuredResu ltsList, tcv_RB_SRB_ReceiveList := { tcv_TrafficVolMeas_Results.[0].rb_Identity, tcv_TrafficVolMeas_Results.[1].rb_Identity, tcv_TrafficVolMeas_Results.[2].rb_Identity, tcv_TrafficVolMeas_Results.[3].rb_Identity}) </pre>	car_MeasurementRe tsc_CellDedicated tsc_RB2, cr_MeasReportTraf
36		<pre> +ts_CheckRBsInTrafficVolMeas (tcv_RB_SRB_ReceiveList, c_RB_SRB_List) </pre>	

Detailed Comments	
--------------------------	--

New constraint:

cds_TrChReconfSpeech_DCH_5_Restrict

Constraint Name	<pre> cds_TrChReconfSpeech_DCH_5_Restrict (p_IntegrityCheckInfo : IntegrityCheckInfo; p_RRC_TI: RRC_TransactionIdentifier; p_Act_time:ActivationTime ; p_FreqInfo: FrequencyInfo; p_PrimaryScramblingCode : PrimaryScramblingCode; p_UL_ScramblingCode : UL_ScramblingCode) </pre>
PDU Type	DL_DCCH_Message
Derivation Path	cbs_108_TrChReconf64k_CS.
Encoding Rule Name	
Encoding Variation	
Comments	Default DPCH Offset value = 512 and DPCH frame offset = 1024 (4
Constraint Value	<pre> REPLACE message.transportChannelReconfiguration.r3.transportChannelReconfiguration c_UL_CommTrChInfoDCH_Restrict (tsc_UL_DCH5) </pre>
Detailed Comments	

CHANGE REQUEST

34.123-3 CR 1156 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to Package 3 SMS test cases.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 7/10/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# 1) In line 3 the local tree It_EmptyStorage(TRUE) is called to empty the storage of the UE. Further on the SMS message storage is emptied a second time within the It_AT_Init at line 10 without sending SMS in between. Thus the previous step at line 3 is not necessary. This problem exist for following test cases: 16.1.1, 16.1.2, 16.1.9.1, 16.1.9.2, 16.1.10, 16.2.2, 16.2.10 Note: This CR is similar to TTCN CR T1s040497. Also this CR will make test case implementation for all the SMS test cases consistent.
Summary of change:	# 1) Removed call to It_EmptyStorage(TRUE) at line 3 from the test case body.
Consequences if not approved:	# Test case may pass a non conformant UE.

Clauses affected:	# None						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	#
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<input type="checkbox"/>	Test specifications	#				
	<input type="checkbox"/>	O&M Specifications	#				
Other comments:	#						

How to create CRs using this form:

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- 1) Fill out the above form. The symbols above marked ☒ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test Step	tc_16_1_2
Reason for change	<p>1) In line 3 the local tree It_EmptyStorage(TRUE) is called to empty the storage of the UE. Further on the SMS message storage is emptied a second time within the It_AT_Init at line 10 without sending SMS in between. Thus the previous step at line 3 is not necessary.</p> <p>Please note changes are shown only for test case 16.1.2. Similar change is done for the test case:</p> <p>16.1.1, 16.1.9.1, 16.1.9.2, 16.1.10, 16.2.2, 16.2.10</p>
Summary of change	1) Removed call to It_EmptyStorage(TRUE) at line 3 from the test case body.
Source of change	New change

Before:

1	START t_Guard(1200)		
2	+ts_MM_PwrOrUSIM_On(tsc_USIM_NeedRmv)		Activate the UE @sic EW ER 1526 sic@
3	+ts_AT_EmptyMsgStorage		
4	(tcv_RP_OrigAddrMT='1111111111'O, tcv_TP_OrigAddr01:='5555555555'O)		
5	+ts_CC_BasicServMT_Def		6. Prepares TI for MT C C

After:

1	START t_Guard(1200)		
2	+ts_MM_PwrOrUSIM_On(tsc_USIM_NeedRmv)		Activate the UE @sic EW ER 1526 sic@
3	(tcv_RP_OrigAddrMT='1111111111'O, tcv_TP_OrigAddr01:='5555555555'O)		
4	+ts_CC_BasicServMT_Def		6. Prepares TI for MT CC

CHANGE REQUEST

34.123-3 CR 1157 # rev # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to approved package 4 NAS Test case tc_12_4_1_4d2		
Source:	# Anite.		
Work item code:	# N/A	Date:	# 06/10/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# 1. TS 34.123-1 Section 12.4.1.4d.4.2 Expected Sequence at Step#21 specifies-UE sending ATTACH REQUEST with Mobile identity =P-TMSI-2. In TTCN, TMSI is used in place of PTMSI as parameter to test step ts_MM_RegistrationHandleAttachReqP_TMSI. 2. Test case includes non default PLMN selection and guard timer 5 min is not sufficient to complete test case execution.
Summary of change:	# 1. At line#49 second parameter corrected from px_TMSI_2 to px_PTMSI_2. for the test step ts_MM_RegistrationHandleAttachReqP_TMSI. 2. Test case guard timer increased to 540 sec.
Consequences if not approved:	# Test Case tc_12_4_1_4d2 will Fail incorrectly with conformant UE.

Clauses affected:	# N/A								
Other specs affected:	#								
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X
Y	N								
#	X								
#	X								
#	X								
Other comments:	# IWD NAS_wk40 ATS is used as reference for TTCN changes.								

How to create CRs using this form:

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to

1.1 Change 1

Test step name	tc_12_4_1_4d2 local tree It_Attach_Steps_19To23
Reason for change	TS 34.123-1 Section 12.4.1.4d.4.2 Expected Sequence at Step#21 specifies- UE sending ATTACH REQUEST with Mobile identity =P-TMSI-2. In TTCN TMSI is used in place of PTMSI as parameter to test step ts_MM_RegistrationHandleAttachReqP_TMSI.
Summary of change	At line#49 second parameter corrected from px_TMSI_2 to px_PTMSI_2 for the test step ts_MM_RegistrationHandleAttachReqP_TMSI.
Source of change	

Before change:

It_Attach_Steps_19To23			
49		+ ts_MM_RegistrationHandleAttachReqP_TMSI (tsc_CellB, px_TMSI_2)	Step 19-21. CS registration If UE Operation mode A. Handle the receipt of ATTACH REQ @sic VB Handle Attach req during CS registration sic @

After change:

It_Attach_Steps_19To23			
49		+ ts_MM_RegistrationHandleAttachReqP_TMSI (tsc_CellB, <u>px_PTMSI_2</u>)	Step 19-21. CS registration If UE Operation mode A. Handle the receipt of ATTACH REQ @sic VB Handle Attach req during CS registration sic @

1.2 Change 2

Test step name	tc_12_4_1_4d2
Reason for change	Test case includes non default PLMN selection and guard timer 5 min is not sufficient to complete test case execution.
Summary of change	Test case guard timer increased to 540 sec.
Source of change	

Before change:

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START t_Guard(300)			

After change:

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START t_Guard(<u>540</u>)			

CHANGE REQUEST

№ **34.123-3 CR 1158** № rev - № Current version: **3.7.0** №

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the № symbols.

Proposed change affects: UICC apps № ME Radio Access Network Core Network

Title:	№ Correction to Package 4 NAS test case 12.2.1.2 for increasing the guard timer.		
Source:	№ Anite		
Work item code:	№ N/A	Date:	№ 30/09/04
Category:	№ F	Release:	№ R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2	(GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96	(Release 1996)
	B (addition of feature),	R97	(Release 1997)
	C (functional modification of feature)	R98	(Release 1998)
	D (editorial modification)	R99	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	№ In the tc_12_2_1_2 TTCN implementation, the guard timer is assigned to 300s. Test procedure includes camping on a cell different than HPLMN and 4 times 30 sec delay (using ts_VerifyNoAccess (30)) which takes 2 minutes. Due to these procedures mentioned above Guard timer of 300s is not sufficient.
Summary of change:	№ Increased the guard timer from 300s to 720s.
Consequences if not approved:	№ Test case may fail conformant UE.

Clauses affected:	№ None										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> </table>	Y	N		X		X		X	Other core specifications	№
Y	N										
	X										
	X										
	X										
		Test specifications									
		O&M Specifications									
Other comments:	№										

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1

Test step name *tc_12_2_1_2*

Reason for change In the *tc_12_2_1_2* TTCN implementation, the guard timer is assigned to 300s. Test procedure includes camping on a cell different than HPLMN and 4 times 30 sec delay (using *ts_VerifyNoAccess (30)*) which takes 2 minutes.

Due to these procedures mentioned above Guard timer of 300s is not sufficient.

Summary of change Increased the guard timer from 300s to 720s.

Before change:

1		START t_Guard(300)			
2		+ts_InitVariables			

After change:

1		START t_Guard(720)			
2		+ts_InitVariables			

3GPP TSG-T1 Meeting #25
 Malta, 2nd - 5th Nov ñ 2004

Tdoc # T1s040636

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3 CR 1159 # rev - #	Current version: 3.7.0 #

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Regression error corrections to TTCN deliveries of wk34 and wk37		
Source:	# MCC task160		
Work item code:	# N/A	Date:	# 29/09/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# Two TTCN regression tests to iWD-TVB2003-03_D04wk34 and D04wk37 took place. A number of error reports were received. The error corrections were undertaken, in order to get the concerned TCs working. This CR includes the error lists for the necessary changes so that the changes are documented.
Summary of change:	# Two Excell sheets ErrorList_wk34.xls, and ErrorList_wk37.xls are included. The two lists can also be found in the TTCN deliveries iWD-TVB2003-03_D04wk34 and -wk37.
Consequences if not approved:	# The TTCN corrections would not have the documentations for validation.

Clauses affected:	#								
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
Other comments:	#								

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1160 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Summary of regression errors in the wk37 ATS.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 24/09/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Correction of errors found is TTCN as part of Regression on wk37 ATS.		
Summary of change:	# This document lists all changes applied to wk37 required for testing of the approved test cases. See detailed change description for further information.		
Consequences if not approved:	# Test case may fail a conformant UE.		

Clauses affected:	# None										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="width: 20px; text-align: center;"><input type="checkbox"/></td> <td style="width: 20px; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="width: 20px; text-align: center;"><input type="checkbox"/></td> <td style="width: 20px; text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Y	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	#
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Y	<input type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
		Test specifications	#								
		O&M Specifications	#								
Other comments:	#										

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

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2 Corrections required for ATS IR_U_wk37 test suite

2.1 Change 1

Local Tree and Test step	c_IMSI_DetachIndAny IMSI
Reason for change	The fields mSClsmk1 and mobileId are structured type. In c_IMSI_DetachIndAny using `i?i` for these fields is incorrect.
Summary of change	In Constraint c_IMSI_DetachIndAny for field mSClsmk1 replace `i?i` with the existing constraint c_MS_Clsmk1_Any and for field mobileId replace `i?i` with existing constraint c_MobileIdAny_lv.

PDU Constraint Declaration		
Constraint Name:	c_IMSI_DetachIndAny	
Group:		
PDU Name:	IMSIDETACHINDICATION	
Derivation Path:		
Encoding Rule Name:		
Encoding Variation:		
Comments:	Used only in postamble, so don't care about the contents, only the message type	
Field Name	Element Value	Type Encoding
skipIndicator	'0000'B	
mMProtocolDiscriminator	'0101'B	
msgType	'??000001'B	
mSClsmk1	c_MS_Clsmk1_Any	
mobileId	c_MobileIdAny_lv	

2.2 Change 2

Test step	TC 8.4.1.34, local test step It_Step2_To4_WithOrWithoutCompMode
Reason for change	Change 1 part (2) SS side activation for UL compress mode the change as per ANITE CR T1s040479 is not implemented in the wk 37 TTCN.
Summary of change	At row 84 and 85 added statements for Activation of Uplink Compress Mode after sending Measurement Control.
Source of change	New change

80	+ts_CPHY_TGCFN_250_252_254 (tsc_CellA)		
81	AM ! RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlInterRATMeas_Event3b_3c_3dWithCompMode (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, 3, tsc_GSM_InterRAT_CellA, tsc_GSM_InterRAT_CellB, tsc_InterRATCellIndividualOffset, tsc_InterRATCellIndividualOffset, c_InterRAT_Event3b, tcv_TGPSRFCN , tcv_TGCFN_252, tcv_TGCFN_254, tcv_TGCFN_250))	Step 4 in prose; @sic Thomas ER 1613 sic@
82	CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeStatusInfo_REQ (tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCH_CompressedModeStatusInfoActive_TGPSList(tcv_TGPSRFCN, 1,2,3, tcv_TGCFN_252, tcv_TGCFN_254 , tcv_TGCFN_250))	
83	CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModeInfoCNF (tsc_CellA, tsc_DL_DPCH1)	
84	CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeStatusInfo_REQ (tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCH_CompressedModeStatusInfoActive_TGPSList(tcv_TGPSRFCN, 1,2,3, tcv_TGCFN_252, tcv_TGCFN_254 , tcv_TGCFN_250))	
85	CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModeInfoCNF (tsc_CellA, tsc_UL_DPCH1)	
86	[TRUE]		@sic Thomas ER 1606 sic@

2.3 Change 3

Local Tree and Test step	TC 8.4.1.40: The Cell_Ids (Cell3 to Cell 16) of <code>interRATCellInfoList</code> in <code>cs_MeasurementControlInterRATMeas_Event3cWithCompMode</code> are not as per prose
Reason for change	<code>cs_MeasurementControlInterRATMeas_Event3cWithCompMode</code> the cell Ids are shifted: <code>i3i</code> instead of <code>i2i</code> for the 3 rd cell, <code>i4i</code> instead of <code>i3i</code> for the 4 th cell and so on..
Summary of change	Cell Ids are corrected as per TS 34.123-1.
Source of change	New change

After Change:

ASN.1 PDU Constraint Declaration	
Constraint Name:	cs_MeasurementControlInterRATMeas_Event3cWithCompMode (<p>p_IntegrityInfo : IntegrityCheckInfo ; p_RRC_TI: RRC_TransactionIdentifier; p_measId_NewInterRAT: INTEGER ; p_CellId1 : INTEGER; p_CellId2 : INTEGER; p_event : InterRATEvent; p_Tgps_Reconf_Cfn : TGPS_Reconfiguration_CFN ; p_Tgcfm_245 : TGCFN ; p_Tgcfm_249 : TGCFN ; p_Tgcfm_250 : TGCFN)</p>
Group:	
PDU Name:	DL_DCCH_Message
Derivation Path:	
Encoding Rule Name:	PER_Unaligned
Encoding Variation:	
Comments:	Measurement Control Command to start Inter RAT measurement; UE is in CellA and CellB has to be measured @sic Thomas T1s040943 sic@

Constraint Value

```
{
integrityCheckInfo p_IntegrityInfo ,
message measurementControl : r3:{
measurementControl_r3 {
rrc_TransactionIdentifier p_RRC_TI,
measurementIdentity p_measId_NewInterRAT,
measurementCommand setup : interRATMeasurement :
{
interRATCellInfoList
{
removedInterRATCellList removeAllInterRATCells : NULL,
newInterRATCellList
..

```

```

{
  interRATCellID p_CellId1,
  technologySpecificInfo gsm :
  {
    cellSelectionReselectionInfo OMIT,
    interRATCellIndividualOffset tsc_InterRATCellIndividualOffset_10,
    bsic
    {
      ncc 0,
      bcc 1
    },
    frequency_band dcs1800BandUsed,
    bcch_ARFCN 1,
    dummy OMIT
  }
},
{
  interRATCellID p_CellId2,
  technologySpecificInfo gsm :
  {
    cellSelectionReselectionInfo OMIT,
    interRATCellIndividualOffset tsc_InterRATCellIndividualOffset_3,
    bsic
    {
      ncc 0,
      bcc 2
    },
    frequency_band dcs1800BandUsed,
    bcch_ARFCN 7, -- @sic Thomas T1s040943 sic@
    dummy OMIT
  }
},
{
  interRATCellID 2, -- 3,
  technologySpecificInfo gsm :
  {
    cellSelectionReselectionInfo OMIT,
    interRATCellIndividualOffset tsc_InterRATCellIndividualOffset,

```

```

bsic
{
  ncc 0,
  bcc 3
},
frequency_band dcs1800BandUsed,
bcch_ARFCN 5,
dummy OMIT
}
},
{
interRATCellID 3, -- 4,
technologySpecificInfo gsm :
{
  cellSelectionReselectionInfo OMIT,
  interRATCellIndividualOffset tsc_InterRATCellIndividualOffset,
  bsic
  {
    ncc 0,
    bcc 4
  },
  frequency_band dcs1800BandUsed,
  bcch_ARFCN 17, -- @sic Thomas T1s040943 sic@
  dummy OMIT
}
},
{
interRATCellID 4, --5,
technologySpecificInfo gsm :
{
  cellSelectionReselectionInfo OMIT,

```

öö.


```

{
interRATCellID 14, --15,
technologySpecificInfo gsm :
{
cellSelectionReselectionInfo OMIT,
interRATCellIndividualOffset tsc_InterRATCellIndividualOffset,
bsic
{
ncc 1,
bcc 7
},
frequency_band dcs1800BandUsed,
bcch_ARFCN 13,
dummy OMIT
}
},
{
interRATCellID 15, --16,
technologySpecificInfo gsm :
{
cellSelectionReselectionInfo OMIT,
interRATCellIndividualOffset tsc_InterRATCellIndividualOffset,
bsic
{
ncc 2,
bcc 0
},
frequency_band dcs1800BandUsed,
bcch_ARFCN 15,
dummy OMIT
}
}

},
cellsForInterRATMeasList OMIT
},
interRATMeasQuantity {

measQuantityUTRAN_QualityEstimate OMIT,
ratSpecificInfo gsm :
{

```

2.4 Change 4

Test step	TC 8.4.1.36
Reason for change	<ol style="list-style-type: none"> 1) As per 34.108 the timer tolerance could be 10% of timer value or (2*TTI +55ms) which ever is higher. In test cases 8.4.1.36, the wait time for getting measurement report is 1000 ms 2) CANCEL TIMER is missing after receiving Measurement Report at Row #31, #121 and #122.
Summary of change	<ol style="list-style-type: none"> 1) Tolerance is taken as (2* 40 + 55ms = 135) instead of 100. 2) CANCEL Timer is added at Row #31, #121 and #122.
Source of change	New change

28		(tcv_Tolerance := (2 * 40) + 55)		
29		START t_WaitMS (1000 + tcv_Tolerance)		
30	TBF2	? TIMEOUT t_WaitMS		(F)
31		AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterRatMeas (3 , OMIT , verifiedBSIC : tsc_GSM_InterRAT_CellB , verifiedBSIC : tsc_GSM_InterRAT_CellA , c_InterRATMeas_EventResults3a_3b_3c_3d(e3d ,tsc_GSM_InterRAT_CellB)))	(P)
		CANCEL t_WaitMS		
32		+ts_CalculateActTime (tsc_CellA)		

It_Receive_Measurement_Report1				
120		AM ?RLC_AM_DATA_IND CANCEL t_WaitMS	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterRatMeas (3 , OMIT , verifiedBSIC : tsc_GSM_InterRAT_CellA , verifiedBSIC : tsc_GSM_InterRAT_CellB , c_InterRATMeas_EventResults3a_3b_3c_3d(e3d ,tsc_GSM_InterRAT_CellA)))	(P)
121		AM ?RLC_AM_DATA_IND CANCEL t_WaitMS	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterRatMeas (3 , OMIT , verifiedBSIC : tsc_GSM_InterRAT_CellA , nonVerifiedBSIC : 7 , c_InterRATMeas_EventResults3a_3b_3c_3d(e3d ,tsc_GSM_InterRAT_CellA)))	(P)
122		AM ?RLC_AM_DATA_IND CANCEL t_WaitMS	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterRatMeas1 (3 , OMIT , verifiedBSIC : tsc_GSM_InterRAT_CellA , c_InterRATMeas_EventResults3a_3b_3c_3d(e3d ,tsc_GSM_InterRAT_CellA)))	(P)

2.5 Change 5

Test step	TC 8.4.1.33
Reason for change	CANCEL TIMER is missing after receiving Measurement Report at Row #33.
Summary of change	CANCEL Timer is added at Row #33
Source of change	New change

30		(tcv_Tolerance := (140))		
31		START t_WaitMS (1400 + tcv_Tolerance)		
32	TBF2	? TIMEOUT t_WaitMS		(F)
33		AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterRatMeas (3 , OMIT , verifiedBSIC : tsc_GSM_InterRAT_CellA , verifiedBSIC : tsc_GSM_InterRAT_CellB , c_InterRATMeas_EventResults3a_3b_3c_3d(e3a , tsc_GSM_InterRAT_CellA)))	(P)
		CANCEL t_WaitMS		

3 Corrections required for ATS_NAS_wk37 test suite

3.1 Change 1

Test step	tc_12_6_1_3_2
Reason for change	Line#33 needs to be corrected as per T1s040456 WA#NAS4574. ts_RRC_Security test step parameters should be p_CellId=tsc_CellA and p_NewKey=TRUE
Summary of change	TTCN modified as per the above change.
Source of change	New change

3.2 Change 2

Test step	ts_MM_IdleUpdated
Reason for change	In ts_MM_IdleUpdated test step, at line#3 there is a supervisory time exists for receiving Location Updating Request with in 35 sec. If UE does not send within this

	<p>period test case will result INCONCLUSIVE verdict.</p> <p>It is observed that in MM test cases where initial idle update is needed with non default PLMN (e.g. 9.4.7, 9.4.8, 9.4.2.4.1 etc.), test case results INCONCLUSIVE verdict because of the Location Updating Request not received within 35 sec from UE.</p> <p>As UE will initially take some time to camp onto a PLMN different than HPLMN thus 35sec timer is not sufficient.</p>
Summary of change	Changed the timer value from 35 sec to 150sec at line 3.
Source of change	New change

4 Corrections required for ATS RAB_wk37 test suite

4.1 Change 1

Test step	ts_RB_InitTest_3SCCPCH
Reason for change	As per the T1s040462 approved TTCN CR in the local test step It_ModifyCell checking is done first for pc_CS and then pc_PS. In the wk37 TTCN checking is first done for pc_PS. This is wrong as in case UE is assigned both TMSI and P-TMSI, UE will still select the SCCPCH based on TMSI.
Summary of change	Added checking for pc_CS first and then pc_PS.
Source of change	New change

5 Corrections required for ATS MAC_wk37 test suite

5.1 Change 1

Test step	tc_7_1_3_1
Reason for change	As per the T1s040531 approved TTCN CR indentation of Row 4 to 11 is not implemented correctly.
Summary of change	Indentation of Row 4 to 11 is increased by 1.
Source of change	New change

Before:

Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		START t_Guard(300)			
1		[px_CipheringOnOff = FALSE]			@sic ER1977 sic@
2		[px_RAT = fdd]			
2		+pr_GenericSetupProcedures			
3		+ts_RRC_SetUpRAB_UM_7_RLC (tsc_DefaultCellId, tcv_RAB_Id, cb s_DefaultRLC_InfoUM)			Step 3-4
4		+pr_CloseUE_TestLoop(tsc_UL SDU_Size7_1_3_1)			Step 5-6
5	TBS	(tcv_TestBody := TRUE)			
6		+It_LocalTest			
7	TBE	(tcv_TestBody := FALSE)		(P)	
8		+ts_TC_DeactivateRB_TestMo de(tsc_DefaultCellId)			
9		+po_ConnectionAndSS_Rel(tsc DefaultCellId)			
2		[px_RAT = tdd]		I	
2		[TRUE]		I	
1		[TRUE]		I	

After:

Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		START t_Guard(300)			
1		[px_CipheringOnOff = FALSE]			@sic ER1977 sic@
2		[px_RAT = fdd]			
3		+pr_GenericSetupProcedures			
4		+ts_RRC_SetUpRAB_UM_7_RLC (tsc_DefaultCellId, tcv_RAB_Id, cb s_DefaultRLC_InfoUM)			Step 3-4
5		+pr_CloseUE_TestLoop(tsc_UL SDU_Size7_1_3_1)			Step 5-6
6	TBS	(tcv_TestBody := TRUE)			
7		+It_LocalTest			
8	TBE	(tcv_TestBody := FALSE)		(P)	
9		+ts_TC_DeactivateRB_TestMo de(tsc_DefaultCellId)			
10		+po_ConnectionAndSS_Rel(tsc DefaultCellId)			
2		[px_RAT = tdd]		I	
2		[TRUE]		I	
1		[TRUE]		I	

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3 CR 1161 # rev - #	Current version: 3.7.0 #

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to RRC Package 1 test cases 8.1.7.1 and 8.1.7.2 (Revision of T1s040532)		
Source:	# Anite		
Work item code:	# N/A	Date:	# 24/09/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Test case 8.1.7.1 and 8.1.7.2 should always run in ciphered mode. In the current implementation, the test case can be executed with pixit parameter px_CipheringOnOff set to FALSE.
Summary of change:	# Checking for the Pixit px_CipheringOnOff is added at the beginning of the test case 8.1.7.1 and 8.1.7.2.
Consequences if not approved:	# Test Case may Pass a non Conformant Mobile.

Clauses affected:	#								
Other specs affected:	#								
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications #	Y	N	#	X	#	#	#	X
Y	N								
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#	X								
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Y	N								
#	#								
#	X								
Other comments:	#								

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test step	tc_8_1_7_1
Reason for change	Test case 8.1.7.1 should always run in ciphered mode. In the current implementation, the test case can be executed with pixit parameter px_CipheringOnOff set to FALSE.
Summary of change	Checking for the Pixit px_CipheringOnOff is added at the beginning of the test case 8.1.7.1.
Source of change	New change

Before:

Test Case					
Test Case Id:	tc_8_1_7_1				
Test Group Reference:	RRC/RRC_SecurityModeCtrl/				
Purpose:	To confirm that the UE activates the new ciphering configurations after the stated activation time. To confirm that after the UE receives a SECURITY MODE COMMAND message, it transmits a SECURITY MODE COMPLETE message to the UTRAN using the old ciphering configuration together with the application of the new integrity protection configuration. To confirm that UE send SECURITY MODE FAILURE message when SS transmits a SECURITY MODE COMMAND message that causes an invalid configuration. To confirm that the UE sends a SECURITY MODE FAILURE message when the UE receives an invalid SECURITY MODE COMMAND message.				
Configuration:					
Defaults:	RRC_Def1				
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT = fdd]			FDD specific behaviour
3		+ ts_RRC_InitVariablesCS			
4		+ pr_GotoState6_9_Or6_10_MO (tsc_CellA)			
5	TBS	(tcv_TestBody := TRUE)			
6		+ It_TestBody			
7	TBE	(tcv_TestBody := FALSE)			
8		+ po_ConnectionAndSS_Rel (tsc_CellA)			Release the RRC Connection
9	ERR1	[px_RAT = tdd]		I	TDD specific behaviour
10	ERR2	[TRUE]		I	

After:

Test Case					
Test Case Id:	tc_8_1_7_1				
Test Group Reference:	RRC/RRC_SecurityModeCtrl/				
Purpose:	To confirm that the UE activates the new ciphering configurations after the stated activation time. To confirm that after the UE receives a SECURITY MODE COMMAND message, it transmits a SECURITY MODE COMPLETE message to the UTRAN using the old ciphering configuration together with the application of the new integrity protection configuration. To confirm that UE send SECURITY MODE FAILURE message when SS transmits a SECURITY MODE COMMAND message that causes an invalid configuration. To confirm that the UE sends a SECURITY MODE FAILURE message when the UE receives an invalid SECURITY MODE COMMAND message.				
Configuration:					
Defaults:	RRC_Def1				
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT = fdd]			FDD specific behaviour
3		[px_CipheringOnOff = TRUE]			
4		+ ts_RRC_InitVariablesCS			
5		+ pr_GotoState6_9_Or6_10_MO (tsc_CellA)			
6	TBS	(tcv_TestBody := TRUE)			
7		+ It_TestBody			
8	TBE	(tcv_TestBody := FALSE)			
9		+ po_ConnectionAndSS_Rel (tsc_CellA)			Release the RRC Connection
10		[TRUE]		I	Ciphering not supported, hence test case not applicable.
11	ERR1	[px_RAT = tdd]		I	TDD specific behaviour
12	ERR2	[TRUE]		I	

1.2 Change 2

Test step	tc_8_1_7_2
Reason for change	Test case 8.1.7.2 should always run in ciphered mode. In the current implementation, the test case can be executed with pixit parameter px_CipheringOnOff set to FALSE.
Summary of change	Checking for the Pixit px_CipheringOnOff is added at the beginning of the test case

	8.1.7.2.
Source of change	New change

Before:

Test Case					
Test Case Id:	tc_8_1_7_2				
Test Group Reference:	RRC/RRC_SecurityModeCtrl/				
Purpose:	To confirm that after the UE receives a SECURITY MODE COMMAND message, it transmits a SECURITY MODE COMPLETE message to the UTRAN using the old ciphering configuration together with the application of the new integrity protection configuration. To confirm that the UE applies the old ciphering configuration in the downlink prior to the activation time; and uses the new ciphering configuration on and after the activation time. To confirm that the UE starts to cipher its uplink transmissions after the uplink activation time stated in SECURITY MODE COMPLETE message is reached. To confirm that the UE sends a SECURITY MODE FAILURE message when the UE receives an invalid SECURITY MODE COMMAND message.				
Configuration:					
Defaults:	RRC_Def1				
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT = fdd]			FDD specific behaviour
3		+ ts_RRC_InitVariablesPS(cell_FACH)			@sic RASH T1s040400 sic@
4		+ pr_GotoState6_11_MO (tsc_CellA)			
5	TBS	(tcv_TestBody := TRUE)			
6		+ lt_TestBody			
7	TBE	(tcv_TestBody := FALSE)			
8		+ po_ConnectionAndSS_Rel (tsc_CellA)			Release the RRC Connection
9	ERR1	[px_RAT = tdd]		I	TDD specific behaviour
10	ERR2	[TRUE]		I	

After:

Test Case					
Test Case Id:	tc_8_1_7_2				
Test Group Reference:	RRC/RRC_SecurityModeCtrl/				
Purpose:	To confirm that after the UE receives a SECURITY MODE COMMAND message, it transmits a SECURITY MODE COMPLETE message to the UTRAN using the old ciphering configuration together with the application of the new integrity protection configuration. To confirm that the UE applies the old ciphering configuration in the downlink prior to the activation time; and uses the new ciphering configuration on and after the activation time. To confirm that the UE starts to cipher its uplink transmissions after the uplink activation time stated in SECURITY MODE COMPLETE message is reached. To confirm that the UE sends a SECURITY MODE FAILURE message when the UE receives an invalid SECURITY MODE COMMAND message.				
Configuration:					
Defaults:	RRC_Def1				
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT = fdd]			FDD specific behaviour
3		[px_CipheringOnOff = TRUE]			
4		+ ts_RRC_InitVariablesPS(cell_FACH)			@sic RASH T1s040400 sic@
5		+ pr_GotoState6_11_MO (tsc_CellA)			
6	TBS	(tcv_TestBody := TRUE)			
7		+ lt_TestBody			
8	TBE	(tcv_TestBody := FALSE)			
9		+ po_ConnectionAndSS_Rel (tsc_CellA)			Release the RRC Connection
10		[TRUE]		I	Ciphering not supported, hence test case not applicable.
11	ERR1	[px_RAT = tdd]		I	TDD specific behaviour
12	ERR2	[TRUE]		I	

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1162 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Corrections Required for the wk37 ATS (Revision of T1s040606)		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 23/09/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Errors were identified during the Wk37 ATS regression testing.
Summary of change:	# This document lists all changes required to pass certain test cases that fails during the Wk37 Regression
Consequences if not approved:	# Conformant UEis may fail the test cases

Clauses affected:	# N/A				
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # <input type="checkbox"/>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications # <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications # <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other comments:	#				

How to create CRs using this form:

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1 RRC ATS

1.1 tc_8_3_1_22 (WA#RRC4528)

Test step name Tc_8_3_1_22: It_TestBody

Reason for change Initial Delay of 1sec causes the testcase to fail as the RRC Connection Reuest message arrives within this 1sec timer, therefore reduced the timre to 50msec, this should be enough for the Acknowledgment of the RRC Connection release complete to go through before any local reconfiguration.

Summary of change Change the timer value to 50 msec. (+ts_RRC_Delay (50))

Source of change New change

Label WA#RRC4528

22	TBP4	AM ? RLC_AM_DATA_IND	car_RRC_ConnRelCmpl (tsc_CellDedicated, tsc_RB2, cbr_108_RRC_ConnRelCmpl (tcv_RRC_Ti))	(P) Step 10
23		+ts_RRC_Delay (50)		@sic OG 28/07/04 T1s040424 sic@ WA#RRC4528
24		+ts_HO_ReconfFACH_ToFACH (tsc_CellB, tsc_CellA)		SS reconfiguration @sic Jitendra CR# T1-031797 sic@
25		(tcv_CellInfoA.cellConfig := cell_FACH_NoConn)		@sic Jitendra CR# T1-031797 sic@

1.2 tc_6_1_1_7 (WA#RRCMAC4132)

Test step name Tc_6_1_1_7

Reason for change According to 34.123-1, chapt. 6.1.1.7.1, the UE should be registered in manual mode

Summary of change Add teststep ts_MMI_PLMN_SetModeMan & ts_MMI_PLMN_SelPerf to show the operator to change the UE into manual mode

Source of change New change

Label WA#RRC3228

#	LocalTest			
0	TBS	(tcv_TestBody := TRUE)		
1		+ts_MMI_UE_SwitchOn		
2		(tcv_Use_E_PLMN := TRUE , tcv_E_PLMN := o_E_PLMN_1 (o_ConvtPLMN (tcv_CellInfoG.mcc, tcv_CellInfoG.mnc)))		Initialise tcv to store PLMN 3 as equivalent, which is to be used in test step to special idle update @sic VB T1s-040427 sic@
3		+ts_MMI_PLMN_SelModeMan		WA#RRC3228
4		+ts_MMI_PLMN_SelPerf(tcv_CellInfoA.mnc)		
5		+ts_idleUpdated (tsc_CellA)		Complete location Update is done, include receive random access request from UE. The response from UE is from PLMN1, the PLMN list stored in tcv_E_PLMN shall be sent in equivalent PLMN list in Location Update accept message.
6		+ts_SS_CreateCellFACH (tsc_CellD)		Configure lower tester cell 2
7		+ts_SendDefSysInfo_3PLMN(tsc_CellD)		Sends the default system information in CellD @sic VB T1s-040427 sic@
8		+ts_SS_CreateCellFACH (tsc_CellG)		Configure lower tester cell 3 @sic VB T1s-040427 sic@
9		+ts_SendDefSysInfo_3PLMN (tsc_CellG)		Sends the default system information in CellG @sic VB T1s-040427 sic@
10		+ts_UpdateRegistration (tsc_CellG)		Complete location Update is done. include receive random access request from UE. The response from UE is from PLMN3

2 MAC ATS

2.1 tc_7_1_3_1 (WA#MAC4132)

Test step name	Tc_7_1_3_1
Reason for change	Wrong Indentation was used for lines 4 to 11, causing the test run to stop without executing the complete the testcase
Summary of change	Changed the indentation accordingly for lines 4 to 11
Source of change	New change
Label	WA#RRC4132

Test Case					
Test Case Id:	tc_7_1_3_1				
Test Group Reference:	MAC/PriorityHandlingBetweenDataFlowsOfOneUE/				
Purpose:	To verify that the UE Prioritises signalling to data on a lower priority logical channel				
Configuration:					
Defaults:	RRC_Def1,RLC_Default				
Comments:	TS 25.321 clause 11.4 25.301 clause 7.3.1.2, WA#MAC4132				
Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START t_Guard(300)			
2		[px_CipheringOnOff = FALSE]			@sic ER1977 sic@
3		[px_RAT = fdd]			
4		+pr_GenericSetupProcedures			
5		+ts_PRC_SetUpRAB_UM_7_RLC (tsc_DefaultCellId, tcv_RAB_Id, cbs_DefaultRLC_InfoUM)			Step 3-4
6		+pr_CloseUE_TestLoop(tsc_UL_SDU_Size7_1_3_1)			Step 5-6
7	TBS	(tcv_TestBody := TRUE)			
8		+lt_LocalTest			
9	TBE	(tcv_TestBody := FALSE)		(P)	
10		+ts_TC_DeactivateRB_TestMode(tsc_DefaultCellId)			
11		+po_ConnectionAndSS_Rel(tsc_DefaultCellId)			
12		[px_RAT = tdd ]		|	
13		[TRUE ]		|	
14		[TRUE ]		|	

CHANGE REQUEST

34.123-3 CR 1163 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to Package 2 RRC test case 8.3.2.11 to increase the timer while waiting for URA Update.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 20/09/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2	(GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96	(Release 1996)
	B (addition of feature),	R97	(Release 1997)
	C (functional modification of feature)	R98	(Release 1998)
	D (editorial modification)	R99	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# The current timer value (13.5 sec) is not sufficient for receiving URA Update. UE being in URA_PCH state may need more time to detect the loss of camping cell, detect new cell, then read system info to find URA is different.
Summary of change:	# The timer value at line 4 of It_TestBody is increased to 25 seconds
Consequences if not approved:	# Test case may fail a conformant UE.

Clauses affected:	# None										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	#	X	#	X	#	X	Other core specifications	#
Y	N										
#	X										
#	X										
#	X										
		Test specifications	#								
		O&M Specifications	#								
Other comments:	#										

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downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test Step	tc_8_3_2_11, local test step It_TestBody
Reason for change	The current timer value (13.5 sec) is not sufficient for receiving URA Update. UE being in URA_PCH state may need more time to detect the loss of camping cell, detect new cell, then read system info to find URA is different.
Summary of change	The timer value at line 4 of It_TestBody is increased to 25 seconds
Source of change	New change

Before:

12	ERR2	[TRUE]			I	
It_TestBody						
13		+ts_SS_CreateCellFACH (tsc_CellID)				Configure lower tester of CellID @sic OG 10/03/04 T1-040094 sic@
14		+ts_SendDefSysInfo (tsc_CellID)				Sends the default system information in CellID @sic OG 10/03/04 T1-040094 sic@
15		+ts_SetAttenuationLevel (tsc_CellA, 19)				Step 2 Set Atte as per table 8.3.2.11-1 of T1
16		START t_WaitMS				
17	TBF1	? TIMEOUT t_WaitMS			(F)	
18	TBP1	TM ? RLC_TR_DATA_IND	car_URA_Update (		(P)	Step 2 . UE sends URA UPDATE with "URA update cause" set to "ChangeofURA". @sic OG 10/03/04 T1-040094 sic@
		CANCEL t_WaitMS	tsc_CellID, tsc_RB0, cr_108_URA_Update (tcv_CellInfoA.urn TI, changeOfURA, no Error:NULL))			
19		+ts_HO_ReconfFACH_To				SS Reconfiguratio

After:

12	ERR2	[TRUE]			I	
It_TestBody						
13		+ts_SS_CreateCellFACH (tsc_CellID)				Configure lower tester of CellID @sic OG 10/03/04 T1-040094 sic@
14		+ts_SendDefSysInfo (tsc_CellID)				Sends the default system information in CellID @sic OG 10/03/04 T1-040094 sic@
15		+ts_SetAttenuationLevel (tsc_CellA, 19)				Step 2 Set Atte as per table 8.3.2.11-1 of T1
16		START t_WaitMS (25000)				
17	TBF1	? TIMEOUT t_WaitMS			(F)	
18	TBP1	TM ? RLC_TR_DATA_IND	car_URA_Update (		(P)	Step 2 . UE sends URA UPDATE with "URA update cause" set to "ChangeofURA". @sic OG 10/03/04 T1-040094 sic@
		CANCEL t_WaitMS	tsc_CellID, tsc_RB0, cr_108_URA_Update (tcv_CellInfoA.urn TI, changeOfURA, no Error:NULL))			
19		+ts_HO_ReconfFACH_To				SS Reconfiguratio

CHANGE REQUEST

34.123-3 CR 1164 # rev **-** # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to Approved RRC Package 1 TC 8.1.2.2		
Source:	# Ericsson		
Work item code:	# TEI	Date:	# 10/09/2004
Category:	# F	Release:	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2	(GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96	(Release 1996)
	B (addition of feature),	R97	(Release 1997)
	C (functional modification of feature)	R98	(Release 1998)
	D (editorial modification)	R99	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Prose for TC 8.1.2.2 states that SIB5 has SIB6 indicator set to FALSE, but in TTCN it is set to TRUE. Even though SIB6 is not present.
Summary of change:	# A new SIB5 constraint called cb_SIB5_NoSIB6 is created, used in TC were SIB6 indicator is set to FALSE.
Consequences if not approved:	# TC will not be consistent with prose, and it might fail a conformant UE.

Clauses affected:	# tc_8_1_2_2		
Other specs affected:	#	Y	N
		#	X
		#	X
		#	X
Other comments:	# Affects R99, Rel4 and Rel5 UEs.		

How to create CRs using this form:

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Before:

tc_8_1_2_2

Test Case Name	tc_8_1_2_2		
Group	RRC/RRC_ConnMgmt/		
Purpose	To confirm that the UE retries to establish the RRC connection until timer T300 when the SS transmits no response for an RRC CONNECTION F		
Configuration			
Default	RRC_DefConnEst		
Comments			
Selection Ref	FDD_Mode		
Description	RRC Connection Establishment: Success after T300 timeout		
Nr	Label	Behaviour Description	Constraints Ref
1		START t_Guard	
2		[px_RAT =fdd]	
3		+ ts_RRC_InitVariables (cell_FACH)	
4		+ ts_SS_CreateCellFACH_2_PRACH (tsc_Cella	
5		) + ts_SendSysInfo_2PRACH (tsc_Cella , cb_SIB5_Def (tcv_CellInfoA))	
6		+ ts_IdleUpdated (tsc_Cella)	
7		..... . .
Detailed Comments			

After:

tc_8_1_2_2

Test Case Name	tc_8_1_2_2		
Group	RRC/RRC_ConnMgmt/		
Purpose	To confirm that the UE retries to establish the RRC connection until timer T300 when the SS transmits no response for an RRC CONNECTION F		
Configuration			
Default	RRC_DefConnEst		
Comments			
Selection Ref	FDD_Mode		

Description		RRC Connection Establishment: Success after T300 timeout	
Nr	Label	Behaviour Description	Constraints Ref
1		START t_Guard	
2		[px_RAT=fdd]	
3		+ ts_RRC_InitVariables (cell_FACH)	
4		+ ts_SS_CreateCellFACH_2_PRACH (tsc_Cella)	
5		+ ts_SendSysInfo_2PRACH (tsc_Cella , cb_SIB5_NoSIB6 (tcv_CellInfoA))	
6		+ ts_IdleUpdated (tsc_Cella)	
7		.....
Detailed Comments			

New constraint (copy of [cb_SIB_Def](#) but with [sib6indicator](#) False):

cb_SIB5_NoSIB6

Constraint Name	cb_SIB5_NoSIB6 (p_CellInfo : CellInfoCfg)
ASN1 Type	SysInfoType5
Derivation Path	
Encoding Variation	
Comments	Default system information block type 5
Constraint Value	<pre> { sib6indicator FALSE, pich_PowerOffset p_CellInfo.powerPICH, modeSpecificInfo fdd : { aich_PowerOffset p_CellInfo.powerAICH }, primaryCCPCH_Info OMIT, prach_SystemInformationList {{ prach_RACH_Info { modeSpecificInfo fdd : { availableSignatures tsc_PRACH1_Signatures, availableSF tsc_PRACH1_SF, preambleScramblingCodeWordNumber tsc_PRACH1_ScrC, puncturingLimit p11, availableSubChannelNumbers '111111111111'B } }, transportChannelIdentity tsc_RACH1, rach_TransportFormatSet commonTransChTFS : c_RACH_TFS_UE, rach_TFCS normalTFCSI_Signalling : complete : { ctfcSize ctfc2Bit : {{ ctfc2 0, powerOffsetInformation { gainFactorInformation computedGainFactors : 0, powerOffsetPp_m 0 } } }, }, </pre>

```

    { ctfc2 1,
      powerOffsetInformation {
        gainFactorInformation signalledGainFactors : {
          modeSpecificInfo fdd : {
            gainFactorBetaC 11
          },
          gainFactorBetaD 15,
          referenceTFC_ID 0 },
        powerOffsetPp_m 0
      }
    }
  } },
prach_Partitioning fdd : {{
  accessServiceClass_FDD OMIT
  },
  {
    accessServiceClass_FDD {
      availableSignatureStartIndex 0,
      availableSignatureEndIndex 7,
      assignedSubChannelNumber '1111'B
    }
  },
  {
    accessServiceClass_FDD OMIT
  },
  {
    accessServiceClass_FDD {
      availableSignatureStartIndex 0,
      availableSignatureEndIndex 7,
      assignedSubChannelNumber '1111'B
    }
  },
  {
    accessServiceClass_FDD OMIT
  },
  {
    accessServiceClass_FDD {
      availableSignatureStartIndex 0,
      availableSignatureEndIndex 7,
      assignedSubChannelNumber '1111'B
    }
  },
  {
    accessServiceClass_FDD OMIT
  },
  {
    accessServiceClass_FDD {
      availableSignatureStartIndex 0,
      availableSignatureEndIndex 7,
      assignedSubChannelNumber '1111'B
    }
  }
}},
persistenceScalingFactorList { psf0_9, psf0_9, psf0_9, psf0_9,
psf0_9, psf0_9 },
ac_To_ASC_MappingTable { 6, 5, 4, 3, 2, 1, 0 },
modeSpecificInfo fdd : {
  primaryCPICH_TX_Power 31,
  constantValue -10,
  prach_PowerOffset {
    powerRampStep 3, -- db
    preambleRetransMax 4
  }
}

```

```

    },
    rach_TransmissionParameters {
        mmax 2,
        nb0lMin 3,
        nb0lMax 10
    },
    aich_Info {
        channelisationCode256 tsc\_AICH1\_ChC,
        sttd_Indicator FALSE,
        aich_TransmissionTiming e0
    }
}
}},
sCCPCH_SystemInformationList {{
    secondaryCCPCH_Info {
        modeSpecificInfo fdd : {
            dummy1 mayBeUsed, -- mandatory ie
            secondaryScramblingCode OMIT,
            sttd_Indicator FALSE,
            sf_AndCodeNumber tsc\_S\_CCPCH1\_ChC,
            pilotSymbolExistence FALSE,
            tfci_Existence TRUE,
            positionFixedOrFlexible flexible,
            timingOffset 0
        }
    },
    tfcs normalTFCI_Signalling : complete: {ctfcSize ctfc4Bit : {
        {ctfc4 0 }, {ctfc4 1 }, {ctfc4 2 }, {ctfc4 3 }, {ctfc4 4 },
{ctfc4 5 }, {ctfc4 6 }, {ctfc4 8}}},
    fach_PCH_InformationList { {
        transportFormatSet commonTransChTFS : c\_PCH\_TFS\_UE,
        transportChannelIdentity tsc\_PCH1, -- PCH
        ctch_Indicator FALSE
    },
    {
        transportFormatSet commonTransChTFS : c\_FACH\_TFS\_UE,
        transportChannelIdentity tsc\_FACH1, -- FACH
        ctch_Indicator FALSE
    },
    {
        transportFormatSet commonTransChTFS : c\_FACH\_TFS\_PS\_UE,
        transportChannelIdentity tsc\_FACH2, -- FACH
        ctch_Indicator FALSE
    }
},
    pich_Info fdd :{
        channelisationCode256 tsc\_PICH1\_ChC,
        pi_CountPerFrame e18,
        sttd_Indicator FALSE
    }
}},
cbs_DRX_Level1Information OMIT,
nonCriticalExtensions OMIT --@sic Tls-040086 sic@
}

```

Detailed Comments

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1165 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Radiolink removal and subsequent addition to align the TTCN with 34.123-1		
Source:	# Anite Telecoms		
Work item code:	# N/A	Date:	# 7/09/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# 1. In It_TestBody of testcase 8.3.4.2, as per 34.123-1 radiolink of Cell A needs to be removed after step 6. 2. Before the power on Cell A is increased, radio link should be established again 3. Comments in It_TestBody line 36 are not correct.
Summary of change:	# 1. In It_TestBody, at line 5 radiolink on cell A is removed 2. In It_TestBody, at line 27 radiolink on cell A is established. 3. Minor modification to comments on line36.
Consequences if not approved:	# TTCN implementation will not be conformant with 34.123-1.

Clauses affected:	#								
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
Other comments:	#								

How to create CRs using this form:

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- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test step	In local tree It_TestBody of testcase 8.3.4.2
Reason for change	<ol style="list-style-type: none"> In It_TestBody of testcase 8.3.4.2, as per the prose RadioLink of Cell A needs to be removed after step 6 Before the power on Cell A is increased, radio link should be established again
Summary of change	<ol style="list-style-type: none"> In It_TestBody, at line 5 radiolink on cell A is removed In It_TestBody, at line 27 radiolink on cell A is established.
Source of change	new change

Before:

			foA.priScrmCode))		
23		+ ts_CalculateActTime (tsc_CellA)			
24		EQ AM ? RLC_AM_DATA_R	cas_ActSetUpdate (tsc_CellDedicated, tsc_RB2, cs_ActSetUpdateRemove (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_ActTime, tcv_CellInfoA.priScrmCode))		Step 7 . ACTIVE SET UPDATE message including "Radio Link Removal Information" for Cell A
25					
26	TBF4	START t_WaitMS ? TIMEOUT t_WaitMS		(F)	Wait for 13 secs
27	TBP4	AM ? RLC_AM_DATA ? _IND CANCEL t_WaitMS	car_ActSetUpdateCmpl (tsc_CellDedicated, tsc_RB2, cr_108_ActSetUpdate	(P)	Step 8. ACTIVE SET UPDATE COMPLETE (removal of link to cell A completed)

After:

			foA.priScrmCode))		
23		+ ts_CalculateActTime (tsc_CellA)			
24		+ts_SHO_ReleaseDL _DPCH (tsc_CellA)			
25		EQ AM ? RLC_AM_DATA_R	cas_ActSetUpdate (tsc_CellDedicated, tsc_RB2, cs_ActSetUpdateRemove (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_ActTime, tcv_CellInfoA.priScrmCode))		Step 7 . ACTIVE SET UPDATE message including "Radio Link Removal Information" for Cell A
26					
27	TBF4	START t_WaitMS ? TIMEOUT t_WaitMS		(F)	Wait for 13 secs
28	TBP4	AM ? RLC_AM_DATA ? _IND CANCEL t_WaitMS	car_ActSetUpdateCmpl (tsc_CellDedicated,	(P)	Step 8. ACTIVE SET UPDATE COMPLETE (removal of link to cell A completed)

Before:

34		AM ? RLC_AM_DATA_CNF	car_AM_DataMUIConf (tsc_CellDedicated, tsc_RB2, tsc_Mui)	
35		+ts_SHO_ReleaseDL_DPCH (tsc_CellB)		Step 12. Set power levels according to column T2 in Table 8.3.4.2. Cell B is "Off". (and RL to cell A has been released in step3)
36		+ts_SS_IncrementCellPowerLevel (tsc_CellA, 15)		Step 12;
37		+ts_SS_SwitchCellOff (tsc_CellB)		Deactivate Cell B; @sic Thomas T1-040940 sic@
38		+It_CellUpdate		
It_CellUpdate				
39	TBP6	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CellA,		Step 13. UE sends CELL UPDATE with "Cell update cause"

After:

			_RB2, tsc_Mui)	
35		+ts_SHO_ReleaseDL_DPCH (tsc_CellB)		Step 12. Set power levels according to column T2 in Table 8.3.4.2. Cell B is "Off". (and RL to cell A has been released in step3)
36		+ts_SHO_ConfigureAdditionalDL_DPCH (tsc_CellA)		
37		+ts_SS_IncrementCellPowerLevel (tsc_CellA, 15)		Step 12;
38		+ts_SS_SwitchCellOff (tsc_CellB)		Deactivate Cell B; @sic Thomas T1-040940 sic@
39		+It_CellUpdate		
It_CellUpdate				
40	TBP6	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CellA,		Step 13. UE sends CELL UPDATE with "Cell update cause"

1.2 Change 2

Test step	In local tree It_TestBody of testcase 8.3.4.2
Reason for change	3. Comments in It_TestBody line 36 are not correct.
Summary of change	3. Minor modification to comments on line36.
Source of change	new change

Before:

34		AM ? RLC_AM_DATA_C NF	car_AM_DataMuiCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui)	
35		+ts_SHO_ReleaseDL_DPCH (tsc_CellB)		Step 12. Set power levels according to column T2 in Table 8.3.4.2. Cell B is "Off". (and RL to cell A has been released in step3)
36		+ts_SHO_ConfigureAdditionalDL_DPCH (tsc_CellA)		
37		+ts_SS_IncrementCellPowerLevel (tsc_CellA, 15)		Step 12;
38		+ts_SS_SwitchCellOff (tsc_CellB)		Deactivate Cell B; @sic Thomas T1-040940 sic@
39		+It_CellUpdate		
It_CellUpdate				

After:

			CheckInfo, tcv_RRC_T1)	
)	
34		AM ? RLC_AM_DATA_C NF	car_AM_DataMuiCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui)	
35		+ts_SHO_ReleaseDL_DPCH (tsc_CellB)		Step 12. Set power levels according to column T2 in Table 8.3.4.2. Cell B is "Off". (and RL to cell A has been released in step7)
36		+ts_SHO_ConfigureAdditionalDL_DPCH (tsc_CellA)		
37		+ts_SS_IncrementCellPowerLevel (tsc_CellA, 15)		Step 12;
38		+ts_SS_SwitchCellOff (tsc_CellB)		Deactivate Cell B; @sic Thomas T1-040940 sic@
39		+It_CellUpdate		
It_CellUpdate				

CR-Form-v7
CHANGE REQUEST
⌘ 34.123-3 CR 1166 ⌘ rev <input type="text"/> ⌘ Current version: 3.7.0 ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ TTCN Correction to Test Case 14.2.12 and 14.2.16		
Source:	⌘ Anritsu Ltd		
Work item code:	⌘ N/A	Date:	⌘ 06/09/2004
Category:	⌘ F	Release:	⌘ R99
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	⌘ To add in missing steps as specified in 34.123-1 v5.8.0
Summary of change:	⌘ 1 table modified in iWD-TVB2003-03_D04wk31, For more details see below.
Consequences if not approved:	⌘ Test case will not be consistent with the prose and fail validation.

Clauses affected:	⌘ N/A						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	⌘	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
Other comments:	⌘						

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Title	TTCN Correction to Test Case 14.2.12 and 14.2.16
Source	Anritsu
Agenda Item	N/A
Document for	Approval
Contact	Dan Fox (Anritsu) dan.fox@eu.anritsu.com Tel: +44 1582 433357

Table Of Contents

1	Tables Modified in iWD-TVB2003-03_D04wk31	4
1.1	ts_RB_SubTest_RB10_TM_CS	4

1 Tables Modified in iWD-TVB2003-03_D04wk31

1.1 ts_RB_SubTest_RB10_TM_CS

Reason for Change: The OpenUE_TestLoop is not always sent after subtest 2.

Summary of change: In line 8 and 11, added call to ts_TC_OpenUE_TestLoop() to Open the UE test loop.

Test Step	
	ts_RB_SubTest_RB10_TM_CS (p_Data : BITSTRING; p_TFC_UL, p_TFC_DL : TFC_Subset; p_TestLoopModel : UE_TestLoopModel; p_DataLength, p_NoOfSDU : INTEGER)
Group Ref:	RB_Steps/RB_Subtests/
	SS limits the UE allowed uplink transport format combinations, SS closes the test loop, the UE transmits on RB10 an RLC SDU. UE shall send back the same RLC SDU. Refer to steps 11 to 17 of clause 14.1.1
	RRC_Def1
	@SIC_NAPP

Behaviour Description	Constraint Ref	Ver
RLC_AM_DATA_REQ	cas_TransportFormatCombCtrlAM (tsc_CellDedicated, tsc_RB2, cbs_TransportFormatCombCtrl (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, p_TFC_UL))	
ts_TC_CloseUE_TestLoop (tsc_CellDedicated, UE_TestLoopModel, p_TestLoopModeSetup)		
tcv_RB_Data1 := o_GetMostSignificantBits (p_Data , taLength))		
+ts_SS_TFC_Restriction (tsc_CellDedicated, p_TFC_UL, C_DL)		
TM ! RLC_TR_TestDataReq	cas_RLC_DataReq (tsc_CellDedicated, tsc_RB10, c_TrD_Data (tcv_RB_Data1))	
[p_NoOfSDU = 2]		
+ts_Receive2SDUsAccrossTTI(tcv_RB_Data1,p_DataLength, TO_INT(p_TestLoopModeSetup.lB_SetupRB_IE1.rLC_SDU_Size))		
+ ts_TC_OpenUE_TestLoop (tsc_CellDedicated)		
[p_NoOfSDU = 3]		
+ts_Receive3SDUsAccrossTTI(tcv_RB_Data1,p_DataLength, TO_INT(p_TestLoopModeSetup.lB_SetupRB_IE1.rLC_SDU_Size))		
+ ts_TC_OpenUE_TestLoop (tsc_CellDedicated)		

[p_NoOfSDU = 4]		
+ts_Receive4SDUsAccrossTTI(tcv_RB_Data1,p_DataLength, TO_INT(p_TestLoopModeSetup.lB_SetupRB_IE1.rLC_SDU_Size))		
+ ts_TC_OpenUE_TestLoop (tsc_CellDedicated)		

ment:	
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CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1167 # rev **-** # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to Approved RRC Package 2 TC 8.4.1.2		
Source:	# Anritsu Ltd.		
Work item code:	# TEI	Date:	# 06/09/2004
Category:	# F	Release:	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2	(GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96	(Release 1996)
	B (addition of feature),	R97	(Release 1997)
	C (functional modification of feature)	R98	(Release 1998)
	D (editorial modification)	R99	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# The primary scrambling code specified in 34.108 for cell D is 250. The TTCN currently uses 100 which is inconsistent with the prose.
Summary of change:	# Line 36, the primary scrambling code has been changed fro 100 to 250.
Consequences if not approved:	# TTCN will not be consistent with the prose.

Clauses affected:	# tc_8_4_1_2										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	#	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N										
#	#										
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
Other comments:	# Affects R99, Rel4 and Rel5 UEs.										

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Test Case	
Test Case Id:	tc_8_4_1_2
Test Group Reference:	RRC_Measurements/
Purpose:	<p>1. To confirm that the UE stops monitoring the list of cells assigned in the IE "inter-frequency cell info" in System Information Block type 11 messages, after it enters CELL_DCH state from idle mode.</p> <p>2. To confirm that the UE starts to perform inter-frequency measurement and related reporting activities, when it receives a MEASUREMENT CONTROL message with the "DPCH compress mode status info" IE indicating that a stored compressed mode pattern sequence be simultaneously activated.</p> <p>3. To confirm that the UE excludes the IE "cell measured results" for any cells in the MEASUREMENT REPORT messages, after it receives a MEASUREMENT CONTROL message with "Reporting cell status" IE omitted.</p>
Configuration:	
Defaults:	RRC_Def1
Comments:	

Behaviour Description	Constraint Ref	Ver
t_Guard		
RAT = fdd]		
itVariables		
SS_CreateCellDCH (tsc_CellA)		
_SendDef_sysInfo_MultiCellWithoutSIB12 (IIA)		
ts_SS_CreateCellFACH (tsc_CellID)		
+ts_SendDef_sysInfo_MultiCellWithoutSIB12 ellID)		

+ts_IdleUpdated (tsc_CellA)		
+lt_LocalTest		
+po_ConnectionAndSS_Rels		
RAT = tdd]		
E]		I
estBody := TRUE)		
ndModifiedSIB11_SysInfo (tsc_CellA , 1_ModifiedMeasControl (FALSE, OMIT, llInfoA, tcv_CellInfoB , tcv_CellInfoC, llInfoD, tcv_CellInfoE, tcv_CellInfoF , llInfoG, tcv_CellInfoH))		
alculateActTime (tsc_CellA)		
ToStateMOCcompressMode_CS_6_9_PS_6_10 CellA , c_RegOR_MO_MO , :C_EstCauMO)		
_CalculateActTime (tsc_CellA)		

yChReconf_CompressedModeActivate_noTGPS (actTime)		
START t_WaitMS (10 * 1000)		
AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterFreqPeriodic (*, tcv_CellInfoA, *, *, *))	(F)
?TIMEOUT t_WaitMS		(P)
[erFreq_DL_CompressedModeRequired) OR erFreq_UL_CompressedModeRequired)]		
+It_UptoStep_10_CompressedMode		
AM ! RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlSetupOnEventReporting (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, 1, tcv_CellInfoD, FALSE, FALSE, TRUE, FALSE))	
AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterFreqEvent (1, tcv_CellInfoD))	(P)

+ts_C3_CheckCellDCH (tsc_CellA)		
(tcv_TestBody := FALSE)		(P)
[((NOT InterFreq_DL_CompressedModeRequired) AND InterFreq_UL_CompressedModeRequired))]		
+It_UptoStep_10_NonCompressedMode		
AM ! RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlSetupOnEventReporting (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, 1, tcv_CellInfoD, FALSE, FALSE, TRUE, FALSE))	
AM ? RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterFreqEvent (1, tcv_CellInfoD))	(P)
+ts_C3_CheckCellDCH (tsc_CellA)		
(tcv_TestBody := FALSE)		(P)
TC_InitVariables (cell_DCH)		
CellInfoA := c_CellInfoDiff (CellA, px_PriScrmCode, CellA_IdCellA, tsc_CRNTI , px_TCellA, N_OffsetA, tcv_FreqInfoMid, CellA_ScramblingCode))		
CellInfoD := c_CellInfoDiff (CellD, px_PriScrmCode+150, CellA_IdCellID, tsc_CRNTI , 0, tsc_SFN_OffsetD, FreqInfoHigh, ((px_UL_ScramblingCode +3000 16777216)))		
tcv_CellInfoD.attenuationLevel := CellInfoD.powerpCPICH+75)		
tcv_CellInfoA.attenuationLevel := CellInfoA.powerpCPICH+60)		
CalculateActTime (tsc_CellA)		

RRC_RAB_Type = cell_DCH_Speech]		
RLC_AM_DATA_REQ	cas_PhyChReconf (tsc_CellDedicated, tsc_RB2, cds_PhyChReconf_Speech (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_ActTime, tcv_CellInfoA.frequencyInfo, tcv_CellInfoA.priScrmCode, tcv_CellInfoA.ul_ScramblingCode))	
PHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCHInfo_DL (c_DL_DPCHInfo (c_DL_CommonInformation_DCH_ToDCH_TFCI (tsc_DL_DPCH1_SFP_Speech, 1), c_DL_DPCH_InfoPerRL (tsc_DL_DPCH1_2ndScrC, tsc_DL_DPCH1_ChC_Speech)))	
PHY ? CPHY_RL_Modify_CNF	ca_CompressedModeInfoCNF (tsc_CellA, tsc_DL_DPCH1)	
PHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCHInfo_UL (cb_UL_DPCH_Info (tsc_UL_DPCH_SF_Speech, pl0_84, tcv_CellInfoA.ul_ScramblingCode))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModeInfoCNF (tsc_CellA, tsc_UL_DPCH1)	
+ts_RRC_ReceivePhyChReconfCmpl CellA , tcv_RRC_RAB_Type)		
RRC_RAB_Type = CellH_64kCS_RAB_SRB]		
RLC_AM_DATA_REQ	cas_PhyChReconf (tsc_CellDedicated, tsc_RB2,	

	<p>cds_PhyChReconf64k_CS (</p> <p>tcv_CellIndInfo.dl_IntegrityCheckInfo,</p> <p>tcv_RRC_Ti,</p> <p>tcv_ActTime,</p> <p>tcv_CellInfoA.frequencyInfo, tcv_CellInfoA.priScrmCode,</p> <p>tcv_CellInfoA.uL_ScramblingCode))</p>	
PHY ! CPHY_RL_Modify_REQ	<p>ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_DL_DPCH1,</p> <p>tcv_ActTime,</p> <p>c_DPCHInfo_DL (c_DL_DPCHInfo (</p> <p>c_DL_CommonInformation_DCH_ToDCH_TFCI (</p> <p>tsc_DL_DPCH1_SFP_64k_CS,1),</p> <p>c_DL_DPCH_InfoPerRL (tsc_DL_DPCH1_2ndScrC,</p> <p>tsc_DL_DPCH1_ChC_64k_CS)))</p>	
PHY ? CPHY_RL_Modify_CNF	<p>ca_CompressedModeInfoCNF (tsc_CellA, tsc_DL_DPCH1)</p>	
PHY ! CPHY_RL_Modify_REQ	<p>ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_UL_DPCH1,</p> <p>tcv_ActTime,</p> <p>c_DPCHInfo_UL (cb_UL_DPCH_Info (tsc_UL_DPCH_SF_64k_CS,</p> <p>pl0_88, tcv_CellInfoA.uL_ScramblingCode)))</p>	
CPHY ? CPHY_RL_Modify_CNF	<p>ca_CompressedModeInfoCNF (tsc_CellA, tsc_UL_DPCH1)</p>	
+ts_RRC_ReceivePhyChReconfCmpl		
CellA , tcv_RRC_RAB_Type)		
RRC_RAB_Type =		
[SRB_57_6kCS_RAB_SRB]		
RLC_AM_DATA_REQ	<p>cas_PhyChReconf (</p> <p>tsc_CellDedicated,</p> <p>tsc_RB2,</p> <p>cds_PhyChReconf57_6k_CS (</p> <p>tcv_CellIndInfo.dl_IntegrityCheckInfo,</p> <p>tcv_RRC_Ti,</p> <p>tcv_ActTime,</p> <p>tcv_CellInfoA.frequencyInfo, tcv_CellInfoA.priScrmCode,</p> <p>tcv_CellInfoA.uL_ScramblingCode))</p>	

PHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCHInfo_DL (c_DL_DPCHInfo (c_DL_CommonInformation_DCH_ToDCH_TFCI (tsc_DL_DPCH1_SFP_Streaming,1), c_DL_DPCH_InfoPerRL (tsc_DL_DPCH1_2ndScrC, tsc_DL_DPCH1_ChC_Streaming))))	
PHY ? CPHY_RL_Modify_CNF	ca_CompressedModeInfoCNF (tsc_CellA, tsc_DL_DPCH1)	
PHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCHInfo_UL (cb_UL_DPCH_Info (tsc_UL_DPCH_SF_Streaming, pl0_96, tcv_CellInfoA.uL_ScramblingCode)))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModeInfoCNF (tsc_CellA, tsc_UL_DPCH1)	
+ts_RRC_ReceivePhyChReconfCmpl CellA , tcv_RRC_RAB_Type)		
RRC_RAB_Type = [CH_64kPS_RAB_SRB]		
RLC_AM_DATA_REQ	cas_PhyChReconf (tsc_CellDedicated, tsc_RB2, cds_PhyChReconf64k_PS (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_ActTime, tcv_CellInfoA.frequencyInfo, tcv_CellInfoA.priScrmCode, tcv_CellInfoA.uL_ScramblingCode))	
PHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_DL_DPCH1, tcv_ActTime,	

	c_DPCHInfo_DL (c_DL_DPCHInfo (c_DL_CommonInformation_DCH_ToDCH_TFCI (tsc_DL_DPCH1_SFP_64k_PS,1), c_DL_DPCH_InfoPerRL (tsc_DL_DPCH1_2ndScrC, tsc_DL_DPCH1_ChC_64k_PS))))	
PHY ? CPHY_RL_Modify_CNF	ca_CompressedModeInfoCNF (tsc_CellA, tsc_DL_DPCH1)	
PHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCHInfo_UL (cb_UL_DPCH_Info (tsc_UL_DPCH_SF_64k_PS, pl0_96, tcv_CellInfoA.uL_ScramblingCode)))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModeInfoCNF (tsc_CellA, tsc_UL_DPCH1)	
+ts_RRC_ReceivePhyChReconfCmpl CellA , tcv_RRC_RAB_Type)		
CompressedMode		
PhyChReconf		
t_WaitMS (256 * 20)		
EOU t_WaitMS		
CalculateActTime (tsc_CellA)		
RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlInterFreq_8412 (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, 1, tcv_CellInfoD, cpich_RSCP, FALSE, FALSE, OMIT, FALSE, TRUE,	

	ril16, c_DPCH_CompressedModeStatusInfoActive (tcv_TGCFN , 1 , tcv_TGCFN)))	
[tcv_RRC_RAB_Type = cell_DCH_Speech]		
CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCHInfo_DL (c_DL_DPCHInfo (c_DL_CommonInformationRB_SetUp_DL_ULCompressModelInfo_Activate (tsc_DL_DPCH1_SFP_Speech, tcv_TGCFN, 0), c_DL_DPCH_InfoPerRL (tsc_DL_DPCH1_2ndScrC, tsc_DL_DPCH1_ChC_Speech))))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF (tsc_CellA, tsc_DL_DPCH1)	
CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCHInfo_UL (cb_UL_DPCH_Info (tsc_UL_DPCH_SF_Speech, pl0_84, tcv_CellInfoA.uL_ScramblingCode)))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF (tsc_CellA, tsc_UL_DPCH1)	
+lt_check_measurement_reports		
[tcv_RRC_RAB_Type = >H_64kCS_RAB_SRB]		
CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCHInfo_DL (c_DL_DPCHInfo (c_DL_CommonInformationRB_SetUp_DL_ULCompressModelInfo_Activate (tsc_DL_DPCH1_SFP_64k_CS, tcv_TGCFN, 0), c_DL_DPCH_InfoPerRL (tsc_DL_DPCH1_2ndScrC, tsc_DL_DPCH1_ChC_64k_CS))))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF (tsc_CellA, tsc_DL_DPCH1)	
CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCHInfo_UL (cb_UL_DPCH_Info (tsc_UL_DPCH_SF_64k_CS,	

	pl0_88, tcv_CellInfoA.uL_ScramblingCode))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF (tsc_CellA, tsc_UL_DPCH1)	
+It_check_measurement_reports		
[tcv_RRC_RAB_Type = >H_57_6kCS_RAB_SRB]		
CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCHInfo_DL (c_DL_DPCHInfo (c_DL_CommonInformationRB_SetUp_DL_ULCompressModelInfo_Activate (tsc_DL_DPCH1_SFP_Streaming, tcv_TGCFN , 0), c_DL_DPCH_InfoPerRL (tsc_DL_DPCH1_2ndScrC, tsc_DL_DPCH1_ChC_Streaming)))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF (tsc_CellA, tsc_DL_DPCH1)	
CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCHInfo_UL (cb_UL_DPCH_Info (tsc_UL_DPCH_SF_Streaming, pl0_96, tcv_CellInfoA.uL_ScramblingCode)))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF (tsc_CellA, tsc_UL_DPCH1)	
+It_check_measurement_reports		
[tcv_RRC_RAB_Type = >H_64kPS_RAB_SRB]		
CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCHInfo_DL (c_DL_DPCHInfo (c_DL_CommonInformationRB_SetUp_DL_ULCompressModelInfo_Activate (tsc_DL_DPCH1_SFP_64k_PS, tcv_TGCFN , 0), c_DL_DPCH_InfoPerRL (tsc_DL_DPCH1_2ndScrC, tsc_DL_DPCH1_ChC_64k_PS)))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF (tsc_CellA, tsc_DL_DPCH1)	
CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA, tsc_UL_DPCH1, tcv_ActTime,	

	c_DPCHInfo_UL (cb_UL_DPCH_Info (tsc_UL_DPDCH_SF_64k_PS, pl0_96, tcv_CellInfoA.uL_ScramblingCode)))	
CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF (tsc_CellA, tsc_UL_DPCH1)	
+It_check_measurement_reports		
onCompressedMode		
t_WaitMS (256 * 20)		
OUT t_WaitMS		
calculateActTime (tsc_CellA)		
RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlInterFreq (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, 1, tcv_CellInfoD, cpich_RSCP, FALSE, FALSE, OMIT, FALSE, TRUE, ril16, OMIT))	
_check_measurement_reports		
ment_reports		
olerance := (16 * 1000) / 10)		
t_WaitMS (16 * 1000 + tcv_Tolerance)		
EOUT t_WaitMS		(F)

RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterFreqPeriodic (1, tcv_CellInfoD, OMIT,OMIT , ?))	(P)
ICEL t_WaitMS		
ART t_WaitMS (16 * 1000 + tcv_Tolerance)		
TIMEOUT t_WaitMS		(F)
M ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterFreqPeriodic (1, tcv_CellInfoD, OMIT,OMIT , ?))	(P)
CANCEL t_WaitMS		

Detailed Comment:	
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CR-Form-v7

CHANGE REQUEST

34.123-3 **CR 1168** # rev - # Current version: **3.7.0**

For [HELP](#) on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Corrections to GCF package 2 IR_U test case 6.2.1.1		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 03/09/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# To add corrections to approved GCF package 2 IR_U test case 6.2.1.1
Summary of change:	# This document lists the additional changes to be applied to test case 6.2.1.1.
Consequences if not approved:	# The test case will not operate properly.

Clauses affected:	# N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> </table>	Y	N	#	X	#	X	#	X	Other core specifications Test specifications O&M Specifications	#
Y	N										
#	X										
#	X										
#	X										
Other comments:	#										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

01 Jan - 31 Dec 2004

Title: Corrections to test case 6.2.1.1

Source: Rohde & Schwarz

Agenda Item: TTCN Issues

Document for: Approval

Contact: Holger Jauch
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1 Overview

This document is a CR on approved test case 6.2.1.1. It lists all the changes needed to correct detected problems in the TTCN implementation of test case 6.2.1.1 which is part of the IR_U test suite.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs.

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3 Verification Test Summary

Test Case: tc_6_2_1_1
Test Group: DualIdleMode/
ATS Version: IR_U_wk31.mp

4 Corrections required for test case 6.2.1.1

4.1 Introduction

This CR presents corrections on DualIdleMode test case tc_6_2_1_1, which has been approved and is in the validation process.

The ATS enclosed in T1s040537.zip [1] contains the modifications of test case tc_6_2_1_1 described in this document. The corrections to the errors listed in T1s040558.doc [5] have been performed, as far as applicable.

Note: The ATS enclosed in T1s040537.zip [1] contains a few change labels which are not explicitly mentioned in the text. This is because the environment of the current test case shares some defaults with other test cases, but the changes in the defaults do not affect the current test case. These changes are described in other CRs provided in sequence with the current CR.

For the ATS modifications as identified by the 'Change labels' as defined in the subsequent subclauses, the following principles apply:

- a) If the changes are explicitly described in this CR, and the related TTCN objects **are contained** in IR_U_wk31.mp [2], the change description refers to this ATS;
- b) All other change labels (if present) refer to proposals for new TTCN Objects.

Annex A contains a table listing all change label/affected object combinations, as well as their reference ATSS.

4.2 Presentation of the modifications

The modifications are presented by the use of '**Change Tables**' as described below, and by **screenshots** taken from the relevant parts of changed TTCN objects in TTCN.GR format.

In addition, if the **reason for a change** cannot be expressed in a few table lines, particular subclauses of clause 4 may be generated for detailed argumentation.

The '**Change Tables**' have the format described in the example below (all entries in the second column are for demonstration purposes only):

Table 1: Example Change Table

TTCN object	<i>tc_6_2_1_1</i>
Reference ATS	<i>IR_U_wk31.mp [2]</i>
Change Label	WA#2G3RRC0110
Reason for change	<i><Textual description of change reason></i> .
Summary of change	<i><Textual description of performed changes></i>
Other affected objects	<i><GOTO fields to other change descriptions></i> (optional)
ETSI comment	
R&S conclusion	

- TTCN object:** Identifier(s) of one or more TTCN objects having a global context in the TTCN ATS. Typically only one TTCN object occurs. More than one object is listed only, when:
- a) All objects belong to the same TTCN Object Class; and
 - b) All objects are either created, or are modified in the same systematic way; and
 - c) No other change is proposed for the listed objects.
- Reference ATS:** ETSI ATS containing the referred TTCN object(s), relative to which the current change description applies.
- Change Label:** Textual identifier starting with the fixed string 'WA#2G3RRC', followed by a 4-digit number (e.g. WA#2G3RRC0110). A Change Label is assigned when a particular problem is recognized during the verification work. More than one TTCN Object may be affected by the proposed solution to this problem.
- Reason for change:** Textual description of the reason why the change is proposed.
- Summary of change:** Short description of what is proposed for change.
- Other affected objects:** List of one or more GOTO fields, pointing to other TTCN objects having assigned the same Change Label, i.e. all other objects being affected by the problem giving rise to the current Change Label.
- ETSI comment:** This field may be used by ETSI colleagues giving a dedicated reply to the current CR document. Otherwise it is filled by the R&S 2G3 group when another kind of response is received from ETSI.
- R&S conclusion:** Filled by the R&S 2G3 group when the ETSI answer does not indicate acceptance of the change request.

4.3 Modifications inside the tc_6_2_1_1 behaviour table

TTCN object	tc_6_2_1_1
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0341
Reason for change	In It_LocalTest ts_MMI_Cmd was added to prompt the use to switch off the UE. But this does not change the value of tcv_UE_SwitchedON, so that in the next subtest, the user is not prompted to switch the UE back on again.
Summary of change	Use ts_MMI_UE_SwitchON.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0344
Reason for change	The L2 connection on the combined SDCCH is not released after IMSI detach. This causes problems when L2 is established later.
Summary of change	Add an attachment of test step ts_G_ChannelRelease after the IMSI detach.
Other affected objects	ts_DetachOnSwitchOffRATSpecific
ETSI comment	
R&S conclusion	

Test Case

Test Case Id:	tc_6_2_1_1
Test Group Reference:	DualIdleMode/
Purpose:	1.To verify that the UE selects the correct combination of PLMN and associated access technology according to the fields on the USIM.
Configuration:	
Defaults:	IntersystemDef
Comments:	

Nr	Label	Behaviour Description	...	...	Comments
1		START t_Guard			
2		[px_RAT=fdd]			FDD specific behaviour
3		+It_InitVariables			
4		+ts_SS_CreateCellFACH(tsc_CellA)			Configure lower tester for cell A(cell 2 in Prose)
5		+ts_SendDefSysInfo_PLMN_RAT(tsc_CellA)			Sends the default system information in CellA
6		+ts_SS_CreateCellFACH(tsc_CellB)			Configure lower tester cell B(cell 3 in Prose)
7		+ts_SendDefSysInfo_PLMN_RAT(tsc_CellB)			Sends the default system information in CellB
8		+ts_CreateCell_GSM_Comb (tsc_GSM_CellA)			(cell 1 in Prose)
9		+ts_SendDefSysInfoGSM_With3SI2ter(tsc_GSM_CellA,tsc_PhyCh0, INT_TO_BIT (tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd. uarfcn_DL,14),INT_TO_BIT(tcv_CellInfoB.frequencyInfo.modeSpecificInfo.fdd. uarfcn_DL,14),tsc_G_QSearch_I,'1000'B,'000'B, si2ter)			@sic T1s040275 sic@
10		+ts_CreateCell_GSM_Comb(tsc_GSM_CellB)			(cell 4 in Prose)
11		+ts_SendDefSysInfoGSM_With3SI2ter(tsc_GSM_CellB,tsc_PhyCh0, INT_TO_BIT (tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd. uarfcn_DL,14),INT_TO_BIT(tcv_CellInfoB.frequencyInfo.modeSpecificInfo.fdd. uarfcn_DL,14),tsc_G_QSearch_I,'1000'B,'000'B, si2ter)			@sic T1s040275 sic@
12		+It_LocalTest			
13		+po_ConnectionAndSS_Rels			To release all the configured but not released cells
14		+It_PO_G_SS_Releases			To release all the configured but not released GSM cells
15	ERR1	[px_RAT=tdd]			TDD specific behaviour
16	ERR2	[TRUE]		I	
It_LocalTest					
17	TBS	(tcv_TestBody:=TRUE)			
18		+ts_MMI_Cmd ("Please insert the USIM card, with Type A EFACC in 6.2.1.1")			Request to insert the USIM A in the UE TEST STEP A
19		+ts_MMI_UE_SwitchOn			Request to switch on the mobile . (TEST STEP B) WA WA#2G3RRC0341

20		[pc_AccessTechPriSupplnHPLMNwACT= TRUE]		The UE is using HPLMN Selector with Access Technology data field on the USIM @sic T1-040971 sic@
21		+ts_GSM_NormalRegistration (tsc_GSM_CellA)		(TEST STEP C)Method C
22		+ts_G_DetachOnSwitchOff (tsc_GSM_CellA)		TEST STEP D @sic T1s040347, ER1909 sic@
23		+ts_G_ChannelRelease (tsc_GSM_CellA, tsc_PhyCh0)		WA#2G3RRC0344
24		+ts_MMI_Cmd ("Please insert the USIM card, with Type B EFACC in 6.2.1.1")		Request to insert the USIM B in the UE TEST STEP D
25		+ts_MMI_UE_SwitchOn		Request to switch on the mobile . (TEST STEP E) @sic T1-040971 sic@ WA #2G3RRC0341
26		+ts_NormalRegistration (tsc_CellB)		(TEST STEP F)Method C
27	TBE1	(tcv_TestBody:=FALSE)		
28		[TRUE]		The UE is not using HPLMN Selector with Access Technology data field on the USIM @sic T1-040971 sic@
29		+ts_NormalRegistration_GSM_Or_UTRAN(tsc_GSM_CellA, tsc_CellA)		(TEST STEP C)Method C @sic T1-040971 sic@
30		+ts_DetachOnSwitchOffRATSpecfic(tcv_RegisteredCellId)		TEST STEP D @sic T1s040347 sic@
31		+ts_MMI_Cmd ("Please insert the USIM card, with Type B EFACC in 6.2.1.1")		Request to insert the USIM B in the UE TEST STEP D
32		+ts_MMI_UE_SwitchOn		Request to switch on the mobile . (TEST STEP E) @sic T1-040971 sic@ WA #2G3RRC0341
33		+ts_HO_ReconfFACH_ToFACH(tsc_CellA,tsc_CellB)		@sic T1-040971 sic@
34		+ts_NormalRegistration_GSM_Or_UTRAN(tsc_GSM_CellB, tsc_CellB)		(TEST STEP F)Method C @sic T1-040971 sic@
35	TBE2	(tcv_TestBody:=FALSE)		
It_InitVariables				
36		+ts_RRC_InitVariables(cell_FACH)		

37	+ts_GSM_InitVariables_TwoCells		Initialises the Variables depending on the GSM Band under usage For all Cells.
38	+ It_ITU_BandSpecificInitializing		
39	(tcv_CellInfoA.mcc:=tsc_MCC_PLMN1,tcv_CellInfoA.mnc:=tsc_MNC_PLMN1,tcv_CellInfoA.lac:=tsc_LAC_PLMN1,tcv_CellInfoA.rac:=tsc_RAC_PLMN1,tcv_CellInfoA.attenuationLevel:=tcv_CellInfoA.powerpCPICH+70,tcv_CellInfoA.attFlag := tsc_AttOn)		Initialize CELL A Variable as the test case demands
40	(tcv_CellInfoB.mcc:=tsc_MCC_PLMN2,tcv_CellInfoB.mnc:=tsc_MNC_PLMN2,tcv_CellInfoB.lac:=tsc_LAC_PLMN2,tcv_CellInfoB.rac:=tsc_RAC_PLMN2,tcv_CellInfoB.attenuationLevel:=tcv_CellInfoB.powerpCPICH+75,tcv_CellInfoB.attFlag := tsc_AttOn)		Initialize CELL B Variable as the test case demands
41	(tcv_G_CellInfoA.mcc:=tsc_MCC_PLMN1,tcv_G_CellInfoA.mnc:=tsc_MNC_PLMN1,tcv_G_CellInfoA.lac:=tsc_LAC2_PLMN1,tcv_G_CellInfoA.downlinkPowerLevel:=tsc_G_DL_PowerLevel_65EMF)		Initialize GCELL A Variable as the test case demands
42	(tcv_G_CellInfoB.mcc:=tsc_MCC_PLMN2,tcv_G_CellInfoB.mnc:=tsc_MNC_PLMN2,tcv_G_CellInfoB.lac:=tsc_LAC2_PLMN2,tcv_G_CellInfoB.downlinkPowerLevel:=tsc_G_DL_PowerLevel_63EMF)		Initialize GCELL B Variable as the test case demands @sic T1-0400647 sic@ @sic T1-0400647 sic@
It_PO_G_SS_Releases			
43	+po_GSM_SS_CellRelease(tsc_GSM_CellA)		G cell A switched off
44	+po_GSM_SS_CellRelease(tsc_GSM_CellB)		G cell B switched off
It_ITU_BandSpecificInitializing			
45	[px_OperationBandSupp = 1]		
46	(tcv_CellInfoA := c_CellInfoDiff (tsc_CellA, ((px_PriScrmCode) MOD 512), tsc_URA_IdCellA, tsc_CRNTI , px_TCellA, tsc_SFN_OffsetA, c_FreqInfoCh1, ((px_UL_ScramblingCode +1000) MOD 16777216)))		
47	(tcv_CellInfoB := c_CellInfoDiff (tsc_CellB, ((px_PriScrmCode + 50) MOD 512), tsc_URA_IdCellB, tsc_CRNTI , px_TCellB, tsc_SFN_OffsetB, c_FreqInfoCh2, ((px_UL_ScramblingCode +2000) MOD 16777216)))		
48	[px_OperationBandSupp = 2]		
49	(tcv_CellInfoA := c_CellInfoDiff (tsc_CellA, ((px_PriScrmCode) MOD 512), tsc_URA_IdCellA, tsc_CRNTI , px_TCellA, tsc_SFN_OffsetA, c_FreqInfoCh1_Band2, ((px_UL_ScramblingCode +1000) MOD 16777216)))		
50	(tcv_CellInfoB := c_CellInfoDiff (tsc_CellB, ((px_PriScrmCode + 50) MOD 512), tsc_URA_IdCellB, tsc_CRNTI , px_TCellB, tsc_SFN_OffsetB, c_FreqInfoCh2_Band2, ((px_UL_ScramblingCode +2000) MOD 16777216)))		
51	[px_OperationBandSupp = 3]		
52	(tcv_CellInfoA := c_CellInfoDiff (tsc_CellA, ((px_PriScrmCode + 50) MOD 512), tsc_URA_IdCellA, tsc_CRNTI , px_TCellA, tsc_SFN_OffsetA, c_FreqInfoCh1_Band3, ((px_UL_ScramblingCode +1000) MOD 16777216)))		
53	(tcv_CellInfoB := c_CellInfoDiff (tsc_CellB, ((px_PriScrmCode + 50) MOD 512), tsc_URA_IdCellB, tsc_CRNTI , px_TCellB, tsc_SFN_OffsetB, c_FreqInfoCh2_Band3, ((px_UL_ScramblingCode +2000) MOD 16777216)))		
Detailed Comment:			

4.4.3 c_G_CellConfigInfoGSM1800_CellB

TTCN object	c_G_CellConfigInfoGSM1800_CellB
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0348
Reason for change	Contraint c_G_CellConfigInfoGSM1800_CellB does not contain a specific value for element extNeighBCCHFreqList2ter. But this is used in the neighbour cell list of SysInfo 2ter and is a mandatory element.
Summary of change	Apply new constraint c_ExtNeighBCCH_FreqLst2terGSM1800B in c_G_CellConfigInfoGSM1800_CellB/extNeighBCCHFreqList2ter.
Other affected objects	c_ExtNeighBCCH_FreqLst2terGSM1800B
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration

Constraint Name:	c_G_CellConfigInfoGSM1800_CellB
Group:	
Type Name:	G_CellConfigInfo
Derivation Path:	
Encoding Variation:	
Comments:	default configuration parameters for GSM 1800. values are taken from 3GPP TS 34.123 Table6.5

Element Name	Element Value	...	Comments
bCCH_Freq	'1001000100'B		BCCH/CCCH carrier frequency (ARFCN) for current cell. None hopping Serving cell: 580
tCH_Freq	c_TCH_FreqGSM1800_CellB		frequency parameters for traffic channel. no hopping ARFCN = 585, as default value not given, the value is assumed as bCCH_Freq+5
sDCCH8_Freq	c_SDCCH8_FreqGSM1800_CellB		frequency parameters for stand alone dedicated control channel. no hopping ARFCN = 590, as default value not given, the value is assumed as bCCH_Freq+10
downlinkPowerLevel	63		Downlink transmission power level = 63 dB uVemf().
cellIdentity	'0002'O		cell identity = '0002'O
mcc	'001'H		mobile country code = 001 (decimal)
mnc	'01'F		mobile network code = 01 (desimal)
lac	'0001'O		location area code = '0001'O
ncc	'001'B		PLMN colour code = '001'B
bcc	'101'B		BS colour code = '101'B
dTX	'10'B		Uplink discontinuous transmission not used. (indecation in BCCH)
dtb8	'0'B		Uplink discontinuous transmission not used. (indecation in SACHH)
dtb65	'10'B		Uplink discontinuous transmission not used. (indecation in SACHH)
attFlag	'1'B		IMSI attach/detach not allowed
cCCH_CONF	'001'B		1 basic physical channel for CCCH combinaed with SDCCH
bS_AG_BLKRES	'000'B		0 block reserved
bS_PA_MFRMS	'011'B		5 paging subgroups
splitOnCCCH	px_SplitOnCCCH		no split pg cycle on CCCH. value taken from PIXIT. (shall be PICS question?)
cell_BAR_ACCESS	'0'B		cell not barred for access
cellBarQualify2	'00'B		cell bar qualify 2 inactive
callReestab	'1'B		Call re-establishment not allowed
timingAdvance	'1'F'O		timing advance value = 30 * 48/13 us
tSC	px_TSC		training sequence code for dedicated channels.
cellAllocation	c_CellAllocGSM1800_CellB		cell allocation, ARFCNs : 580, 585, 590 512 range
neighBCCHFreqList	c_NeighBCCHFreqListGSM1800_CellB		neighbour cell BCCH/CCCH ARFCN's = 520, 610
extNeighBCCHFreqList	-		extended neighbour cell BCCH/CCCH ARFCN's in SI2bis. To be changed while using

extNeighBCCHFreqList2ter	c_ExtNeighBCCH_FreqList2terGSM1800B	extended neighbour cell BCCH/CCCH ARFCN's in sysinfotype2ter. To be changed while using WA#2G3RRC0348
cipherKey	px_CipherKey	cipher key
cipherMode	c_CipherModeSettingGSM	ciphering algorithm and cipher starting flag, 3GPP TS 44.018 clause 10.5.2.9
emergencyCall	'0'B	Emergency call allowed
accessControlClass2	'00000'B	Access control class 11..15 allowed
accessControlClass1	'0000000000'B	Access control class 0..9 allowed
radioLinkTimeout	'0001'B	RADIO-LINK-TIMEOUT = 8 SACCH blocks
t3212	'00'0	T3212 never expire
maxRetrans	'00'B	Maximum number of retransmission = 1
txInteger	'0010'B	Number of slots to spread transmission = 5
cELL_RESELECT_HYSTERESIS	'110'B	cell reselect hysteresis = 12 dB,
ms_TXPWR_MAX_CCH	px_MS_TXPWR_MAX_CCH	MS_TXPWR_MAX_CCH
rxLEV_ACCESS_MIN	px_RXLEV_ACCESS_MIN	minimum received signal level at MS
nECI	'0'B	New establishment causes not supported
aCS	'0'B	no additional parameters in SI 7 and 8.
bandIndicator	'0'B	ARFCN band = DCS1800 band
bandIndicatorAsn1	dcs1800BandUsed	ARFCN band using teh asn.1 type. This value shall be consistent with band Indicator
nccPermitted	'02'0	NCC permitted = 0000 0010
dN_Ind	'0'B	dynamic ARFCN mapping not used
pwrc	'0'B	power control not set.
cellConfiguration	cell_AMR	current configuration of the cell, cell_AMR used as place holder
Detailed Comment:		

4.4.4 c_G_ChannelDescr

TTCN object	c_G_ChannelDescr
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0340
Reason for change	A wrong training sequence code is used in IMMEDIATE ASSIGNMENT after a location update step has been added to all test cases of the group, and this uses the combined SDCCH. The training sequence code on this channel must match the base station colour code (BCC). But the BCC has possibly different values for different test cases. Therefore the training sequence code (=bcc) must be passed as a parameter to constraint cs_ImmediateAssignment.
Summary of change	Define new formal parameter p_TSC for c_G_ChannelDescr (referred to in cs_ImmediateAssignment) and apply it as value for element 'tsc'.
Other affected objects	cs_ImmediateAssignment , ts_G_DetachOnSwitchOff , ts_G_RR_Con_Est , ts_GSM_RegistrationWithoutRRConreq
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration

Constraint Name:	c_G_ChannelDescr (p_ARFCN : B10; p_TSC : B3)
Group:	
Type Name:	ChannelDescr
Derivation Path:	
Encoding Variation:	
Comments:	Channel description 3GPP TS 44.018 clause 10.5.2.5 WA#2G3RRC0340

Element Name	Element Value	...	Comments
iei	OMIT		'01100100'B
cht_schn	'00101'B		channel type and TDMA offset
tn	'000'B		timeslot number
tsc	p_TSC		training sequence code WA#2G3RRC0340
hch	tsc_RR_HopOff		hch = 1 indicating hopping channel
maio	OMIT		mobile allocation index offset - hopping
hsn	OMIT		hopping sequence number - hopping
spr	'00'B		'00'B - non hopping
arfcn	p_ARFCN		absolute RF channel number - non hopping

4.4.5 c_G_MeasReport_Any

TTCN object	c_G_MeasReport_Any		
Reference ATS	IR_U_wk31.mp [2]		
Change Label	WA#2G3RRC0376		
Reason for change	c_G_MeasReport_Any has assigned value '*' to element 'measResults' having a structured type, which has to be avoided (see 3GPP TS 34.123-3 [3] Annex E.3.7).		
Summary of change	For mandatory element 'measResults' replace value value '*' by c_G_MeasResults_Any.		
Other affected objects	c_G_MeasResults_Any		
ETSI comment			
R&S conclusion			
PDU Constraint Declaration			
Constraint Name:	c_G_MeasReport_Any		
Group:			
PDU Name:	MEASUREMENTREPORT		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	A measurement report match any received MSR_RPT_PDU.		
Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		
rRProtocolDiscriminator	'0110'B		RR protocol discriminator
msgType	'15'O		measurement message type
measResults	c_G_MeasResults_Any		containing any value WA#2G3RRC0376

4.4.6 c_G_MeasResults_Any

TTCN object	c_G_MeasResults_Any
Reference ATS	
Change Label	WA#2G3RRC0376
Reason for change	A new 'Any-constraint' is required for structured type 'MeasResults'.
Summary of change	Define new structured type constraint 'c_G_MeasResults_Any' (to be applied in 'c_G_MeasReport_Any').
Other affected objects	c_G_MeasReport_Any
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration

Constraint Name:	c_G_MeasResults_Any
Group:	
Type Name:	MeasResults
Derivation Path:	
Encoding Variation:	
Comments:	WA#2G3RRC0376

Element Na...	Ele...	...	Comments
iei	OMIT		information element identifier
ba_used	?		bcch allocation used
dtc_used	?		dtc was used
rxlev_fsc	?		received signal strength on the full serving cell
ba3G_used	?		3G bcch allocation used
meas_valid	?		measurement results are valid
rxlev_ssc	?		received signal strength on a subset of the serving cell
spareBit1	?		spare bit
rxqual_fsc	?		received signal quality on the full serving cell
rxqual_ssc	?		received signal quality on a subset of the serving cell
no_neighCells	?		number of neighbouring cells (nc)
rxlev_nc1	?		received signal strength on nc1
bcchfrq_nc1	?		indicates a 3G cell
bsic_nc1	?		base station identity code of first UTRAN cell
rxlev_nc2	?		received signal strength on nc2
bcchfrq_nc2	?		bcch frequency position of nc2
bsic_nc2	?		base station identity code of nc2
rxlev_nc3	?		received signal strength on nc3
bcchfrq_nc3	?		bcch frequency position of nc3
bsic_nc3	?		base station identity code of nc3
rxlev_nc4	?		received signal strength on nc4
bcchfrq_nc4	?		bcch frequency position of nc4
bsic_nc4	?		base station identity code of nc4
rxlev_nc5	?		received signal strength on nc5
bcchfrq_nc5	?		bcch frequency position of nc5
bsic_nc5	?		base station identity code nc5
rxlev_nc6	?		received signal strength on nc6
bcchfrq_nc6	?		bcch frequency position of nc6
bsic_nc6	?		base station identity code of nc6

Detailed Comment:

4.4.7 c_MS_Clsmk1_Def

TTCN object	c_MS_Clsmk1_Def
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0343
Reason for change	The RF Power Cap in Classmark 1 is different for GSM/UTRAN. So the single value given px_MS_ClsmkRF_PwrCap cannot be used throughout the test case.
Summary of change	Remove the px_MS_ClsmkRF_PwrCap from constraint c_MS_Clsmk1_Def and use '???'B instead.
Other affected objects	
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration			
Constraint Name:	c_MS_Clsmk1_Def		
Group:			
Type Name:	MS_Clsmk1		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	...	Comments
spare1	'0'B		
revLvl	px_MS_ClsmkRevLvl		
eSIND	px_MS_ClsmkESIND		
a5_1	pc_MS_ClsmkA5_1		
rFPwrCap	'???'B		WA#2G3RRC0343

4.4.8 c_MSRadioAccessCap_Iv_Any

TTCN object	c_MSRadioAccessCap_Iv_Any
Reference ATS	New
Change Label	WA#2G3RRC0305
Reason for change	A constraint for Structured Type MSRadioAccessCap_Iv with 'any' values is required (in order to avoid wildcard values '?' or '*' for this structured type; see 3GPP TS 34.123-3 [3] Annex E.3.7).
Summary of change	Define new new constraint c_MSRadioAccessCap_Iv_Any.
Other affected objects	cbr_RA_UpdReqAny
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration			
Constraint Name:	c_MSRadioAccessCap_Iv_Any		
Group:			
Type Name:	MSRadioAccessCap_Iv		
Derivation Path:			
Encoding Variation:			
Comments:	WA#2G3RRC0305		
Element Name	Element Value	...	Comments
iel	?		
value	?		

4.4.9 cbr_RA_UpdReqAny

TTCN object	cbr_RA_UpdReqAny
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0305
Reason for change	The value of element 'msRadioAccessCap' in 'cbr_RA_UpdReqAny' is '*', but the element is mandatory in ROUTINGAREAUPDATEREQUEST (see 3GPP TS 24.008 [4] subclause 9.4.14).
Summary of change	Replace value "*" of element msRadioAccessCap in cbr_RA_UpdReqAny by 'c_MSRadioAccessCap_lv_Any'.
Other affected objects	c_MSRadioAccessCap_lv_Any
ETSI comment	
R&S conclusion	

PDU Constraint Declaration

Constraint Name:	cbr_RA_UpdReqAny (p_UpdateType : UpdateType_v, p_RAI : RAI_v, p_KeySeq : KeySeq)
Group:	
PDU Name:	ROUTINGAREAUPDATEREQUEST
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	@SIC_NAPP @sic EW T1s040041 sic@

Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		
gMMProtocolDiscriminator	tsc_GMM_PD		
msgType	'00001000'B		
gprsCiphKeySeqNo	c_CiphKeySeqNum(p_KeySeq)		
updateType	p_UpdateType		
oldRAI	p_RAI		
msRadioAccessCap	c_MSRadioAccessCap_lv_Any		WA#2G3RRC0305
oldPTMSI_Signature	c_PTMSI_SignatureAny IF_PRESENT		
readyTimer	cr_GPRS_TimerAny IF_PRESENT		
drxParameter	cr_DRXparameter_tv_Any IF_PRESENT		
tmsiStatus	c_TMSI_StatusAny IF_PRESENT		
ptmsi	c_MobileIdPTMSI_Any IF_PRESENT		
msnetworkcap	cr_MS_NetworkCap_tlv_Any IF_PRESENT		
pDP_ContextStatus	cr_PDP_ContextStatusAny IF_PRESENT		

4.4.10 cr_AttachReq

TTCN object	cr_AttachReq
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0365
Reason for change	cr_AttachReq has assigned value '?' to elements of a structured type, which has to be avoided (see 3GPP TS 34.123-3 [3] Annex E.3.7).
Summary of change	Replace value '?' by appropriate 'Any-constraints'.
Other affected objects	cr_DRXparameter_v_Any , cr_MS_NetworkCap_lv_Any
ETSI comment	
R&S conclusion	

PDU Constraint Declaration

Constraint Name:	cr_AttachReq (p_AttachType : AttachType; p_MobId : MS_Identity_lv; p_RAI : RAI_v; p_KeySeq : KeySeq)
Group:	
PDU Name:	ATTACHREQUEST
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	

Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		
gmmProtocolDiscrimina... <small>Field Name</small>	tsc_GMM_PD		
msgType	'00000001'B		
msNetworkCap	cr_MS_NetworkCap_lv_Any		WA#2G3RRC0365
gprsCiphKeySeqNo	c_CiphKeySeqNum(p_KeySeq)		
attachType	p_AttachType		
drxParameter	cr_DRXparameter_v_Any		WA#2G3RRC0365
ptmsiORimsi	p_MobId		
oldRAI	p_RAI		
msRadioAccessCap	c_MSRadioAccessCap_lv_Any		WA#2G3RRC0365
oldPTMSI_Signature	c_PTMSI_SignatureAny IF_PRESENT		@sic OLAF R&S T1-031835 and Anite T1-03xtc2 sic@
readyTimer	c_GPRS_TimerAny IF_PRESENT		@sic OLAF T1-031835 sic@
tmsiStatus	c_TMSI_StatusAny IF_PRESENT		@sic OLAF T1-031835 sic@

4.4.11 cr_AuthAndCiphRsp

TTCN object	cr_AuthAndCiphRsp
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0366
Reason for change	cr_AuthAndCiphRsp has assigned value '?' to element 'acRefNo' which has a structured type, which has to be avoided (see 3GPP TS 34.123-3 [3] Annex E.3.7).
Summary of change	In cr_AuthAndCiphRsp for element 'acRefNo' replace value '?' by 'c_AC_RefNum_Any'.
Other affected objects	c_AC_RefNum_Any
ETSI comment	
R&S conclusion	

PDU Constraint Declaration

Constraint Name:	cr_AuthAndCiphRsp(p_authRsp : AuthRsp_tv, p_authRspExt :AuthRspExt)
Group:	
PDU Name:	AUTHENTICATIONANDCIPHERINGRESPONSE
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	

Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		
gMMProtocolDiscriminator	tsc_GMM_PD		
msgType	'00010011'B		
spare4	'0000'B		
acRefNo	c_AC_RefNum_Any		Should be the one sent in the auth request WA#2G3RRC0366
authRsp	p_authRsp		Authentication RES
imeisv	-		No IMEISV requested
authRspExt	p_authRspExt		Authentication paramter AUTN, a UMT S challenge is requested

4.4.12 cr_Bcap3aEtcAny

TTCN object	cr_Bcap3aEtcAny
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0356
Reason for change	The elements of Bcap3aEtc are either all present or all omitted. Inside cr_Bcap3aEtcAny the elements are therefore considered to be mandatory and the whole constraint is applied or not.
Summary of change	For all elements replace value '*' by '?' (the reference to cr_Bcap3aEtcAny is normally qualified with 'IF_PRESENT').
Other affected objects	
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration

Constraint Name:	cr_Bcap3aEtcAny
Group:	
Type Name:	Bcap3aEtc
Derivation Path:	
Encoding Variation:	
Comments:	

Element Name	Element Value	...	Comments
extBit	?		WA#2G3RRC0356
coding	?		WA#2G3RRC0356
spare2	?		WA#2G3RRC0356
speechVersion	?		WA#2G3RRC0356

4.4.13 cr_CC_CapabilitiesAny

TTCN object	cr_CC_CapabilitiesAny		
Reference ATS	IR_U_wk31.mp [2]		
Change Label	WA#2G3RRC0357		
Reason for change	Mandatory elements have value '*' (see 3GPP TS 24.008 [4] subclause 10.5.4.5a).		
Summary of change	Replace value '*' by '?'.		
Other affected objects			
ETSI comment			
R&S conclusion			
Structured Type Constraint Declaration			
Constraint Name:	cr_CC_CapabilitiesAny		
Group:			
Type Name:	CC_Capabilities		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	...	Comments
iei	'00010101'B		
iel	?		
maxNumBearer	?		WA#2G3RRC0357
spare2	?		WA#2G3RRC0357
pcp	?		WA#2G3RRC0357
dtmf	?		WA#2G3RRC0357
spare4	?		WA#2G3RRC0357
maxNumSpeechBearer	?		WA#2G3RRC0357

4.4.14 cr_DRXparamter_v_Any

TTCN object	cr_DRXparamter_v_Any		
Reference ATS	New		
Change Label	WA#2G3RRC0365		
Reason for change	An 'Any' constraint' is required for structured type 'DRXparamter' in order to avoid wildcard value '?' (see 3GPP TS 34.123-3 [3] Annex E.3.7).		
Summary of change	Define new constraint 'cr_DRXparamter_v_Any' for Structured Type 'DRXparamter'.		
Other affected objects	cr_AttachReq , cr_MS_NetworkCap_Iv_Any		
ETSI comment			
R&S conclusion			
Structured Type Constraint Declaration			
Constraint Name:	cr_DRXparamter_v_Any		
Group:			
Type Name:	DRXparamter		
Derivation Path:			
Encoding Variation:			
Comments:	to be used in ATTACHREQUEST constraints WA#2G3RRC0365		
Element Name	Element Value	...	Comments
splitPGcycleCode	?		Split PG cycle code
cnDRXcoef	?		CN specific DRX cycle length coefficient
splitOnCCCH	?		Split on CCCCH
nonDRXtimer	?		non-DRX timer

4.4.15 cr_G_ClassmarkChangeAny

TTCN object	cr_G_ClassmarkChangeAny
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0377
Reason for change	cr_G_ClassmarkChangeAny has assigned value '*' to mandatory element 'msclsmk' having a structured type, which has to be avoided (see 3GPP TS 34.123-3 [3] Annex E.3.7).
Summary of change	For mandatory element 'msclsmk' replace value value '*' by c_MS_Clsmk2_Any_iv.
Other affected objects	
ETSI comment	
R&S conclusion	

PDU Constraint Declaration

Constraint Name:	cr_G_ClassmarkChangeAny
Group:	
PDU Name:	CLASSMARKCHANGE
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	RR CLASSMARK CHANGE ue/ms -> ntw 3GPP TS 44.018 clause 9.1.11

Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		skip indicator M BITSTRING [4]
rRProtocolDiscriminator	'0110'B		RR protocol discriminator M BITSTRING [4]
msgType	'16'O		message type M BITSTRING [8]
msclsmk	c_MS_Clsmk2_Any_iv		mobile station classmark M OCTETSTRING [4] WA#2G3RRC0377
additionalMsclsmk	*		additional mobile station classmark in formation C OCTETSTRING [14]

4.4.16 cr_G_SetupUL_MO

TTCN object	cr_G_SetupUL_MO
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0358
Reason for change	Mandatory element bcap1 (structured type) has value '*' (see 3GPP TS 24.008 [4] subclause 9.3.23.2).
Summary of change	Replace value '*' by 'cr_BcapAnyMO'.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0372
Reason for change	cr_G_SetupUL_MO has assigned value '*' to optional elements having a structured type, which has to be avoided (see 3GPP TS 34.123-3 [3] Annex E.3.7).
Summary of change	For optional elements of cr_G_SetupUL_MO having a Structured Type: replace value '*' by an appropriate 'Any-constraint IF_PRESENT'.
Other affected objects	cr_LLC_Any
ETSI comment	
R&S conclusion	

PDU Constraint Declaration

Constraint Name:	cr_G_SetupUL_MO
Group:	
PDU Name:	SETUPul
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	CC SETUP n <- ue

Field Name	Element Value	Type Encoding	Comments
ti	cr_TI_MO		
cC_ProtocolDiscriminator	'0011'B		
msgType	'??000101'B		
repeatInd	-		
bcap1	cr_BcapAnyMO		WA#2G3RRC0358
bcap2	-		
facility	cr_FacAny IF_PRESENT		WA#2G3RRC0372
cgps	cr_CGPS_Any IF_PRESENT		WA#2G3RRC0372
cdpn	cr_CDPN_Any		WA#2G3RRC0358
cdps	cr_CDPS_Any IF_PRESENT		WA#2G3RRC0372
ilcRepeatInd	c_RepeatIndAny IF_PRESENT		WA#2G3RRC0372
ilc1	cr_LLC_Any IF_PRESENT		WA#2G3RRC0372
ilc2	cr_LLC_Any IF_PRESENT		WA#2G3RRC0372
hlcRepeatInd	c_RepeatIndAny IF_PRESENT		WA#2G3RRC0372
hlc1	cr_HLC_Any IF_PRESENT		WA#2G3RRC0372
hlc2	cr_HLC_Any IF_PRESENT		WA#2G3RRC0372
userUser	cr_UserUserAny IF_PRESENT		WA#2G3RRC0372
sS_VersionInd	cr_SS_VersionIndAny IF_PRESENT		WA#2G3RRC0372
cLIR_Suppression	'10100001'B IF_PRESENT		WA#2G3RRC0372
cLIR_Invocation	'10100010'B IF_PRESENT		WA#2G3RRC0372
cC_Capabilities	cr_CC_CapabilitiesAny IF_PRESENT		WA#2G3RRC0372
facilityCCBS_AdvRecall	cr_FacilityAdvRecall IF_PRESENT		WA#2G3RRC0372
facilityCCBS_RecallAlign	cr_FacilityRecallAlign IF_PRESENT		WA#2G3RRC0372
streamId	cr_StreamIdAny IF_PRESENT		WA#2G3RRC0372

4.4.17 cr_LLC_Any

TTCN object	cr_LLC_Any
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0372
Reason for change	cr_LLC_Any has assigned value '*' to mandatory element 'iel'.
Summary of change	In cr_LLC_Any for element 'iel' replace value '*' by '?'.
Other affected objects	cr_G_SetupUL_MO
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration			
Constraint Name:	cr_LLC_Any		
Group:			
Type Name:	LLC		
Derivation Path:			
Encoding Variation:			
Comments:	Low layer compatibility (CC information element)		
Element Name	Element Value	...	Comments
iei	'01111100'B		
iel	?		WA#2G3RRC0372
extBit3	*		

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4.4.18 cr_MS_NetworkCap_Iv_Any

TTCN object	cr_MS_NetworkCap_Iv_Any
Reference ATS	New
Change Label	WA#2G3RRC0365
Reason for change	An 'Any' constraint' is required for structured type 'MS_NetworkCap_Iv' in order to avoid wildcard value '?' (see 3GPP TS 34.123-3 [3] Annex E.3.7).
Summary of change	Define new constraint 'cr_MS_NetworkCap_Iv_Any' for Structured Type 'MS_NetworkCap_Iv'.
Other affected objects	cr_AttachReq , cr_DRXparamter_v_Any
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration			
Constraint Name:	cr_MS_NetworkCap_Iv_Any		
Group:			
Type Name:	MS_NetworkCap_Iv		
Derivation Path:			
Encoding Variation:			
Comments:	WA#2G3RRC0365		
Element Name	Element Value	...	Comments
iel	?		
value	?		MS network capability value (CSN.1 coding)

4.4.19 cr_StreamIdAny

TTCN object	cr_StreamIdAny
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0359
Reason for change	Mandatory element 'val' has value '**' (see 3GPP TS 24.008 [4] subclause 10.5.4.28).
Summary of change	Replace value '**' by '?'.
Other affected objects	
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration

Constraint Name:	cr_StreamIdAny
Group:	
Type Name:	StreamId
Derivation Path:	
Encoding Variation:	
Comments:	

Element Name	Element Value	...	Comments
iei	'00101101'B		
iel	?		
val	?		WA#2G3RRC0359

4.4.20 cs_ImmediateAssignment

TTCN object	cs_ImmediateAssignment
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0340
Reason for change	A wrong training sequence code is used in IMMEDIATE ASSIGNMENT after a location update step has been added to all test cases of the group, and this uses the combined SDCCH. The training sequence code on this channel must match the base station colour code (BCC). But the BCC has possibly different values for different test cases. Therefore the training sequence code (=bcc) must be passed as a parameter to constraint cs_ImmediateAssignment.
Summary of change	Define new formal parameter p_TSC for cs_ImmediateAssignment.
Other affected objects	c_G_ChannelDescr , ts_G_DetachOnSwitchOff , ts_G_RR_Con_Est , ts_GSM_RegistrationWithoutRRConreq
ETSI comment	
R&S conclusion	

PDU Constraint Declaration

Constraint Name:	cs_ImmediateAssignment (p_ARFCN : B10 ; p_RR_RA : INTEGER ; p_RR_RFN : RFN ; p_TSC : B3)
Group:	
PDU Name:	IMMEDIATEASSIGNMENT
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	RR IMMEDIATE ASSIGNMENT ntw -> ue/ms 3GPP TS 44.018 clause 9.1.18 WA#2G3RRC0340

Field Name	Element Value	Type Encoding	Comments
l2PseudoLength	'2D'O		L2 pseudo length M OCTETSTRING [1]
skipIndicator	tsc_Gen_SkipIndicator		skip indicator M BITSTRING [4]
rRProtocolDiscriminator	tsc_RR_Msgs_Proto_Disc		RR protocol discriminator M BITSTRING [4]
msgType	tsc_ImmediateAssignmentMsg_Type		message type M BITSTRING [8]
dedicatedModeOrTBF	c_G_DedicatedModeOrTBF		dedicated mode or TBF M BITSTRING [4] without IEI
pageMode	c_G_PageModeIE		page mode M BITSTRING [4] without IEI
chDescr	c_G_ChannelDescr (p_ARFCN , p_TSC)		channel description C OCTETSTRING [3] WA#2G3RRC0340
packetChDescr	OMIT		packet channel description C OCTETSTRING [3]
reqRef	c_G_ReqRef (p_RR_RA , p_RR_RFN)		request reference M OCTETSTRING [3]
ta	c_G_TA		timing advance M OCTETSTRING [1]
mobileAlloc	c_G_MobileAlloc		mobile allocation, M OCTETSTRING [1..9]
startingTime	OMIT		starting time O OCTETSTRING [3]
iaroct	c_G_IARO		IA rest octets / frequency parameter, before time M

4.4.21 ts_DetachOnSwitchOffRATSpecific

TTCN object	ts_DetachOnSwitchOffRATSpecific
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0344
Reason for change	The L2 connection on the combined SDCCH is not released after IMSI detach. This causes problems when L2 is established later.
Summary of change	Add an attachment of test step ts_G_ChannelRelease after the IMSI detach.
Other affected objects	tc_6_2_1_1
ETSI comment	
R&S conclusion	

Test Step			
Test Step Id:	ts_DetachOnSwitchOffRATSpecific(p_CellId: INTEGER)		
Test Step Group Ref:	General/		
Objective:	Check The registered RAT type and Turn off UE and execute Detach procedure for properly detach,		
Defaults:	NAS_OtherwiseFail		
Comments:	@SIC_NAPP		
...	Label	Behaviour Description	Comments
1		[tcv_RegisteredRAT_Type = UTRAN]	UE registeded in UTRAN Cell
2		+ ts_DetachOnSwitchOff (p_CellId)	
3		[tcv_RegisteredRAT_Type = GERAN]	UE registeded in GERAN Cell
4		+ts_G_DetachOnSwitchOff (p_CellId)	
5		+ts_G_ChannelRelease (p_CellId, tsc_PhyCh0)	WA#2G3RRC0344
6	ERR1	[TRUE]	|

4.4.22 ts_G_DetachOnSwitchOff

TTCN object	ts_G_DetachOnSwitchOff
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0340
Reason for change	A wrong training sequence code is used in IMMEDIATE ASSIGNMENT after a location update step has been added to all test cases of the group, and this uses the combined SDCCH. The training sequence code on this channel must match the base station colour code (BCC). But the BCC has possibly different values for different test cases. Therefore the training sequence code (=bcc) must be passed as a parameter to constraint cs_ImmediateAssignment.
Summary of change	Pass the actual training sequence code (CellConfigInfo) as a parameter to the call of cs_ImmediateAssignment.
Other affected objects	c_G_ChannelDescr , cs_ImmediateAssignment , ts_G_RR_Con_Est , ts_GSM_RegistrationWithoutRRConreq
ETSI comment	
R&S conclusion	

Test Step	
Test Step Id:	ts_G_DetachOnSwitchOff (p_CellId : INTEGER)
Test Step Group Ref:	M_RAT_HO_GPRS_Specific/
Objective:	
Defaults:	IntersystemGPRS
Comments:	

Nr	Behaviour Description	Constraint Ref	V...	Comments
1	[pc_SwitchOnOff]			UE can actually be switched off
2	+ts_MMI_UE_SwitchOff			
3	[tcv_NMO = '00'B]			
4	+It_Detach_NMO1			Combined Detach
5	[tcv_NMO = '01'B]			
6	+It_Detach_NMO2			SS shall accept either PS detach first or IMSI detach first, since this is not clear in the core spec
7	[TRUE]		I	
8	[TRUE]			UE power supply must be removed
9	+ts_MMI_UE_PwrOff			
It_Detach_NMO2				
10	G_L2 ? G_L2_ACCESS_IND (tcv_RR_RFN := G_L2_ACCESS_IND.rfn , tcv_ChRequest := G_L2_ACCESS_IND.burst , tcv_RR_RA := (BIT_TO_INT (tcv_ChRequest.estCauRandomRef)))	cabr_G_L2_ACCESS_IND (p_CellId , tsc_Phych0 , 1 , ? , ? , cr_ChReqOtherProc)		Receive CHANNEL REQUEST for IMSI Detach first
11	G_L2 ! G_L2_UNITDATA_REQ	cas_G_L2_UNITDATA_REQ (p_CellId , tsc_Phych0 , 3 , 15 , c_G_RFN_Omit , cs_ImmediateAssignment (tcv_G_CellConfigInfo.bCCH_Freq , tcv_RR_RA , tcv_RR_RFN , tcv_G_CellConfigInfo.bcc))		Assign a GSM Channel WA#2G3RRC0340
12	G_L2 ? G_L2_L2Estab_IND	car_G_L2_L2Estab_IND (p_CellId , c_IMSI_DetachInd)	(P)	IMSI Detach Indication
13	[pc_GPRS]			
14	+ts_UplinkTBFOnePhase(p_CellId, tsc_Phych1)			
15	G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEntity, cr_DetachReq (c_DetachType('1'B, '001'B), ? , ?))		DETACH REQUEST - 'power switched off, GPRS detach'
16	[TRUE]			
17	+ts_UplinkTBFOnePhase(p_CellId, tsc_Phych1)			
18	G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEntity, cr_DetachReq (c_DetachType('1'B, '001'B), ? , ?))		DETACH REQUEST - 'power switched off, GPRS detach'

19	[pc_G_operation_mode_C]			That's it, don't do anything else
20	[TRUE]			
21	G_L2 ? G_L2_ACCESS_IND (tcv_RR_RFN = G_L2_ACCESS_IND.rfn, tcv_ChRequest = G_L2_ACCESS_IND.burst, tcv_RR_RA = (BIT_TO_INT (tcv_ChRequest.estCauRandomRef)))	cabr_G_L2_ACCESS_IND (p_CellId , tsc_Phych0 , 1 , ? , ? , cr_ChReqOtherProc)		Receive CHANNEL REQUEST for IMSI Detach second
22	G_L2 ! G_L2_UNITDATA_REQ	cas_G_L2_UNITDATA_REQ (p_CellId , tsc_Phych0 , 3 , 15 , c_G_RFN_Omit , cs_ImmediateAssignment (tcv_G_CellConfigInfo.bCCH_Freq , tcv_RR_RA , tcv_RR_RFN , tcv_G_CellConfigInfo.bcc))		Assign a GSM Channel W A#2G3RRC0340
23	G_L2 ? G_L2_L2Estab_IND	car_G_L2_L2Estab_IND (p_CellId , c_IMSI_DetachInd)	(P)	IMSI Detach Indication
It_Detach_NMO1				
24	[pc_GPRS]			
25	+ts_UplinkTBFOnePhase(p_CellId, tsc_Phych1)			
26	[pc_G_operation_mode_C]			
27	G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cr_DetachReq (c_DetachType('1'B, '001'B), ?, ?))		DETACH REQUEST - 'power switched off, GPRS detach'
28	[TRUE]			
29	G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cr_DetachReq (c_DetachType('1'B, '011'B), ?, ?))		DETACH REQUEST - 'power switched off, combined detach'
30	[TRUE]			IMSI Detach only
31	G_L2 ? G_L2_ACCESS_IND (tcv_RR_RFN = G_L2_ACCESS_IND.rfn, tcv_ChRequest = G_L2_ACCESS_IND.burst, tcv_RR_RA = (BIT_TO_INT (tcv_ChRequest.estCauRandomRef)))	cabr_G_L2_ACCESS_IND (p_CellId , tsc_Phych0 , 1 , ? , ? , cr_ChReqOtherProc)		Receive CHANNEL REQUEST for IMSI Detach second
32	G_L2 ! G_L2_UNITDATA_REQ	cas_G_L2_UNITDATA_REQ (p_CellId , tsc_Phych0 , 3 , 15 , c_G_RFN_Omit , cs_ImmediateAssignment (tcv_G_CellConfigInfo.bCCH_Freq , tcv_RR_RA , tcv_RR_RFN , tcv_G_CellConfigInfo.bcc))		Assign a GSM Channel W A#2G3RRC0340
33	G_L2 ? G_L2_L2Estab_IND	car_G_L2_L2Estab_IND (p_CellId , c_IMSI_DetachInd)	(P)	IMSI Detach Indication
Detailed Comment: See 3GPP 24.008 / 4.7.4				

4.4.23 ts_G_RR_Con_Est

TTCN object	ts_G_RR_Con_Est
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0340
Reason for change	A wrong training sequence code is used in IMMEDIATE ASSIGNMENT after a location update step has been added to all test cases of the group, and this uses the combined SDCCH. The training sequence code on this channel must match the base station colour code (BCC). But the BCC has possibly different values for different test cases. Therefore the training sequence code (=bcc) must be passed as a parameter to constraint cs_ImmediateAssignment.
Summary of change	Pass the actual training sequence code (CellConfigInfo) as a parameter to the call of cs_ImmediateAssignment.
Other affected objects	c_G_ChannelDescr , cs_ImmediateAssignment , ts_G_DetachOnSwitchOff , ts_GSM_RegistrationWithoutRRConreq
ETSI comment	
R&S conclusion	

Test Step					
Test Step Id:	ts_G_RR_Con_Est (p_CellId : INTEGER)				
Test Step Group Ref:	IdleUpdate/				
Objective:					
Defaults:	IntersystemDef				
Comments:					
...	...	Behaviour Description	Constraint Ref	...	Comments
1		START t_CampResponseTimer(33)			Start 33 secs timer for camping.
2		G_L2 ? G_L2_ACCESS_IND (tcv_RR_RFN := G_L2_ACCESS_IND.rfn , tcv_ChRequest := G_L2_ACCESS_IND.burst) CANCEL t_CampResponseTimer	cabr_G_L2_ACCESS_IND (p_CellId , tsc_Phych0 , 1 , ? , ? , c_G_ChannelReq_Any)		Receive CHANNEL REQUEST message MS camped on cell1. @sic T1s040347 sic@
3		(tcv_RR_RA := (BIT_TO_INT (tcv_ChRequest.estCauRandomRef)))			
4		G_L2 ! G_L2_UNITDATA_REQ	cas_G_L2_UNITDATA_REQ (p_CellId , tsc_Phych0 , 3 , 15 , c_G_RFN_Omit , cs_ImmediateAssignment (tcv_G_CellConfigInfo.bCCH_Freq , tcv_RR_RA , tcv_RR_RFN , tcv_G_CellConfigInfo.bcc))		Send immediate assignment message @sic ER1612 sic@ WA#2G3RRC0340
5		?TIMEOUT t_CampResponseTimer		(F)	

4.4.24 ts_GMM_DetachOnSwitchOff

TTCN object	ts_GMM_DetachOnSwitchOff
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0380
Reason for change	tcv_RRC_RelStatus is set at the wrong time (before RRC Connection Setup).
Summary of change	Re-order behaviour lines of the test step so that It_Init_RRC_RelStatus is executed after RRC Connection Setup.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Step	
Test Step Id:	ts_GMM_DetachOnSwitchOff (p_CellId : INTEGER)
Test Step Group Ref:	L3M_MM_GMM_Steps/
Objective:	Turn off UE and execute GMM Detach procedure for properly detach PS or combined PS/CS services on the cell referenced by p_CellId. Additionally, if Attach Flag is set, and the UE is in Operation Mode A, then IMSI DETACH INDICATION shall be send by the UE.
Defaults:	NAS_OtherwiseFail
Comments:	

Nr	Behaviour Description	Constraint Ref	V...	Comments
1	+ts_RRC_Delay(5000)			Wait before switching off (e.g. in case ATT flag has been previously changed) to allow UE to re-read new SysInfos
2	[pc_SwitchOnOff]			UE can actually be switched off
3	+ts_SetTmpCellInfo (p_CellId)			Get CellInfo to be used later
4	+ts_MMI_UE_SwitchOff			WA#2G3RRC0380
5	+ts_RRC_ConnEst(p_CellId, est_MO, detach)			WA#2G3RRC0380
6	+It_Init_RRC_RelStatus			WA#2G3RRC0380
7	[tcv_TmpCellInfo.attFlag = tsc_AttOff]			ATT flag is not set, only GPRS detach is required

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4.4.25 ts_GSM_RegistrationWithoutRRConreq

TTCN object	ts_GSM_RegistrationWithoutRRConreq
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0337
Reason for change	The GPRS Suspension Request message may optionally be sent by the UE, but is not expected in ts_GSM_RegistrationWithoutRRConreq.
Summary of change	Add ts_G_ReceiveOptSuspend after line 2 in ts_GSM_RegistrationWithoutRRConreq.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0340
Reason for change	A wrong training sequence code is used in IMMEDIATE ASSIGNMENT after a location update step has been added to all test cases of the group, and this uses the combined SDCCH. The training sequence code on this channel must match the base station colour code (BCC). But the BCC has possibly different values for different test cases. Therefore the training sequence code (=bcc) must be passed as a parameter to constraint cs_ImmediateAssignment.
Summary of change	Pass the actual training sequence code (CellConfigInfo) as a parameter to the call of cs_ImmediateAssignment.
Other affected objects	c_G_ChannelDescr , cs_ImmediateAssignment , ts_G_DetachOnSwitchOff , ts_G_RR_Con_Est
ETSI comment	
R&S conclusion	

Test Step	
Test Step Id:	ts_GSM_RegistrationWithoutRRConreq(p_CellId : INTEGER)
Test Step Group Ref:	GSM_Specific/
Objective:	
Defaults:	IntersystemDef
Comments:	

Nr	Behaviour Description	Constraint Ref	V...	Comments
1	+ts_G_SetTmpCellConfigInfo (p_CellId)			
2	+It_CompleteRRConnection			
3	+ts_G_ReceiveOptSuspend(tsc_PhyCh0 ,4)			WA#2G3RRC0337
4	+ts_G_Authentication (p_CellId)			Send Authentication Request and receive Authentication Response
5	+ts_G_Ciphering_Mode_Setting (p_CellId ,tsc_PhyCh0)			Send Ciphering Mode Command and receive Ciphering Mode Complete
6	+ts_G_Loc_UpdatingAccept (p_CellId)			Send Location Updating Accept and receive TMAI Re-allocation Complete
7	+ts_G_ChannelRelease (p_CellId , tsc_PhyCh0)			Send Channel Release and receive Release Data Link Indication

It_CompleteRRConnection				
8	(tcv_RR_RA := (BIT_TO_INT (tcv_ChRequest.estCauRandomRef)))			
9	G_L2 | G_L2_UNITDATA_REQ	cas_G_L2_UNITDATA_REQ (p_CellId , tsc_PhyCh0 , 3 , 15 , c_G_RFN_Omit , cs_ImmediateAssignment (tcv_G_CellConfigInfo.bCCH_Freq , tcv_RR_RA , tcv_RR_RFN , tcv_G_CellConfigInfo.bcc))		Send immediate assignment message @sic ER1621 sic@ WA#2G3RRC0340
10	START t_T3101			
11	G_L2 ? G_L2_L2Estab_IND (tcv_RR_ChannelType := G_L2_L2Estab_IND.g_LogicChType , tcv_RR_Subchannel := G_L2_L2Estab_IND.subChannel) CANCEL t_T3101	car_G_L2_L2Estab_IND (p_CellId , cr_G_LocationUpdatingRequest)	(P)	Service Request (Location Updating Request) @sic ER 1878 sic@
12	G_L2?OTHERWISE CANCEL t_T3101		(F)	
13	?TIMEOUT t_T3101		(F)	

Detailed Comment:	
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4.4.26 ts_SendDefSysInfoGSM_With3SI2ter

TTCN object	ts_SendDefSysInfoGSM_With3SI2ter
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0346
Reason for change	ts_SendGSMSACCHSysInfo has now been added to ts_CreateCell_GSM_Comb, so its no longer needed in ts_SendDefSysInfoGSM_With3SI2ter.
Summary of change	Remove ts_SendGSMSACCHSysInfo from ts_SendDefSysInfoGSM_With3SI2ter.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Step	
Test Step Id:	ts_SendDefSysInfoGSM_With3SI2ter(p_CellId: INTEGER; p_PhyCh: PhysicalChId; p_UARFCN1, p_UARFCN2: B14; p_Qsearch_I, p_FDD_Qoffset: B4; p_FDD_Qmin: B3; p_SI2quarter: SI2quarterConfiguration)
Test Step Group Ref:	M_RAT_HO_SysInfoBroadcastGSM/
Objective:	
Defaults:	IntersystemDef
Comments:	For GSM w/o GPRS cell, SI1 rest octets, SI2 rest octets, SI3 rest octets and SI4 rest octets are not used, no GPRS related parameters. WA#2 G3RRC0346

...	...	Behaviour Description	...	...	Comments
1		+ts_SendGSMSysInfo(p_CellId, p_PhyCh, gsmonly, bcch, p_SI2quarter)			@sic T1s040275 sic@
2		+ts_SendSysInfoType2ter(p_CellId, p_PhyCh, 1, c_UTRAN_FDD_Descr1(p_UARFCN1))			the UTRAN FDD Description for the first neighbour cell
3		+ts_SendSysInfoType2ter(p_CellId, p_PhyCh, 2, c_UTRAN_FDD_Descr2(p_UARFCN2))			the UTRAN FDD Description for the second neighbour cell
4		+ts_SendSysInfoType2ter(p_CellId, p_PhyCh, 3, c_3G_Meas(p_Qsearch_I, p_FDD_Qoffset, p_FDD_Qmin))			3G MEASUREMENT Parameters Description

4.4.27 ts_UplinkTBFOnePhase

TTCN object	ts_UplinkTBFOnePhase
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0243
Reason for change	The G_CL1_ComingFN_CNF ASP is expected to be received, but the "!" send statement is used in line 10.
Summary of change	Replace "!" By "?" in line 10.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Step	
Test Step Id:	ts_UplinkTBFOnePhase(p_CellId : CellId; p_PhysicalChId : PhysicalChId)
Test Step Group Ref:	M_RAT_HO_GPRS_Specific/
Objective:	
Defaults:	IntersystemGPRS
Comments:	Ensure tcv_GPRS_CiphAlg is set to the correct value before entering this test step

Nr	...	Behaviour Description	Constraint Ref	V...	Comments
1		G_L2 ? G_L2_ACCESS_IND (tcv_RR_RFN := G_L2_ACCESS_IND.rfn , tcv_ChRequest := G_L2_ACCESS_IND.burst)	caBr_G_L2_ACCESS_IND (p_CellId , tsc_PhysicalChId , 1 , ? , ? , cr_ChReqOnePhase)		Receive CHANNEL REQUEST message
2		(tcv_RR_RA := (BIT_TO_INT (tcv_ChRequest.estCauRandomRef)))			
3		[(tcv_RR_RA > 119) AND (tcv_RR_RA < 127)]		(P)	establishment cause = one phase packet access
4		+!t_createULTBF			
5		[TRUE]		(F)	Wrong establishment cause
6		+!t_createULTBF			
!t_createULTBF					
7		G_CRLC ! G_CRLC_UL_TBF_Config_REQ	ca_ActivateTBF_UplinkDyn (p_CellId , tsc_RlcModeAck , 1)		Configure the Uplink TBF for Dynamic Allocation, USF 0 on timeslot 4
8		G_CRLC ? G_CRLC_UL_TBF_Config_CNF	ca_Activate_UL_TBF_CNF		
9		G_CL1 ! G_CL1_ComingFN_REQ	c_G_CL1_ComingFN_REQ(p_CellId , tsc_PhysicalChId , tsc_AGCH)		
10		G_CL1 ? G_CL1_ComingFN_CNF (tcv_StartingTime := G_CL1_ComingFN_CNF.rfn)	c_G_CL1_ComingFN_CNF		WA#2G3RRC0243

0

4.5 Changes referred to from previous CRs

N/A

5 Supplementary information

5.1 ATS

The TTCN ATS containing modified tc_6_2_1_1 is IR_U_6_2_1_1.mp.

6 References

[1]	T1s040537.zip Archive comprising the TTCN MP file for the current CR (supplementary information).
[2]	IR_U_wk31.mp ETSI InterRat UTRAN ATS, version week 31 (2004).
[3]	3GPP TS 34.123-3 V3.5.2 (2004-04) Technical Specification 3rd Generation Partnership Project; Technical Specification Group Terminals; User Equipment (UE) conformance specification; Part 3: Abstract Test Suite (ATS).
[4]	3GPP TS 24.008 V5.11.0 (2004-03) Technical Specification 3rd Generation Partnership Project; Technical Specification Group Core Network; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3.
[5]	T1s040558.doc Two Excel sheets ErrorList_wk26.xls, and ErrorList_wk31.xls are included. The two lists can also be found in the TTCN deliveries iWD-TVb2003-03_D04wk31, wk23 and wk34.

Annex A: List of change labels and affected TTCN objects

The following Table 2 lists all change labels being described in this document, together with the related affected TTCN objects, and the Reference ATS to which the change description applies. When no Reference ATS is present, the object is a new definition.

Table 2: List of change labels and related affected TTCN Objects and reference ATS

Change Labels	Affected TTCN Objects	Ref. ATS
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]
WA#2G3RRC0305	c_MSRadioAccessCap_lv_Any	New
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]
WA#2G3RRC0337	ts_GSM_RegistrationWithoutRRConreq	IR_U_wk31.mp [2]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_RR_Con_Est	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_GSM_RegistrationWithoutRRConreq	IR_U_wk31.mp [2]
WA#2G3RRC0341	tc_6_2_1_1	IR_U_wk31.mp [2]
WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]
WA#2G3RRC0344	tc_6_2_1_1	IR_U_wk31.mp [2]
WA#2G3RRC0344	ts_DetachOnSwitchOffRATSpecific	IR_U_wk31.mp [2]
WA#2G3RRC0346	ts_SendDefSysInfoGSM_With3SI2ter	IR_U_wk31.mp [2]
WA#2G3RRC0348	c_ExtNeighBCCH_FreqLst2terGSM1800B	New
WA#2G3RRC0348	c_G_CellConfigInfoGSM1800_CellB	IR_U_wk31.mp [2]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]
WA#2G3RRC0365	cr_DRXparamter_v_Any	New
WA#2G3RRC0365	cr_MS_NetworkCap_lv_Any	New
WA#2G3RRC0366	c_AC_RefNum_Any	New
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]
WA#2G3RRC0380	ts_GMM_DetachOnSwitchOff	IR_U_wk31.mp [2]

CR-Form-v7

CHANGE REQUEST

34.123-3 **CR** **1169** # rev - # Current version: **3.7.0**

For [HELP](#) on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Corrections to GCF package 2 IR_U test case 6.2.1.6		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 03/09/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# To add corrections to approved GCF package 2 IR_U test case 6.2.1.6.
Summary of change:	# This document lists the additional changes to applied to test case 6.2.1.6.
Consequences if not approved:	# The test case will not operate properly.

Clauses affected:	# N/A										
Other specs affected:	#										
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td></td> <td>Other core specifications</td> </tr> <tr> <td></td> <td>Test specifications</td> </tr> <tr> <td></td> <td>O&M Specifications</td> </tr> </table>	Y	N	#	X		Other core specifications		Test specifications		O&M Specifications
Y	N										
#	X										
	Other core specifications										
	Test specifications										
	O&M Specifications										
Other comments:	#										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

01 Jan - 31 Dec 2004

Title: Corrections to test case 6.2.1.6

Source: Rohde & Schwarz

Agenda Item: TTCN Issues

Document for: Approval

Contact: Holger Jauch
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1 Overview

This document is a CR on approved test case 6.2.1.6. It lists all the changes needed to correct detected problems in the TTCN implementation of test case 6.2.1.6 which is part of the IR_U test suite.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs.

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3 Verification Test Summary

Test Case: tc_6_2_1_6
Test Group: DualIdleMode/
ATS Version: IR_U_wk31.mp

4 Corrections required for test case 6.2.1.6

4.1 Introduction

This CR presents corrections on DualIdleMode test case tc_6_2_1_6, which has been approved and is in the validation process.

The ATS enclosed in T1s040539.zip [1] contains the modifications of test case tc_6_2_1_6 described in this document. The corrections to the errors listed in T1s040558.doc [6] have been performed, as far as applicable.

Note: The ATS enclosed in T1s040539.zip [1] contains a few change labels which are not explicitly mentioned in the text. This is because the environment of the current test case shares some defaults with other test cases, but the changes in the defaults do not affect the current test case. These changes are described in other CRs provided in sequence with the current CR.

For the ATS modifications as identified by the 'Change labels' as defined in the subsequent subclauses, the following principles apply:

- a) All changes are described with respect to **IR_U_wk31.mp** (plus implementation of 'high priority' CRs and other errors listed in T1s040558.doc [6]).
- b) For the changes that are already described in previous CR T1s040536 [3], the list of associated change labels and affected TTCN objects is given in subclause 4.5.
- c) All other changes and new TTCN objects are explicitly described in this CR.

Annex A contains a table listing all change label/affected object combinations applicable to tc_6_2_1_6 (including the ones described in previous CR T1s040536 [3]).

4.2 Presentation of the modifications

The modifications are presented by the use of '**Change Tables**' as described below, and by **screenshots** taken from the relevant parts of changed TTCN objects in TTCN.GR format.

In addition, if the **reason for a change** cannot be expressed in a few table lines, particular subclauses of clause 4 may be generated for detailed argumentation.

The '**Change Tables**' have the format described in the example below (all entries in the second column are for demonstration purposes only):

Table 1: Example Change Table

TTCN object	<i>tc_6_2_1_6</i>
Reference ATS	<i>IR_U_wk31.mp [2]</i>
Change Label	WA#2G3RRC0110
Reason for change	<Textual description of change reason>.
Summary of change	<Textual description of performed changes>
Other affected objects	<GOTO fields to other change descriptions> (optional)
ETSI comment	
R&S conclusion	

- TTCN object:** Identifier(s) of one or more TTCN objects having a global context in the TTCN ATS. Typically only one TTCN object occurs. More than one object is listed only, when:
- a) All objects belong to the same TTCN Object Class; and
 - b) All objects are either created, or are modified in the same systematic way; and
 - c) No other change is proposed for the listed objects.
- Reference ATS:** ETSI ATS containing the referred TTCN object(s), relative to which the current change description applies.
- Change Label:** Textual identifier starting with the fixed string 'WA#2G3RRC', followed by a 4-digit number (e.g. WA#2G3RRC0110). A Change Label is assigned when a particular problem is recognized during the verification work. More than one TTCN Object may be affected by the proposed solution to this problem.
- Reason for change:** Textual description of the reason why the change is proposed.
- Summary of change:** Short description of what is proposed for change.
- Other affected objects:** List of one or more GOTO fields, pointing to other TTCN objects having assigned the same Change Label, i.e. all other objects being affected by the problem giving rise to the current Change Label.
- ETSI comment:** This field may be used by ETSI colleagues giving a dedicated reply to the current CR document. Otherwise it is filled by the R&S 2G3 group when another kind of response is received from ETSI.
- R&S conclusion:** Filled by the R&S 2G3 group when the ETSI answer does not indicate acceptance of the change request.

4.3 Modifications inside the tc_6_2_1_6 behaviour table

TTCN object	tc_6_2_1_6
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0324
Reason for change	Two UTRAN cells, A and B, are activated in the test case, but in It_InitVariables only UTRAN cell A is initialized.
Summary of change	Add an initializing line for UTRAN cell B.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0341
Reason for change	In It_LocalTest and It_SubLocalTest ts_MMI_Cmd was added to prompt the use to switch off the UE. But this does not change the value of tcv_UE_SwitchedON, so that in the next subtest, the user is not prompted to switch the UE back on again.
Summary of change	Use ts_MMI_UE_SwitchON.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0344
Reason for change	The L2 connection on the combined SDCCH is not released after IMSI detach. This causes problems when L2 is established later.
Summary of change	Add an attachment of test step ts_G_ChannelRelease after the IMSI detach.
Other affected objects	ts_DetachOnSwitchOffRATSpecfic (see T1s040536 [3])
ETSI comment	
Change Label	WA#2G3RRC0347
Reason for change	In It_SubLocalTest FACH is reconfigured for the old cell before detach is performed on the old cell.
Summary of change	Interchange the first 2 lines of It_SubLocalTest so that detach is performed first.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Case			
Test Case Id:	tc_6_2_1_6		
Test Group Reference:	DualIdleMode/		
Purpose:	1.To verify that, 1.1 the UE searches for a HPLMN RAT according to the HPLMN Selector with Access Technology data field on the USIM in priority order 1.2 if no RAT on the list is available, the UE tries to obtain registration on the same PLMN using other UE-supported RATs.		
Configuration:			
Defaults:	IntersystemDef		
Comments:			
Nr	Label	Behaviour Description	Comments
1		START_t_Guard	
2		[px_RAT=fdd]	FDD specific behaviour
3		+It_InitVariables	
4		+ts_SS_CreateCellFACH(tsc_CellA)	Configure lower tester for cell A
5		+ts_SendDefSysInfo_PLMN_RAT(tsc_CellA)	Sends the default system information in CellA
6		+ts_SS_CreateCellFACH(tsc_CellB)	Configure lower tester cell C
7		+ts_SendDefSysInfo_PLMN_RAT(tsc_CellB)	Sends the default system information in CellC
8		+ts_CreateCell_GSM_Comb(tsc_GSM_CellA)	
9		+ts_SendDefSysInfoGSM_With3SI2ter(tsc_GSM_CellA,tsc_PhyCh0, INT_TO_BIT (tcv_CellInfoA.frequencyInfo.modeSpecificInfo.fdd. uarfcn_DL,14),INT_TO_BIT(tcv_CellInfoB.frequencyInfo.modeSpecificInfo.fdd. uarfcn_DL,14),tsc_G_QSearch_I,1000B,000B, si2ter)	@sic T1s040275 sic@
10		+It_LocalTest	
11		+po_ConnectionAndSS_ReIs	To release all the configured but not released cells
12		+It_PO_G_SS_Releases	To release all the configured but not released GSM cells
13	ERR1	[px_RAT=tdd]	TDD specific behaviour
14	ERR2	[TRUE]	
It_LocalTest			
15	TBS	(tcv_TestBody:=TRUE)	
16		+ts_MMI_Cmd ("Please insert the USIM card, with Type A EFACC in 6.2.1.6")	Request to insert the USIM A in the UE TEST STEP A
17		+ts_MMI_UE_SwitchOn	Request to switch on the mobile. (TEST STEP B) WA#2G3RRC0341
18		[pc_AccessTechPriSupplnHPLMNwACT = TRUE]	The UE is using HPLMN Selector with Access Technology data field on the USIM @sic T1-040971 sic@
19		+ts_NormalRegistration (tsc_CellA)	(TEST STEP C) wait for RA req from UE
20		+It_SubLocalTest	
21		[TRUE]	The UE is not using HPLMN Selector with Access Technology data field on the USIM @sic T1-040971 sic@
22		+ts_NormalRegistration_GSM_Or_UTRAN(tsc_GSM_CellA, tsc_CellA)	(TEST STEP C) wait for RA req from UE @sic T1-040971 sic@
23		+It_SubLocalTest	
It_SubLocalTest			
24		+ts_DetachOnSwitchOffRATSpecific(tcv_RegisteredCellId)	@sic T1s040349 sic@ (TEST STEP D) WA#2G3RRC0347
25		+ts_HO_ReconFACH_ToFACH(tsc_CellA,tsc_CellB)	Prepare SS
26		+ts_SS_Rel(tsc_CellA)	cell A switched off
27		+ts_MMI_UE_SwitchOn	Request to switch on the mobile. (TEST STEP D) WA#2G3RRC0341
28		+ts_GSM_NormalRegistration(tsc_GSM_CellA)	(TEST STEP E)
29		+ts_G_DetachOnSwitchOff (tsc_GSM_CellA)	@sic T1s040349 sic@ (TEST STEP F)
30		+ts_G_ChannelRelease (tsc_GSM_CellA, tsc_PhyCh0)	WA#2G3RRC0344
31		+ts_MMI_Cmd ("Please insert the USIM card, with Type B EFACC in 6.2.1.6")	Request to insert the USIM B in the UE (TEST STEP F)
32		+ts_MMI_UE_SwitchOn	Request to switch on the mobile. (TEST STEP G) WA#2G3RRC0341
33		+ts_GSM_NormalRegistration(tsc_GSM_CellA)	(TEST STEP H)
34	TBE	(tcv_TestBody := FALSE)	
It_InitVariables			
35		+ts_RRC_InitVariables(cell_FACH)	
36		+ts_GSM_InitVariables_TwoCells	Initialises the Variables depending on the GSM Band under usage For all Cells.
37		+ It_ITU_BandSpecificInitializing	
38		(tcv_CellInfoA.mcc=tsc_MCC_PLMN2,tcv_CellInfoA.mnc=tsc_MNC_PLMN2,tcv_CellInfoA.lac=tsc_LAC_PLMN2,tcv_CellInfoA.rac=tsc_RAC_PLMN2,tcv_CellInfoA.attenuationLevel=tcv_CellInfoA.powerpCPICH+70,tcv_CellInfoA.attFlag = tsc_AttOn)	Initialize CELL A Variable as the test case demands
39		(tcv_CellInfoB.mcc=tsc_MCC_PLMN3,tcv_CellInfoB.mnc=tsc_MNC_PLMN3,tcv_CellInfoB.lac=tsc_LAC_PLMN3,tcv_CellInfoB.rac=tsc_RAC_PLMN3,tcv_CellInfoB.attenuationLevel=tcv_CellInfoB.powerpCPICH+75,tcv_CellInfoC.attFlag = tsc_AttOn)	Initialize CELL B Variable as the test case demands WA#2G3RRC0324 ER1962

40	(tcv_G_CellInfoA.mcc=tsc_MCC_PLMN2,tcv_G_CellInfoA.mnc=tsc_MNC_PLMN2,tcv_G_CellInfoA.lac=tsc_LAC2_PLMN2,tcv_G_CellInfoA.d ownlinkPowerLevel=tsc_G_DL_PowerLevel_65EMF)		Initialize CELL A Variable as the test case demands @sic T1-0400647 sic@
It_PO_G_SS_Releases			
41	+po_GSM_SS_CellRelease(tsc_GSM_CellA)		(TEST STEP F) G cell A switched off
It_ITU_BandSpecificInitializing			
42	[px_OperationBandSupp = 1]		
43	(tcv_CellInfoA = c_CellInfoDiff (tsc_CellA, px_PriScrmCode, tsc_URA_IdCellA, tsc_CRNT1, px_TCellA, tsc_SFN_OffsetA, c_FreqInfoCh1, px_UL_ScramblingCode))		
44	(tcv_CellInfoB = c_CellInfoDiff (tsc_CellB, ((px_PriScrmCode + 50) MOD 512), tsc_URA_IdCellB, tsc_CRNT1, px_TCellB, tsc_SFN_OffsetB, c_FreqInfoCh2, ((px_UL_ScramblingCode + 1000) MOD 16777216)))		
45	[px_OperationBandSupp = 2]		
46	(tcv_CellInfoA = c_CellInfoDiff (tsc_CellA, px_PriScrmCode, tsc_URA_IdCellA, tsc_CRNT1, px_TCellA, tsc_SFN_OffsetA, c_FreqInfoCh1_Band2, px_UL_ScramblingCode))		
47	(tcv_CellInfoB = c_CellInfoDiff (tsc_CellB, ((px_PriScrmCode + 50) MOD 512), tsc_URA_IdCellB, tsc_CRNT1, px_TCellB, tsc_SFN_OffsetB, c_FreqInfoCh2_Band2, ((px_UL_ScramblingCode + 1000) MOD 16777216)))		
48	[px_OperationBandSupp = 3]		
49	(tcv_CellInfoA = c_CellInfoDiff (tsc_CellA, px_PriScrmCode, tsc_URA_IdCellA, tsc_CRNT1, px_TCellA, tsc_SFN_OffsetA, c_FreqInfoCh1_Band3, px_UL_ScramblingCode))		
50	(tcv_CellInfoB = c_CellInfoDiff (tsc_CellB, ((px_PriScrmCode + 50) MOD 512), tsc_URA_IdCellB, tsc_CRNT1, px_TCellB, tsc_SFN_OffsetB, c_FreqInfoCh2_Band3, ((px_UL_ScramblingCode + 1000) MOD 16777216)))		
Detailed Comment:			

4.4 Other modifications relevant for tc_6_2_1_6

N/A

4.5 Changes referred to from previous CRs

Table 2 below lists all Change Label/Affected TTCN Object combinations of changes in the RRC ATS required for tc_6_2_1_6, which also apply to one or more other test cases previously requested for approval and being defined unchanged in a previous CR issued by Rohde&Schwarz. For each change the document ID of the previous CR and the reference ATS are also shown.

Table 2: Change labels and affected TTCN objects of the RRC ATS treated in previous CRs

Change Labels	Affected TTCN Objects	Ref. ATS	CR DocId
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0305	c_MSRadioAccessCap_lv_Any	New	T1s040536 [3]
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0337	ts_GSM_RegistrationWithoutRRConreq	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	ts_G_RR_Con_Est	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	ts_GSM_RegistrationWithoutRRConreq	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0344	ts_DetachOnSwitchOffRATSpecfic	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0346	ts_SendDefSysInfoGSM_With3SI2ter	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0348	c_ExtNeighBCCH_FreqList2terGSM1800B	New	T1s040536 [3]
WA#2G3RRC0348	c_G_CellConfigInfoGSM1800_CellB	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0365	cr_DRXparameter_v_Any	New	T1s040536 [3]
WA#2G3RRC0365	cr_MS_NetworkCap_lv_Any	New	T1s040536 [3]
WA#2G3RRC0366	c_AC_RefNum_Any	New	T1s040536 [3]
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0380	ts_GMM_DetachOnSwitchOff	IR_U_wk31.mp [2]	T1s040536 [3]

5 Supplementary information

5.1 ATS

The TTCN ATS containing modified tc_6_2_1_6 is IR_U_6_2_1_6.mp.

6 References

[1]	T1s040539.zip Archive comprising the TTCN MP file for the current CR (supplementary information).
[2]	IR_U_wk31.mp ETSI InterRat UTRAN ATS, version week 31 (2004).
[3]	T1s040536.doc Previous CR (on tc_6_2_1_1) containing change proposals also referred to in the current CR.
[4]	3GPP TS 34.123-3 V3.5.2 (2004-04) Technical Specification 3rd Generation Partnership Project; Technical Specification Group Terminals; User Equipment (UE) conformance specification; Part 3: Abstract Test Suite (ATS).
[5]	3GPP TS 24.008 V5.11.0 (2004-03) Technical Specification 3rd Generation Partnership Project; Technical Specification Group Core Network; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3.
[6]	T1s040558.doc Two Excel sheets ErrorList_wk26.xls, and ErrorList_wk31.xls are included. The two lists can also be found in the TTCN deliveries iWD-TVB2003-03_D04wk31, wk23 and wk34.

Annex A: List of change labels and affected TTCN objects

The following Table 3 lists all change labels being described in this document, together with the related affected TTCN objects, and the Reference ATS to which the change description applies. When no Reference ATS is present, the object is a new definition.

Table 3: List of change labels and related affected TTCN Objects and reference ATS

Change Labels	Affected TTCN Objects	Ref. ATS
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]
WA#2G3RRC0305	c_MSRadioAccessCap_lv_Any	New
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]
WA#2G3RRC0324	tc_6_2_1_6	IR_U_wk31.mp [2]
WA#2G3RRC0337	ts_GSM_RegistrationWithoutRRConreq	IR_U_wk31.mp [2]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_GSM_RegistrationWithoutRRConreq	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_RR_Con_Est	IR_U_wk31.mp [2]
WA#2G3RRC0341	tc_6_2_1_6	IR_U_wk31.mp [2]
WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]
WA#2G3RRC0344	tc_6_2_1_6	IR_U_wk31.mp [2]
WA#2G3RRC0344	ts_DetachOnSwitchOffRATSpecific	IR_U_wk31.mp [2]
WA#2G3RRC0346	ts_SendDefSysInfoGSM_With3SI2ter	IR_U_wk31.mp [2]
WA#2G3RRC0347	tc_6_2_1_6	IR_U_wk31.mp [2]
WA#2G3RRC0348	c_ExtNeighBCCH_FreqLst2terGSM1800B	New
WA#2G3RRC0348	c_G_CellConfigInfoGSM1800_CellB	IR_U_wk31.mp [2]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]
WA#2G3RRC0365	cr_MS_NetworkCap_lv_Any	New
WA#2G3RRC0365	cr_DRXparamter_v_Any	New
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]
WA#2G3RRC0366	c_AC_RefNum_Any	New
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]
WA#2G3RRC0380	ts_GMM_DetachOnSwitchOff	IR_U_wk31.mp [2]

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3	CR 1170 # rev - # Current version: 3.7.0 #

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction of GCF package 2 IR_U test case 8.3.7.1.		
Source:	# Rohde & Schwarz		
Work item code:	# N/A		Date: # 03/09/04
Category:	# F		Release: # R99
	<i>Use <u>one</u> of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# To correct approved GCF package 2 IR_U test case 8.3.7.1.
Summary of change:	# This document lists the additional changes to be applied to test case 8.3.7.1.
Consequences if not approved:	# The test case will not work properly

Clauses affected:	# N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X		
Y	N										
#	X										
#	X										
#	X										
Other comments:	#										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

01 Jan - 31 Dec 2004

Title: Corrections to test case 8.3.7.1

Source: Rohde & Schwarz

Agenda Item: TTCN Issues

Document for: Approval

Contact: Holger Jauch
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1 Overview

This document is a CR on approved test case 8.3.7.1. It lists all the changes needed to correct detected problems in the TTCN implementation of test case 8.3.7.1 which is part of the IR_U test suite.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs.

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3 Verification Test Summary

Test Case: tc_8_3_7_1
Test Group: ISHO_UTRAN_ToGSM/
ATS Version: IR_U_wk31.mp

4 Corrections required for test case 8.3.7.1

4.1 Introduction

This CR presents corrections on ISHO_UTRAN_ToGSM test case tc_8_3_7_1, which has been approved and is in the validation process.

The ATS enclosed in T1s040541.zip [1] contains the modifications of test case tc_8_3_7_1 described in this document. The corrections to the errors listed in T1s040558.doc [4] have been performed, as far as applicable.

For the ATS modifications as identified by the 'Change labels' as defined in the subsequent subclauses, the following principles apply:

- a) All changes are described with respect to **IR_U_wk31.mp** (plus implementation of 'high priority' CRs and other errors listed in T1s040558.doc [4]).
- b) For the changes that are already described in previous CR T1s040536 [3], the list of associated change labels and affected TTCN objects is given in subclause 4.5.
- c) All other changes and new TTCN objects are explicitly described in this CR.

Annex A contains a table listing all change label/affected object combinations applicable to tc_8_3_7_1 (including the ones described in previous CR T1s040536 [3]).

4.2 Presentation of the modifications

The modifications are presented by the use of '**Change Tables**' as described below, and by **screenshots** taken from the relevant parts of changed TTCN objects in TTCN.GR format.

In addition, if the **reason for a change** cannot be expressed in a few table lines, particular subclauses of clause 4 may be generated for detailed argumentation.

The '**Change Tables**' have the format described in the example below (all entries in the second column are for demonstration purposes only):

Table 1: Example Change Table

TTCN object	<i>tc_8_3_7_1</i>
Reference ATS	<i>IR_U_wk31.mp [2]</i>
Change Label	<i>WA#2G3RRC0110</i>
Reason for change	<i><Textual description of change reason>.</i>
Summary of change	<i><Textual description of performed changes></i>
Other affected objects	<i><GOTO fields to other change descriptions> (optional)</i>
ETSI comment	
R&S conclusion	

- TTCN object:** Identifier(s) of one or more TTCN objects having a global context in the TTCN ATS. Typically only one TTCN object occurs. More than one object is listed only, when:
- a) All objects belong to the same TTCN Object Class; and
 - b) All objects are either created, or are modified in the same systematic way; and
 - c) No other change is proposed for the listed objects.
- Reference ATS:** ETSI ATS containing the referred TTCN object(s), relative to which the current change description applies.
- Change Label:** Textual identifier starting with the fixed string 'WA#2G3RRC', followed by a 4-digit number (e.g. WA#2G3RRC0110). A Change Label is assigned when a particular problem is recognized during the verification work. More than one TTCN Object may be affected by the proposed solution to this problem.
- Reason for change:** Textual description of the reason why the change is proposed.
- Summary of change:** Short description of what is proposed for change.
- Other affected objects:** List of one or more GOTO fields, pointing to other TTCN objects having assigned the same Change Label, i.e. all other objects being affected by the problem giving rise to the current Change Label.
- ETSI comment:** This field may be used by ETSI colleagues giving a dedicated reply to the current CR document. Otherwise it is filled by the R&S 2G3 group when another kind of response is received from ETSI.
- R&S conclusion:** Filled by the R&S 2G3 group when the ETSI answer does not indicate acceptance of the change request.

4.3 Modifications inside the tc_8_3_7_1 behaviour table

TTCN object	tc_8_3_7_1
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0344
Reason for change	The L2 connection on the combined SDCCH is not released after IMSI detach. This causes problems when L2 is established later.
Summary of change	Add an attachment of test step ts_G_ChannelRelease after the IMSI detach.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_8_3_7_1
Test Group Reference:	ISHO_UTRAN_ToGSM/
Purpose:	To test that the UE supporting both GSM and UTRAN handovers from a UTRAN serving cell to the indicated channel of GSM target cell when the UE is in the speech call active state and receives an INTER-SYSTEM HANDOVER COMMAND FROM UTRAN.
Configuration:	
Defaults:	IntersystemDef
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START_t_Guard			
2		[px_RAT = fdd]			FDD specific behaviour

It_Postamble					
55		+It_OperationModeA			@sic T1-040779 sic@ perform normal RAU immediately if GERAN OpModeA
56		+ts_G_Disconnect(tsc_GSM_CellA, tsc_G_Trchld1)			@sic T1-040779 sic @
57		+ts_G_ChannelRelease (tsc_GSM_CellA, tsc_G_Trchld1)			@sic T1-040940 sic@
58		+It_RAU_LU			@sic T1-040779 sic@ combined RAU or Loc Upd
59		+ts_G_DetachOnSwitchOff (tsc_GSM_CellA)			@sic T1-040779 sic@
60		+ts_G_ChannelRelease (tsc_GSM_CellA, tsc_PhyCh0)			WA#2G3RRC0344
61		+ts_GSM_SetCellPowerLevel2Ch(tsc_GSM_CellA, tsc_PhyCh0 , tsc_PhyCh1 , tsc_ChPwrLvl_Off)			@sic T1-040940 sic@
62		+ts_SSconfigToInitialState(tsc_CellA)			
63		+ts_GSM_ChannelRelease (tsc_GSM_CellA, tsc_G_Trchld1)			To Release the Traffic channel

4.4 Other modifications relevant for tc_8_3_7_1

4.4.1 tcv_CC_MT_CallSetupState

TTCN object	tcv_CC_MT_CallSetupState		
Reference ATS	New		
Change Label	WA#2G3RRC0381		
Reason for change	A new test case variable is required to track the Call Control Mobile Terminating Call states.		
Summary of change	Define new state variable tcv_CC_MT_CallSetupState.		
Other affected objects	t_CC_MT_Call_Timer , ts_CC_EnterU10_MT_Speech , ts_CC_RcvCallConf , RRC_Def1 , SS_Def		
ETSI comment			
R&S conclusion			
tcv_CC_MT_CallSetupState	INTEGER	0	Used to follow MT call states when CC signalling messages are received in defaults. 0: No MT call progressing; 1: SetupDL sent, call not confirmed 2: call confirmed, no alerting/connect received; 3: alerting received, no connect received; 4: connect received WA#2G3RRC0381

4.4.2 t_CC_MT_Call_Timer

TTCN object	t_CC_MT_Call_Timer		
Reference ATS	New		
Change Label	WA#2G3RRC0381		
Reason for change	A new timer is required for MT call states supervision.		
Summary of change	Define new timer t_CC_MT_Call_Timer applied in the MT setup phase.		
Other affected objects	tcv_CC_MT_CallSetupState , ts_CC_EnterU10_MT_Speech , ts_CC_RcvCallConf , RRC_Def1 , SS_Def		
ETSI comment			
R&S conclusion			
t_CC_MT_Call_Timer	20	s	Timer used to ascertain the receipt of alerting/connect messages during MT call. WA#2G3RRC0381

4.4.3 Various constraints for GSM frequency lists

TTCN object	c_G_FreqList_GSM_1800_26_6_5_1_4 c_G_FreqList_GSM_1900_26_6_5_1_4 c_G_FreqList_GSM_450_26_6_5_1_4 c_G_FreqList_GSM_480_26_6_5_1_4 c_G_FreqList_GSM_900_26_6_5_1_4
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0187
Reason for change	The comment related to the frequency list is insufficient and inconsistent with the comments assigned to similar frequency list constraints.
Summary of change	Add a proper comment on range/frequency list.
Other affected objects	
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration			
Constraint Name:	c_G_FreqList_GSM_1800_26_6_5_1_4		
Group:			
Type Name:	FreqListNoIEI		
Derivation Path:			
Encoding Variation:			
Comments:	Frequency channel sequence indicates all of the CA of cell A except for the BCCH frequency WA#2G3RRC0187 Use Range 256 to encode the following 15 frequencies: (734, 741, 754, 759, 762, 766, 767, 773, 775, 779, 782, 791, 798, 829, 832, 844)		
Element Name	Element Value	Type Encoding	Comments
length	'0D'0		OCTETSTRING [1]
fl	'8B8F14F32FC602C53E5FFA54998'0		list of the absolute radio frequency channel numbers

4.4.4 c_G_RR_Cause

TTCN object	c_G_RR_Cause
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0354
Reason for change	Mandatory element 'cause' has value '*'.
Summary of change	Replace value '*' by '?'.
Other affected objects	
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration			
Constraint Name:	c_G_RR_Cause		
Group:			
Type Name:	RR_Cause		
Derivation Path:			
Encoding Variation:			
Comments:	RR Cause 3GPP TS 44.018 clause 10.5.2.31		
Element Name	Element Value	Type Encoding	Comments
iei	OMIT		@sic RASH T1-031723 sic@
cause	?		To Be Filled WA#2G3RRC0354

4.4.5 c_MobileTimeDiff_Any

TTCN object	c_MobileTimeDiff_Any
Reference ATS	New
Change Label	WA#2G3RRC0370
Reason for change	An 'Any-constraint' for Structured Type MobileTimeDiff is required.
Summary of change	Define new constraint 'c_MobileTimeDiff_Any' for Structured Type 'MobileTimeDiff'.
Other affected objects	cr_G_HandOverCmp_Normal
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration			
Constraint Name:	c_MobileTimeDiff_Any		
Group:			
Type Name:	MobileTimeDiff		
Derivation Path:			
Encoding Variation:			
Comments:	WA#2G3RRC0370		
Element Name	Element Value	Type Encoding	Comments
iei	'01110111'B		
iel	?		
valueHigh	?		
valueContd	?		
valueLow	?		
spareBits	'000'B		

4.4.6 c_SIB11_3_Intra3_Inter2_InterRAT_Def

TTCN object	c_SIB11_3_Intra3_Inter2_InterRAT_Def
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0236
Reason for change	The nonCriticalExtensions value is not omitted.
Summary of change	Replace value {} by OMIT.
Other affected objects	c_SIB12_3_Intra3_Inter2_InterRAT_Def
ETSI comment	
R&S conclusion	

ASN.1 Type Constraint Declaration	
Constraint Name:	c_SIB11_3_Intra3_Inter2_InterRAT_Def (p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_InterCellInfo6, p_InterCellInfo7, p_InterCellInfo8 : CellInfoCfg ; p_InterRAT_1, p_InterRAT_2 : G_CellConfigInfo)
Group:	
Type Name:	SysInfoType11
Derivation Path:	
Encoding Variation:	
Comments:	Default system information block type 11. To be used by cell A,B,C,G and H (3 intra, 3 inter, 3InterRAT)
Constraint Value	
<pre> { sib12Indicator TRUE, measurementControlSysInfo { use_of_HCS hcs_not_used : { cellSelectQualityMeasure cpich_RSCP : { Ö } } } }, nonCriticalExtensions OMIT -WA#2G3RRC0236 } </pre>	
Detailed Comment:	

4.4.7 c_SIB12_3_Intra3_Inter2_InterRAT_Def

TTCN object	c_SIB12_3_Intra3_Inter2_InterRAT_Def
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0236
Reason for change	The nonCriticalExtensions value is not omitted.
Summary of change	Replace value {} by OMIT.
Other affected objects	c_SIB11_3_Intra3_Inter2_InterRAT_Def
ETSI comment	
R&S conclusion	

ASN.1 Type Constraint Declaration

Constraint Name:	c_SIB12_3_Intra3_Inter2_InterRAT_Def (p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_InterCellInfo1, p_InterCellInfo2, p_InterCellInfo3 : CellInfoCfg ; p_InterRAT_1, p_InterRAT_2 : G_CellConfigInfo)
Group:	
Type Name:	SysInfoType12
Derivation Path:	
Encoding Variation:	
Comments:	Default system information block type 11. To be used by cell A,B,C,G and H (5 intra and 3 inter)

Constraint Value

```

{
  measurementControlSysInfo {
    use_of_HCS hcs_not_used : {
      cellSelectQualityMeasure cpich_RSCP : {
        ○
      }
    }
  }
  nonCriticalExtensions OMIT - WA#2G3RRC0236
}

```

Detailed Comment:

4.4.8 cr_Alert

TTCN object	cr_Alert
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0364
Reason for change	Optional elements having a Structured Type have value '?' or '*'.
Summary of change	For optional elements having a Structured Type: replace value by 'Any-constraint IF_PRESENT'.
Other affected objects	
ETSI comment	
R&S conclusion	

PDU Constraint Declaration

Constraint Name:	cr_Alert (p_TI : TI)
Group:	
PDU Name:	ALERTINGul
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	ALERTING - receive constraint

Field Name	Element Value	Type Encoding	Comments
ti	p_TI		
cC_ProtocolDiscriminator	'0011'B		
msgType	'??000001'B		
facility	cr_FacAny IF_PRESENT		WA#2G3RRC0364
userUser	cr_UserUserAny IF_PRESENT		WA#2G3RRC0364
sS_VersionInd	cr_SS_VersionIndAny IF_PRESENT		WA#2G3RRC0364

4.4.9 cr_Connect

TTCN object	cr_Connect
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0367
Reason for change	cr_Connect has assigned value '*' to optional elements having a structured type.
Summary of change	Replace value '*' by 'Any-constraint IF_PRESENT'.
Other affected objects	cr_ConnectedSubAdrs_Any
ETSI comment	
R&S conclusion	

PDU Constraint Declaration				
Constraint Name:	cr_Connect (p_TI : TI)			
Group:				
PDU Name:	CONNECTUI			
Derivation Path:				
Encoding Rule Name:				
Encoding Variation:				
Comments:	CONNECT - receive constraint			
Field Name	Element Value	Type Encoding	Comments	
ti	p_TI			
cC_ProtocolDiscriminator	'0011'B			
msgType	'??000111'B			
facility	cr_FacAny IF_PRESENT		WA#2G3RRC0367	
connectedSubAdrs	cr_ConnectedSubAdrs_Any IF_PRESENT		WA#2G3RRC0367	
userUser	cr_UserUserAny IF_PRESENT		WA#2G3RRC0367	
sS_VersionInd	cr_SS_VersionIndAny IF_PRESENT		WA#2G3RRC0367	
streamId	cr_StreamIdAny IF_PRESENT		WA#2G3RRC0367	

4.4.10 cr_ConnectedSubAdrs_Any

TTCN object	cr_ConnectedSubAdrs_Any
Reference ATS	New
Change Label	WA#2G3RRC0367
Reason for change	An 'Any-constraint' for Structured Type ConnectedSubAdrs is required.
Summary of change	Define new constraint 'ConnectedSubAdrs'.
Other affected objects	cr_Connect
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration				
Constraint Name:	cr_ConnectedSubAdrs_Any			
Group:				
Type Name:	ConnectedSubAdrs			
Derivation Path:				
Encoding Variation:				
Comments:	WA#2G3RRC0367			
Element Name	Element Value	Type Encoding	Comments	
iei	'01001101'B		information element identifier	
iei	?		length	
subadrs	cr_SubadrsAny		Subaddress	

4.4.11 cr_G_HandOverCmp_Normal

TTCN object	cr_G_HandOverCmp_Normal
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0370
Reason for change	cr_G_HandOverCmp_Normal has assigned value '*' to optional element 'mobileObservedTimeDiff', having a structured type.
Summary of change	Apply value 'c_MobileTimeDiff_Any IF_PRESENT' in cr_G_HandOverCmp_Normal for element 'mobileObservedTimeDiff'
Other affected objects	c_MobileTimeDiff_Any
ETSI comment	
R&S conclusion	

PDU Constraint Declaration			
Constraint Name:	cr_G_HandOverCmp_Normal		
Group:			
PDU Name:	HANDOVERCOMPLETE		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	A basic received constraint for HANDOVER COMPLETE message.		
Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		skip identifier
rRProtocolDiscriminator	'01110'B		RR protocol discriminator
msgType	'2C'0		message type
rRCau	c_G_RR_Cause		RR cause: normal event
mobileObservedTimeDiff	c_MobileTimeDiff_Any IF_PRESENT		mobile observed time difference WA#2G3RRC0370

4.4.12 cr_Rel

TTCN object	cr_Rel
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0373
Reason for change	cr_Rel has assigned value '*' to optional elements having a structured type.
Summary of change	For elements having a Structured Type: replace value '*' by 'Any-constraint IF_PRESENT'.
Other affected objects	
ETSI comment	
R&S conclusion	

PDU Constraint Declaration			
Constraint Name:	cr_Rel (p_TI : TI)		
Group:			
PDU Name:	RELEASEEul		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	RELEASE - receive constraint		
Field Name	Element Value	Type Encoding	Comments
ti	p_TI		
cC_ProtocolDiscriminator	'0011'B		
msgType	'??101101'B		
cau	cr_CauAny IF_PRESENT		WA#2G3RRC0373
cau2	cr_CauAny IF_PRESENT		WA#2G3RRC0373
facility	cr_FacAny IF_PRESENT		WA#2G3RRC0373
userUser	cr_UserUserAny IF_PRESENT		WA#2G3RRC0373
sS_VersionInd	cr_SS_VersionIndAny IF_PRESENT		WA#2G3RRC0373

4.4.13 cr_StreamIdPresent

TTCN object	cr_StreamIdPresent
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0375
Reason for change	Element 'val' is mandatory, but has value '*'.
Summary of change	Replace value '*' by '?'.
Other affected objects	
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration

Constraint Name: cr_StreamIdPresent
 Group:
 Type Name: StreamId
 Derivation Path:
 Encoding Variation:
 Comments: stream identifier - any value

Element Name	Element Value	Type Encoding	Comments
iei	'00101101'B		information element identifier '00101101'B
iel	'01'O		length
val	?		stream identifier value WA#2G3RRC0375

4.4.14 ts_CC_EnterU10_MT_Speech

TTCN object	ts_CC_EnterU10_MT_Speech
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0381
Reason for change	<p>When performing a MT call, e.g. in test case 8.3.7.1, CC messages can be received from the UE during the RAB Setup phase. Previously these messages, e.g. Alerting, were not explicitly received in the dynamic behaviour, particularly not in a default.</p> <p>After the Dc?OTHERWISE statement was added to RRC_Def1, this message was received in the default, but leading to a non-PASS verdict.</p> <p>A mechanism is required to catch and note these CC messages and proceed accordingly in the relevant test cases/steps after RAB Setup completion.</p>
Summary of change	<p>The procedure proposed here makes use of a new state variable for MT call (tcv_CC_MT_CallSetupState) and a new independent timer (t_CC_MT_Call_Timer) applied in the MT setup phase.</p> <p>When a MT call and RAB Setup are initiated (e.g. In test step ts_CC_EnterU10_MT_Speech), the state variable is set accordingly.</p> <p>When a CC message is received from the UE before RAB Setup completion, it is caught in one of the applicable defaults (RRC_Def1 or SS_Def), and the state variable is set accordingly.</p> <p>When after RAB Setup completion the CC state is treated explicitly (e.g. in It_ReceiveConnectOrAlerting in ts_CC_EnterU10_MT_Speech) the state variable is checked for CC messages received before and CC can proceed accordingly).</p> <p>Note 1: this change proposal is for the IR_U ATS. For other ATSS other TTCN objects may require changes.</p> <p>Note 2: CC messages other than Alerting&Connect are currently not treated.</p> <p>Note 3: this basic change request could e.g. be modified to define a new CC-specific default, which is put into the default list of the relevant test steps.</p>
Other affected objects	tcv_CC_MT_CallSetupState , t_CC_MT_Call_Timer , ts_CC_RcvCallConf , RRC_Def1 , SS_Def
ETSI comment	
R&S conclusion	

Test Step	
Test Step Id:	ts_CC_EnterU10_MT_Speech (p_CellId : INTEGER)
Test Step Group Ref:	RRCM_CC_StepsForMultiRAT/
Objective:	To bring UE to CC state U10 with an MT speech call.
Defaults:	NAS_OtherwiseFail
Comments:	@SIC_NAPP

Nr	Behaviour Description	Constraint Ref	Comments
1	+ ts_CC_InitTCV_MT_ForMultiRAT (speech_12_2k)		
2	(tcv_SetupMT.signal = cs_SignalDialTone)		
3	+ ts_RRC_PagType1_TMSI_PTMSI_Cau (p_CellId, px_TMSI_Def, tcv_PagingCau)		
4	+ ts_RRC_ConnEst (p_CellId, est_MT, tcv_EstCause)		Step 1 - 5
5	Dc?RRC_DataInd (tcv_Start = RRC_DataInd.start)	car_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, c_PagResp (?, c_MobIleIdTMSI_Iv))	Step 6
6	+ ts_SS_SecurityDownloadStart (cs_domain, tcv_Start)		
7	+ ts_MM_Authentication (p_CellId)		Steps 7-8
8	+ ts_RRC_Security(p_CellId, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM, TRUE, cs_domain)		Steps 9-10
9	Dc ! RRC_DataReq (tcv_CC_MT_CallSetupState := 1)	ca_DataReq (tsc_CellDedicated, tsc_RB3, tcv_SetupMT)	Step 11 WA#2G3RRC0381
10	+ ts_CC_RcvCallConf (p_CellId)		Step 12
11	+ ts_RRC_SetUpRAB (p_CellId, tcv_RAB_Id, cell_DCH_Speech)		Step 13-14
12	+ It_ReceiveConnectOrAlerting		Step 15-16
13	Dc ! RRC_DataReq	ca_DataReq (tsc_CellDedicated, tsc_RB3, cs_ConnAck (tcv_TI_S))	Step 17
14	+ ts_CC_CheckState (p_CellId, tsc_StateU10)		
It_ReceiveConnectOrAlerting			
15	[tcv_CC_MT_CallSetupState = 4] (tcv_CC_MT_CallSetupState := 0)		connect message already received WA#2G3RRC0381
16	[tcv_CC_MT_CallSetupState = 3] (tcv_CC_MT_CallSetupState := 0)		alerting message already received
17	+ ts_AT_AnswerCall		
18	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TL_R))	
19	[tcv_CC_MT_CallSetupState = 2] (tcv_CC_MT_CallSetupState := 0) START t_CC_MT_Call_Timer(20)		call confirmed, no alerting or connect message already received
20	Dc ? RRC_DataInd START t_CC_MT_Call_Timer(60)	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Alert (tcv_TI_R))	

21	+ ts_AT_AnswerCall		
22	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TL_R))	
23	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TL_R))	Receive connect without previous alerting
24	[TRUE] (tcv_CC_MT_CallSetupState := 0) CANCEL t_CC_MT_Call_Timer		(F) Unexpected MT call state
Detailed Comment:			

4.4.15 ts_CC_RcvCallConf

TTCN object	ts_CC_RcvCallConf
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0381
Reason for change	The MT call state has to be noted to be evaluated later.
Summary of change	Set tcv_CC_MT_CallSetupState to 2 (= "call confirmation received").
Other affected objects	tcv_CC_MT_CallSetupState , t_CC_MT_Call_Timer , ts_CC_EnterU10_MT_Speech , RRC_Def1 , SS_Def
ETSI comment	
R&S conclusion	

Test Step			
Test Step Id:	ts_CC_RcvCallConf (p_CellId : INTEGER)		
Test Step Group Ref:	L3M_CC_Steps/		
Objective:	To receive the CALL CONFIRMED message with or without Steam Identifier.		
Defaults:	NAB_OtherwiseFail		
Comments:	see TS 24.008 cl. 5.2.2.3.2		
...	Behaviour Description	Constraint Ref	Comments
1	Dc ? RRC_DataInd (tcv_CallConf := RRC_DataInd.msg, tcv_RAB_Id := tcv_CallConf.streamId.val, tcv_CC_MT_CallSetupState := 2)	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_CallConf (tcv_TL_R, cr_StreamIdPresent))	1. WA#2G3RRC0381
2	Dc ? RRC_DataInd (tcv_CallConf := RRC_DataInd.msg, tcv_RAB_Id := tsc_RAB_DefCS, tcv_CC_MT_CallSetupState := 2)	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_CallConf (tcv_TL_R, -))	2. WA#2G3RRC0381

4.4.16 ts_SS_CreatePhyChOfTrafficChType

TTCN object	ts_SS_CreatePhyChOfTrafficChType
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0222
Reason for change	Sysinfos 5 and 6 are not transmitted on GSM cells.
Summary of change	Added ts_SendGSMSACCHSysInfo at the end of the test step.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Step	
Test Step Id:	ts_SS_CreatePhyChOfTrafficChType(p_CellId : CellId; p_PhychId : PhysicalChId; p_TimeSlot: TN; p_ChMode:ChMode; p_ChannelType:ChannelCombination)
Test Step Group Ref:	M_RAT_HO_ChannelConfig/
Objective:	
Defaults:	SS_Def,IntersystemDef
Comments:	TCH/F + FACCH/F + SACCH/F or TCH/H(0,1) + FACCH/H(0,1) + SACCH/TH(0,1) or TCH/F + FACCH/F + SACCH/M or TCH/F + SACCH/M or TCH/F + SACCH/MD or TCH/F + SACCH/MD or E-TCH/F + E-IACCH/F + E-FACCH/F + E-SACCH/TF or E-TCH/F + E-IACCH/F + E-FACCH/F + E-SACCH/M or E-TCH/F + E-IACCH/F + E-SACCH/M or E-TCH/F + E-IACCH/F + E-SACCH/MD

...	Behaviour Description	Constraint Ref	...	Comments
1	+ts_G_SetTrmpCellConfigInfo (p_CellId)			
2	+It_CreateBasicPhyChReq			
3	G_CL1?G_CL1_CreateBasicPhyCh_CNF	ca_BasicPhyChCnf(p_CellId, p_PhychId)		
4	+It_SendGSMSACCHSysInfo			WA#2G3RRC0222
5	+It_StopMeasRpts			

○

4.4.17 RRC_Def1

TTCN object	RRC_Def1
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0381
Reason for change	The default is applicable to test steps performed during RAB setup, where call control messages can be received. Currently the CC messages are not recognized, neither in the test steps nor in the applicable defaults.
Summary of change	The default is extended such that: When a CC message is received, the state variable is first checked whether the MT call state fits to the message, and then set according to the new message received.
Other affected objects	tcv_CC_MT_CallSetupState , t_CC_MT_Call_Timer , ts_CC_EnterU10_MT_Speech , ts_CC_RcvCallConf , SS_Def
ETSI comment	
R&S conclusion	

Default	
Default Id:	RRC_Def1
Default Group Ref:	RRC_Defaults/
Objective:	To match unexpected events and fail the test case.
Comments:	

...	...	Behaviour Description	Constraint Ref	...	Comments
1		TM?RxStatus [tcv_RLC_IgnoreStatus = TRUE]	car_StatusInd(tsc_RB_AM_7_RLC)		
58	Dc ? RRC_DataInd (tcv_CC_MT_CallSetupState = 2) (tcv_CC_MT_CallSetupState := 3) START t_CC_MT_Call_Timer(60)		car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Alert (tcv_TI_R))		WA#2G3RRC0381 Accept alerting message if compatible CC call state exists.
59	RETURN				WA#2G3RRC0381
60	Dc ? RRC_DataInd (tcv_CC_MT_CallSetupState = 2) OR (tcv_CC_MT_CallSetupState = 3) (tcv_CC_MT_CallSetupState := 4) CANCEL t_CC_MT_Call_Timer		car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))		WA#2G3RRC0381 Accept connect message if compatible CC call state exists.
61	RETURN				WA#2G3RRC0381
62	Dc?OTHERWISE [tcv_TestBody = FALSE]			(I) 2.	
63	DF I5 CANCEL			3.	
64	Dc?OTHERWISE [tcv_TestBody = TRUE]			(F) 5.	
65	DF F5 CANCEL			3.	
66	CRLC?OTHERWISE				
67	DF I5 CANCEL			(I)	
68	CMAC?OTHERWISE				
69	DF I6 CANCEL			(I)	
70	CPHY?OTHERWISE				
71	DF I7 CANCEL			(I)	

Detailed Comment:

4.4.18 SS_Def

TTCN object	SS_Def
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0381
Reason for change	The default is applicable to test steps performed during RAB setup, where call control messages can be received. Currently the CC messages are not recognized, neither in the test steps nor in the applicable defaults.
Summary of change	The default is extended such that: When a CC message is received, the state variable is first checked whether the MT call state fits to the message, and then set according to the new message received.
Other affected objects	tcv_CC_MT_CallSetupState , t_CC_MT_Call_Timer , ts_CC_EnterU10_MT_Speech , ts_CC_RcvCallConf , RRC_Def1
ETSI comment	
R&S conclusion	

Default

Default Id: SS_Def
 Default Group Ref: SS_Defaults/
 Objective: To match unexpected events during SS configuration/reconfiguration steps.
 Comments:

Nr	Lab...	Behaviour Description	Constraint Ref	...	Comments
1		?TIMEOUT t_Guard			
37		RETURN			
38		Dc ? RRC_DataInd [(tcv_CC_MT_CallSetupState = 2) (tcv_CC_MT_CallSetupState = 3) START t_CC_MT_Call_Timer(60)]	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Alert (tcv_TI_R))		WA#2G3RRC0381 Accept alerting message if compatible CC call state exists.
39		RETURN			
40		Dc ? RRC_DataInd [(tcv_CC_MT_CallSetupState = 2) OR (tcv_CC_MT_CallSetupState = 3)] (tcv_CC_MT_CallSetupState = 4) CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))		WA#2G3RRC0381 Accept connect message if compatible CC call state exists.
41		RETURN			WA#2G3RRC0381

Detailed Comment:

4.5 Changes referred to from previous CRs

Table 2 below lists all Change Label/Affected TTCN Object combinations of changes in the RRC ATS required for tc_8_3_7_1, which also apply to one or more other test cases previously requested for approval and being defined unchanged in a previous CR issued by Rohde&Schwarz. For each change the document ID of the previous CR and the reference ATS are also shown.

Table 2: Change labels and affected TTCN objects of the RRC ATS treated in previous CRs

Change Labels	Affected TTCN Objects	Ref. ATS	CR DocId
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0305	c_MSRadioAccessCap_lv_Any	New	T1s040536 [3]
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	ts_G_RR_Con_Est	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0365	cr_DRXparamter_v_Any	New	T1s040536 [3]
WA#2G3RRC0365	cr_MS_NetworkCap_lv_Any	New	T1s040536 [3]
WA#2G3RRC0366	c_AC_RefNum_Any	New	T1s040536 [3]
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]	T1s040536 [3]

5 Supplementary information

5.1 ATS

The TTCN ATS containing modified test case tc_8_3_7_1 is IR_U_8_3_7_1.mp.

6 References

[1]	T1s040541.zip Archive comprising the TTCN MP file for the current CR (supplementary information).
[2]	IR_U_wk31.mp ETSI InterRat UTRAN ATS, version week 31 (2004).
[3]	T1s040536.doc Previous CR (on tc_6_2_1_1) containing change proposals also referred to in the current CR.
[4]	T1s040558.doc Two Excel sheets ErrorList_wk26.xls, and ErrorList_wk31.xls are included. The two lists can also be found in the TTCN deliveries iWD-TVB2003-03_D04wk31, wk23 and wk34.

Annex A: List of change labels and affected TTCN objects

The following Table 3 lists all change labels being described in this document, together with the related affected TTCN objects, and the Reference ATS to which the change description applies. When no Reference ATS is present, the object is a new definition.

Table 3: List of change labels and related affected TTCN Objects and reference ATS

Change Labels	Affected TTCN Objects	Ref. ATS
WA#2G3RRC0187	c_G_FreqList_GSM_1800_26_6_5_1_4	IR_U_wk31.mp [2]
WA#2G3RRC0187	c_G_FreqList_GSM_1900_26_6_5_1_4	IR_U_wk31.mp [2]
WA#2G3RRC0187	c_G_FreqList_GSM_450_26_6_5_1_4	IR_U_wk31.mp [2]
WA#2G3RRC0187	c_G_FreqList_GSM_480_26_6_5_1_4	IR_U_wk31.mp [2]
WA#2G3RRC0187	c_G_FreqList_GSM_900_26_6_5_1_4	IR_U_wk31.mp [2]
WA#2G3RRC0222	ts_SS_CreatePhyChOfTrafficChType	IR_U_wk31.mp [2]
WA#2G3RRC0236	c_SIB11_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]
WA#2G3RRC0236	c_SIB12_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]
WA#2G3RRC0305	c_MSRadioAccessCap_Iv_Any	New
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_RR_Con_Est	IR_U_wk31.mp [2]
WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]
WA#2G3RRC0344	tc_8_3_7_1	IR_U_wk31.mp [2]
WA#2G3RRC0354	c_G_RR_Cause	IR_U_wk31.mp [2]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]
WA#2G3RRC0364	cr_Alert	IR_U_wk31.mp [2]
WA#2G3RRC0365	cr_MS_NetworkCap_Iv_Any	New
WA#2G3RRC0365	cr_DRXparamter_v_Any	New
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]
WA#2G3RRC0366	c_AC_RefNum_Any	New
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]
WA#2G3RRC0367	cr_ConnectedSubAdrs_Any	New
WA#2G3RRC0367	cr_Connect	IR_U_wk31.mp [2]
WA#2G3RRC0370	c_MobileTimeDiff_Any	New
WA#2G3RRC0370	cr_G_HandOverCmp_Normal	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0373	cr_Rel	IR_U_wk31.mp [2]
WA#2G3RRC0375	cr_StreamIdPresent	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]
WA#2G3RRC0381	tcv_CC_MT_CallSetupState	New
WA#2G3RRC0381	t_CC_MT_Call_Timer	New
WA#2G3RRC0381	ts_CC_EnterU10_MT_Speech	IR_U_wk31.mp [2]
WA#2G3RRC0381	ts_CC_RcvCallConf	IR_U_wk31.mp [2]
WA#2G3RRC0381	RRC_Def1	IR_U_wk31.mp [2]
WA#2G3RRC0381	SS_Def	IR_U_wk31.mp [2]

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3	CR 1171 # rev - # Current version: 3.7.0 #

For [HELP](#) on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction of GCF package 2 IR_U test case 8.3.7.2.	
Source:	# Rohde & Schwarz	
Work item code:	# N/A	Date: # 03/09/04
Category:	# F	Release: # R99
	<i>Use <u>one</u> of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# To correct approved GCF package 2 IR_U test case 8.3.7.2.
Summary of change:	# This document lists the additional changes to be applied to test case 8.3.7.2.
Consequences if not approved:	# The test case will not work properly

Clauses affected:	# N/A									
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X	#
Y	N									
#	X									
#	X									
#	X									
Other comments:	#									

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

01 Jan - 31 Dec 2004

Title: Corrections to test case 8.3.7.2

Source: Rohde & Schwarz

Agenda Item: TTCN Issues

Document for: Approval

Contact: Holger Jauch
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1 Overview

This document is a CR on approved test case 8.3.7.2. It lists all the changes needed to correct detected problems in the TTCN implementation of test case 8.3.7.2 which is part of the IR_U test suite.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs.

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3 Verification Test Summary

Test Case: tc_8_3_7_2
Test Group: ISHO_UTRAN_ToGSM/
ATS Version: IR_U_wk31.mp

4 Corrections required for test case 8.3.7.2

4.1 Introduction

This CR presents corrections on ISHO_UTRAN_ToGSM test case tc_8_3_7_2, which has been approved and is in the validation process.

The ATS enclosed in T1s040543.zip [1] contains the modifications of test case tc_8_3_7_2 described in this document. The corrections to the errors listed in T1s040558.doc [5] have been performed, as far as applicable.

For the ATS modifications as identified by the 'Change labels' as defined in the subsequent subclauses, the following principles apply:

- a) All changes are described with respect to **IR_U_wk31.mp** (plus implementation of 'high priority' CRs and other errors listed in T1s040558.doc [5]).
- b) For the changes that are already described in previous CRs T1s040536 [3] or T1s040540 [4], the list of associated change labels and affected TTCN objects is given in subclause 4.5.
- c) All other changes and new TTCN objects are explicitly described in this CR.

Annex A contains a table listing all change label/affected object combinations applicable to tc_8_3_7_2 (including the ones described in previous CRs T1s040536 [3] or T1s040540 [4]).

4.2 Presentation of the modifications

The modifications are presented by the use of '**Change Tables**' as described below, and by **screenshots** taken from the relevant parts of changed TTCN objects in TTCN.GR format.

In addition, if the **reason for a change** cannot be expressed in a few table lines, particular subclauses of clause 4 may be generated for detailed argumentation.

The '**Change Tables**' have the format described in the example below (all entries in the second column are for demonstration purposes only):

Table 1: Example Change Table

TTCN object	<i>tc_8_3_7_2</i>
Reference ATS	<i>IR_U_wk31.mp [2]</i>
Change Label	<i>WA#2G3RRC0110</i>
Reason for change	<i><Textual description of change reason>.</i>
Summary of change	<i><Textual description of performed changes></i>
Other affected objects	<i><GOTO fields to other change descriptions> (optional)</i>
ETSI comment	
R&S conclusion	

- TTCN object:** Identifier(s) of one or more TTCN objects having a global context in the TTCN ATS. Typically only one TTCN object occurs. More than one object is listed only, when:
- a) All objects belong to the same TTCN Object Class; and
 - b) All objects are either created, or are modified in the same systematic way; and
 - c) No other change is proposed for the listed objects.
- Reference ATS:** ETSI ATS containing the referred TTCN object(s), relative to which the current change description applies.
- Change Label:** Textual identifier starting with the fixed string 'WA#2G3RRC', followed by a 4-digit number (e.g. WA#2G3RRC0110). A Change Label is assigned when a particular problem is recognized during the verification work. More than one TTCN Object may be affected by the proposed solution to this problem.
- Reason for change:** Textual description of the reason why the change is proposed.
- Summary of change:** Short description of what is proposed for change.
- Other affected objects:** List of one or more GOTO fields, pointing to other TTCN objects having assigned the same Change Label, i.e. all other objects being affected by the problem giving rise to the current Change Label.
- ETSI comment:** This field may be used by ETSI colleagues giving a dedicated reply to the current CR document. Otherwise it is filled by the R&S 2G3 group when another kind of response is received from ETSI.
- R&S conclusion:** Filled by the R&S 2G3 group when the ETSI answer does not indicate acceptance of the change request.

4.3 Modifications inside the tc_8_3_7_2 behaviour table

TTCN object	tc_8_3_7_2
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0344
Reason for change	The L2 connection on the combined SDCCH is not released after IMSI detach. This causes problems when L2 is established later.
Summary of change	Add an attachment of test step ts_G_ChannelRelease after the IMSI detach.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_8_3_7_2
Test Group Reference:	ISHO_UTRAN_ToGSM/
Purpose:	To test that the UE handovers to the indicated channel of same data rate in the GSM target cell when it is in the data call active state in the UTRAN serving cell and receives an IN-TER-SYSTEM HANDOVER COMMAND.
Configuration:	
Defaults:	IntersystemDef
Comments:	@sicT1-04675sic@

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START_t_Guard			

It_Postamble					
37		+It_OperationModeA			@sic T1-040779 sic@ perform normal RAU immediately if GERAN OpModeA
38		+ts_G_Disconnect(tsc_GSM_CellA, tsc_G_TrchId1)			@sic T1-040779 sic @
39		+ts_G_ChannelRelease (tsc_GSM_CellA, tsc_G_TrchId1)			@sic T1-040940 sic@
40		+It_RAU_LU			@sic T1-040779 sic@ combined RAU or Loc Upd
41		+ts_G_DetachOnSwitchOff(tsc_GSM_CellA)			@sic T1-040799 sic @
42		+ts_G_ChannelRelease (tsc_GSM_CellA, tsc_PhyCh0)			WA#2G3RRC0344
43		+ts_GSM_SetCellPowerLevel2Ch(tsc_GSM_CellA, tsc_PhyCh0 , tsc_PhyCh1, tsc_ChPwrLvl_Off)			@sic T1-040940 sic @
44		+ts_SSconfigToInitialState(tsc_CellA)			
45		+ts_GSM_ChannelRelease (tsc_GSM_CellA, tsc_G_TrchId1)			To Release the Traffic channel

4.4 Other modifications relevant for tc_8_3_7_2

4.4.1 ts_CC_EnterU10_MT_Streaming14_4k

TTCN object	ts_CC_EnterU10_MT_Streaming14_4k
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0381
Reason for change	<p>When performing a MT call, e.g. in test case 8.3.7.2, CC messages can be received from the UE during the RAB Setup phase. Previously these messages, e.g. Alerting, were not explicitly received in the dynamic behaviour, particularly not in a default.</p> <p>After the Dc?OTHERWISE statement was added to RRC_Def1, this message was received in the default, but leading to a non-PASS verdict.</p> <p>A mechanism is required to catch and note these CC messages and proceed accordingly in the relevant test cases/steps after RAB Setup completion.</p>
Summary of change	<p>The procedure proposed here makes use of a new state variable for MT call (tcv_CC_MT_CallSetupState) and a new independent timer (t_CC_MT_Call_Timer) applied in the MT setup phase.</p> <p>When a MT call and RAB Setup are initiated (e.g. In test step ts_CC_EnterU10_MT_Streaming14_4k), the state variable is set accordingly.</p> <p>When a CC message is received from the UE before RAB Setup completion, it is caught in one of the applicable defaults (RRC_Def1 or SS_Def), and the state variable is set accordingly.</p> <p>When after RAB Setup completion the CC state is treated explicitly (e.g. in It_ReceiveConnectOrAlerting in ts_CC_EnterU10_MT_Streaming14_4k) the state variable is checked for CC messages received before and CC can proceed accordingly).</p> <p>Note 1: this change proposal is for the IR_U ATS. For other ATSS other TTCN objects may require changes.</p> <p>Note 2: CC messages other than Alerting&Connect are currently not treated.</p> <p>Note 3: this basic change request could e.g. be modified to define a new CC-specific default, which is put into the default list of the relevant test steps.</p>
Other affected objects	tcv_CC_MT_CallSetupState (see T1s040536 [3]), t_CC_MT_Call_Timer (see T1s040536 [3]), ts_CC_RcvCallConf (see T1s040536 [3]), RRC_Def1 (see T1s040536 [3]), SS_Def (see T1s040536 [3])
ETSI comment	
R&S conclusion	

Test Step				
Test Step Id:	ts_CC_EnterU10_MT_Streaming14_4k (p_CellId : INTEGER)			
Test Step Group Ref:	RRCM_CC_StepsForMultiRAT/			
Objective:	To bring UE to CC state U10 with an MT call based on a Steaming 14.4kHz RAB.			
Defaults:	NAS_OtherwiseFail			
Comments:	@SIC_NAPP See TS34.108 cl. 7.2.3.1			
Nr	Behaviour Description	Constraint Ref	...	Comments
1	+ ts_CC_InitTCV_MT_ForMultiRAT (streamUnknown_14_4k)			
2	(tcv_SetupMT.signal = cs_SignalDialTone)			
3	+ ts_RRC_PagType1_TMSI_PTMSI_Cau (p_CellId, px_TMSI_Def, tcv_PagingCau)			
4	+ ts_RRC_ConnEst (p_CellId, est_MT, tcv_EstCause)			Step 1 - 5
5	Dc?RRC_DataInd (tcv_Start = RRC_DataInd.start)	car_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, c_PagRsp (?, c_MobileIdTMSI_IV))		Step 6
6	+ ts_SS_SecurityDownloadStart (cs_domain, tcv_Start)			
7	+ ts_MM_Authentication (p_CellId)			Steps 7-8
8	+ ts_RRC_Security(p_CellId, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM, TRUE, cs_domain)			Steps 9-10
9	Dc ! RRC_DataReq (tcv_CC_MT_CallSetupState := 1)	ca_DataReq (tsc_CellDedicated, tsc_RB3, tcv_SetupMT)		Step 11 WA#2G3RRC0381
10	+ ts_CC_RcvCallConf (p_CellId)			Step 12
11	+ It_RRC_SetUpRAB			Step 13-14
12	+ It_ReceiveConnectOrAlerting			Step 15-16
13	Dc ! RRC_DataReq	ca_DataReq (tsc_CellDedicated, tsc_RB3, cs_ConnAck (tcv_TI_S))		Step 17
14	+ ts_CC_CheckState (p_CellId, tsc_StateU10)			
It_RRC_SetUpRAB				
15	+ ts_CalculateActTime (p_CellId)			
16	+ ts_RB_SendRB_SetUpStreamUnknown14_4k (p_CellId, tcv_RAB_Id, tcv_ActTime)			
17	+ ts_SetCellCfg (p_CellId, cell_DCH_57_6kCS_RAB_SRB)			

It_ReceiveConnectOrAlerting			
18	[tcv_CC_MT_CallSetupState = 4] (tcv_CC_MT_CallSetupState := 0)		connect message already received WA#2G3RRC0381
19	[tcv_CC_MT_CallSetupState = 3] (tcv_CC_MT_CallSetupState := 0)		alerting message already received
20	+ ts_AT_AnswerCall		
21	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))	
22	[tcv_CC_MT_CallSetupState = 2] (tcv_CC_MT_CallSetupState := 0) START t_CC_MT_Call_Timer(20)		call confirmed, no alerting or connect message already received
23	Dc ? RRC_DataInd START t_CC_MT_Call_Timer(60)	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Alert (tcv_TI_R))	
24	+ ts_AT_AnswerCall		
25	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))	
26	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))	Receive connect without previous alerting
27	[TRUE] (tcv_CC_MT_CallSetupState := 0) CANCEL t_CC_MT_Call_Timer		(F) Unexpected MT call state
Detailed Comment:			

4.5 Changes referred to from previous CRs

Table 2 below lists all Change Label/Affected TTCN Object combinations of changes in the RRC ATS required for tc_8_3_7_2, which also apply to one or more other test cases previously requested for approval and being defined unchanged in a previous CR issued by Rohde&Schwarz. For each change the document ID of the previous CR and the reference ATS are also shown.

Table 2: Change labels and affected TTCN objects of the RRC ATS treated in previous CRs

Change Labels	Affected TTCN Objects	Ref. ATS	CR DocId
WA#2G3RRC0222	ts_SS_CreatePhyChOfTrafficChType	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0236	c_SIB11_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0236	c_SIB12_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0305	c_MSRadioAccessCap_lv_Any	New	T1s040536 [3]
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	ts_G_RR_Con_Est	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0354	c_G_RR_Cause	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0364	cr_Alert	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0365	cr_DRXparameter_v_Any	New	T1s040536 [3]
WA#2G3RRC0365	cr_MS_NetworkCap_lv_Any	New	T1s040536 [3]
WA#2G3RRC0366	c_AC_RefNum_Any	New	T1s040536 [3]
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0367	cr_Connect	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0367	cr_ConnectedSubAdrs_Any	New	T1s040540 [4]
WA#2G3RRC0370	c_MobileTimeDiff_Any	New	T1s040540 [4]
WA#2G3RRC0370	cr_G_HandOverCmp_Normal	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0373	cr_Rel	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0375	cr_StreamIdPresent	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0381	tcv_CC_MT_CallSetupState	New	T1s040536 [3]
WA#2G3RRC0381	t_CC_MT_Call_Timer	New	T1s040536 [3]
WA#2G3RRC0381	ts_CC_RcvCallConf	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0381	RRC_Def1	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0381	SS_Def	IR_U_wk31.mp [2]	T1s040536 [3]

5 Supplementary information

5.1 ATS

The TTCN ATS containing modified test case tc_8_3_7_2 is IR_U_8_3_7_2.mp.

6 References

[1]	T1s040543.zip Archive comprising the TTCN MP file for the current CR (supplementary information).
[2]	IR_U_wk31.mp ETSI InterRat UTRAN ATS, version week 31 (2004).
[3]	T1s040536.doc Previous CR (on tc_6_2_1_1) containing change proposals also referred to in the current CR.
[4]	T1s040540.doc Previous CR (on tc_8_3_7_1) containing change proposals also referred to in the current CR.
[5]	T1s040558.doc Two Excel sheets ErrorList_wk26.xls, and ErrorList_wk31.xls are included. The two lists can also be found in the TTCN deliveries iWD-TVB2003-03_D04wk31, wk23 and wk34.

Annex A: List of change labels and affected TTCN objects

The following Table 3 lists all change labels being described in this document, together with the related affected TTCN objects, and the Reference ATS to which the change description applies. When no Reference ATS is present, the object is a new definition.

Table 3: List of change labels and related affected TTCN Objects and reference ATS

Change Labels	Affected TTCN Objects	Ref. ATS
WA#2G3RRC0222	ts_SS_CreatePhyChOfTrafficChType	IR_U_wk31.mp [2]
WA#2G3RRC0236	c_SIB11_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]
WA#2G3RRC0236	c_SIB12_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]
WA#2G3RRC0305	c_MSRadioAccessCap_lv_Any	New
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_RR_Con_Est	IR_U_wk31.mp [2]
WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]
WA#2G3RRC0344	tc_8_3_7_2	IR_U_wk31.mp [2]
WA#2G3RRC0354	c_G_RR_Cause	IR_U_wk31.mp [2]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]
WA#2G3RRC0364	cr_Alert	IR_U_wk31.mp [2]
WA#2G3RRC0365	cr_MS_NetworkCap_lv_Any	New
WA#2G3RRC0365	cr_DRXparameter_v_Any	New
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]
WA#2G3RRC0366	c_AC_RefNum_Any	New
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]
WA#2G3RRC0367	cr_ConnectedSubAdrs_Any	New
WA#2G3RRC0367	cr_Connect	IR_U_wk31.mp [2]
WA#2G3RRC0370	c_MobileTimeDiff_Any	New
WA#2G3RRC0370	cr_G_HandOverCmp_Normal	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0373	cr_Rel	IR_U_wk31.mp [2]
WA#2G3RRC0375	cr_StreamIdPresent	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]
WA#2G3RRC0381	tcv_CC_MT_CallSetupState	New
WA#2G3RRC0381	t_CC_MT_Call_Timer	New
WA#2G3RRC0381	ts_CC_EnterU10_MT_Streaming14_4k	IR_U_wk31.mp [2]
WA#2G3RRC0381	ts_CC_RcvCallConf	IR_U_wk31.mp [2]
WA#2G3RRC0381	RRC_Def1	IR_U_wk31.mp [2]
WA#2G3RRC0381	SS_Def	IR_U_wk31.mp [2]

CR-Form-v7

CHANGE REQUEST

34.123-3 CR **1172** # rev **-** # Current version: **3.7.0**

For [HELP](#) on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction of GCF package 2 IR_U test case 8.3.7.3.		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 03/09/04
Category:	# F	Release:	# R99
	<i>Use <u>one</u> of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)	

Reason for change:	# To correct approved GCF package 2 IR_U test case 8.3.7.3.
Summary of change:	# This document lists the additional changes to be applied to test case 8.3.7.3.
Consequences if not approved:	# The test case will not work properly

Clauses affected:	# N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> </table>	Y	N	#	X	#	X	#	X	Other core specifications # Test specifications # O&M Specifications #	
Y	N										
#	X										
#	X										
#	X										
Other comments:	#										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

01 Jan - 31 Dec 2004

Title: Corrections to test case 8.3.7.3

Source: Rohde & Schwarz

Agenda Item: TTCN Issues

Document for: Approval

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1 Overview

This document is a CR on approved test case 8.3.7.3. It lists all the changes needed to correct detected problems in the TTCN implementation of test case 8.3.7.3 which is part of the IR_U test suite.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs.

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3 Verification Test Summary

Test Case: tc_8_3_7_3
Test Group: ISHO_UTRAN_ToGSM/
ATS Version: IR_U_wk31.mp

4 Corrections required for test case 8.3.7.3

4.1 Introduction

This CR presents corrections on ISHO_UTRAN_ToGSM test case tc_8_3_7_3, which has been approved and is in the validation process.

The ATS enclosed in T1s040545.zip [1] contains the modifications of test case tc_8_3_7_3 described in this document. The corrections to the errors listed in T1s040558.doc [5] have been performed, as far as applicable.

For the ATS modifications as identified by the 'Change labels' as defined in the subsequent subclauses, the following principles apply:

- a) All changes are described with respect to **IR_U_wk31.mp** (plus implementation of 'high priority' CRs and other errors listed in T1s040558.doc [5]).
- b) For the changes that are already described in previous CRs T1s040336 [3] or T1s040540 [4], the list of associated change labels and affected TTCN objects is given in subclause 4.5.
- c) All other changes and new TTCN objects are explicitly described in this CR.

Annex A contains a table listing all change label/affected object combinations applicable to tc_8_3_7_3 (including the ones described in previous CRs T1s040336 [3] or T1s040540 [4]).

4.2 Presentation of the modifications

The modifications are presented by the use of '**Change Tables**' as described below, and by **screenshots** taken from the relevant parts of changed TTCN objects in TTCN.GR format.

In addition, if the **reason for a change** cannot be expressed in a few table lines, particular subclauses of clause 4 may be generated for detailed argumentation.

The '**Change Tables**' have the format described in the example below (all entries in the second column are for demonstration purposes only):

Table 1: Example Change Table

TTCN object	<i>tc_8_3_7_3</i>
Reference ATS	<i>IR_U_wk31.mp [2]</i>
Change Label	<i>WA#2G3RRC0110</i>
Reason for change	<i><Textual description of change reason>.</i>
Summary of change	<i><Textual description of performed changes></i>
Other affected objects	<i><GOTO fields to other change descriptions> (optional)</i>
ETSI comment	
R&S conclusion	

- TTCN object:** Identifier(s) of one or more TTCN objects having a global context in the TTCN ATS. Typically only one TTCN object occurs. More than one object is listed only, when:
- a) All objects belong to the same TTCN Object Class; and
 - b) All objects are either created, or are modified in the same systematic way; and
 - c) No other change is proposed for the listed objects.
- Reference ATS:** ETSI ATS containing the referred TTCN object(s), relative to which the current change description applies.
- Change Label:** Textual identifier starting with the fixed string 'WA#2G3RRC', followed by a 4-digit number (e.g. WA#2G3RRC0110). A Change Label is assigned when a particular problem is recognized during the verification work. More than one TTCN Object may be affected by the proposed solution to this problem.
- Reason for change:** Textual description of the reason why the change is proposed.
- Summary of change:** Short description of what is proposed for change.
- Other affected objects:** List of one or more GOTO fields, pointing to other TTCN objects having assigned the same Change Label, i.e. all other objects being affected by the problem giving rise to the current Change Label.
- ETSI comment:** This field may be used by ETSI colleagues giving a dedicated reply to the current CR document. Otherwise it is filled by the R&S 2G3 group when another kind of response is received from ETSI.
- R&S conclusion:** Filled by the R&S 2G3 group when the ETSI answer does not indicate acceptance of the change request.

4.3 Modifications inside the tc_8_3_7_3 behaviour table

TTCN object	tc_8_3_7_3
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0344
Reason for change	The L2 connection on the combined SDCCH is not released after IMSI detach. This causes problems when L2 is established later.
Summary of change	Add an attachment of test step ts_G_ChannelRelease after the IMSI detach.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_8_3_7_3
Test Group Reference:	ISHO_UTRAN_ToGSM/
Purpose:	To test that the UE handovers to the indicated channel of lower data rate in the GSM target cell when it is in the data call active state in the UTRAN serving cell and receives an INTER-SYSTEM HANDOVER COMMAND.
Configuration:	
Defaults:	IntersystemDef
Comments:	@sicT1-04675, ER1850 sic@

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START t_Guard			

It_Postamble					
47		+It_OperationModeA			@sic T1-040779 sic@ perform normal RAU immediately if GERAN OpModeA
48		+ts_G_Disconnect(tsc_GSM_CellA, tsc_G_Trchld1)			@sic T1-040779 sic @
49		+ts_G_ChannelRelease (tsc_GSM_CellA, tsc_G_Trchld1)			@sic T1-040940 sic@
50		+It_RAU_LU			@sic T1-040779 sic@ combined RAU or Loc Upd
51		+ts_G_DetachOnSwitchOff(tsc_GSM_CellA)			@sic T1-040799 sic @
52		+ts_G_ChannelRelease (tsc_GSM_CellA, tsc_PhyCh0)			WA#2G3RRC0344
53		+ts_GSM_SetCellPowerLevel2Ch(tsc_GSM_CellA, tsc_PhyCh0 , tsc_PhyCh1, tsc_ChPwrLvl_Off)			@sic T1-040940 sic @
54		+ts_SSconfigToInitialState(tsc_CellA)			
55		+ts_GSM_ChannelRelease (tsc_GSM_CellA, tsc_G_Trchld1)			To Release the Traffic channel

4.4 Other modifications relevant for tc_8_3_7_3

4.4.1 cbr_RA_UpdReq

TTCN object	cbr_RA_UpdReq
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0305
Reason for change	The value of element 'msRadioAccessCap' is '*', but the element is mandatory.
Summary of change	Replace value '*' by 'c_MSRadioAccessCap_lv_Any'.
Other affected objects	c_MSRadioAccessCap_lv_Any (see T1s040336 [3]), cbr_RA_UpdReqAny (see T1s040336 [3])
ETSI comment	
Change Label	WA#2G3RRC0306
Reason for change	'tmsiStatus' is an optional element in ROUTINGAREAUPDATEREQUEST.
Summary of change	Add IF_PRESENT to the value p_TMSIStatus of field tmsiStatus in cbr_RA_UpdReq
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0351
Reason for change	The value for Structured Type IEs 'msnetworkcap' and 'pDP_ContextStatus' is '*'.
Summary of change	Replace * by 'cr_MS_NetworkCap_tlv_Any IF_PRESENT' and 'cr_PDP_ContextStatusAny IF_PRESENT' respectively.
Other affected objects	
ETSI comment	
R&S conclusion	

PDU Constraint Declaration

Constraint Name:	cbr_RA_UpdReq (p_updateType : UpdateType_v; p_RAI : RAI_v; p_PTMSISig : PTMSI_Signature; p_TMSIStatus : TMSI_Status; p_KeySeq : KeySeq)
Group:	
PDU Name:	ROUTINGAREAUPDATEREQUEST
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	@SIC_NAPP

Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		
gMMProtocolDiscriminator	tsc_GMM_PD		
msgType	'00001000'B		
gprsCiphKeySeqNo	c_CiphKeySeqNum(p_KeySeq)		
updateType	p_updateType		
oldRAI	p_RAI		
msRadioAccessCap	c_MSRadioAccessCap_lv_Any		WA#2G3RRC0305
oldPTMSI_Signature	p_PTMSISig		
readyTimer	cr_GPRS_TimerAny IF_PRESENT		
drxParameter	cr_DRXparameter_tlv_Any IF_PRESENT		
tmsiStatus	p_TMSIStatus IF_PRESENT		WA#2G3RRC0306
ptmsi	c_MobileIdPTMSI_Any IF_PRESENT		@sic T1-031835 sic@
msnetworkcap	cr_MS_NetworkCap_tlv_Any IF_PRESENT		WA#2G3RRC0351
pDP_ContextStatus	cr_PDP_ContextStatusAny IF_PRESENT		WA#2G3RRC0351

4.4.2 ts_CC_EnterU10_MT_Streaming28_8k

TTCN object	ts_CC_EnterU10_MT_Streaming28_8k
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0381
Reason for change	<p>When performing a MT call, e.g. in test case 8.3.7.3, CC messages can be received from the UE during the RAB Setup phase. Previously these messages, e.g. Alerting, were not explicitly received in the dynamic behaviour, particularly not in a default.</p> <p>After the Dc?OTHERWISE statement was added to RRC_Def1, this message was received in the default, but leading to a non-PASS verdict.</p> <p>A mechanism is required to catch and note these CC messages and proceed accordingly in the relevant test cases/steps after RAB Setup completion.</p>
Summary of change	<p>The procedure proposed here makes use of a new state variable for MT call (tcv_CC_MT_CallSetupState) and a new independent timer (t_CC_MT_Call_Timer) applied in the MT setup phase.</p> <p>When a MT call and RAB Setup are initiated (e.g. In test step ts_CC_EnterU10_MT_Streaming28_8k), the state variable is set accordingly.</p> <p>When a CC message is received from the UE before RAB Setup completion, it is caught in one of the applicable defaults (RRC_Def1 or SS_Def), and the state variable is set accordingly.</p> <p>When after RAB Setup completion the CC state is treated explicitly (e.g. in It_ReceiveConnectOrAlerting in ts_CC_EnterU10_MT_Streaming28_8k) the state variable is checked for CC messages received before and CC can proceed accordingly).</p> <p>Note 1: this change proposal is for the IR_U ATS. For other ATSS other TTCN objects may require changes.</p> <p>Note 2: CC messages other than Alerting&Connect are currently not treated.</p> <p>Note 3: this basic change request could e.g. be modified to define a new CC-specific default, which is put into the default list of the relevant test steps.</p>
Other affected objects	ts_CC_EnterU10_MT_Streaming57_6k , tcv_CC_MT_CallSetupState (see T1s040336 [3]), t_CC_MT_Call_Timer (see T1s040336 [3]), ts_CC_RcvCallConf (see T1s040336 [3]), RRC_Def1 (see T1s040336 [3]), SS_Def (see T1s040336 [3])
ETSI comment	
R&S conclusion	

Test Step				
Test Step Id:	ts_CC_EnterU10_MT_Streaming28_8k (p_CellId : INTEGER)			
Test Step Group Ref:	RRCM_CC_StepsForMultiRAT/			
Objective:	To bring UE to CC state U10 with an MT speech call.			
Defaults:	NAS_OtherwiseFail			
Comments:	@SIC_NAPP See TS34.108 cl. 7.2.3.1			
Nr	Behaviour Description	Constraint Ref	...	Comments
1	+ ts_CC_InitTCV_MT_ForMultiRAT (streamUnknown_28_8k)			
2	(tcv_SetupMT.signal = cs_SignalDialTone)			
3	+ ts_RRC_PagType1_TMSI_PTMSI_Cau (p_CellId, px_TMSI_Def, tcv_PagingCau)			
4	+ ts_RRC_ConnEst (p_CellId, est_MT, tcv_EstCause)			Step 1 - 5
5	Dc?RRC_DataInd (tcv_Start = RRC_DataInd.start)	car_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, c_PagRsp (?, c_MobileIdTMSI_lv))		Step 6
6	+ ts_SS_SecurityDownloadStart (cs_domain, tcv_Start)			
7	+ ts_MM_Authentication (p_CellId)			Steps 7-8
8	+ ts_RRC_Security(p_CellId, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM, TRUE, cs_domain)			Steps 9-10
9	Dc ! RRC_DataReq (tcv_CC_MT_CallSetupState = 1)	ca_DataReq (tsc_CellDedicated, tsc_RB3, tcv_SetupMT)		Step 11 WA#2G3RRC0381
10	+ ts_CC_RcvCallConf (p_CellId)			Step 12
11	+ It_RRC_SetUpRAB			Step 13-14
12	+ It_ReceiveConnectOrAlerting			Step 15-16
13	Dc ! RRC_DataReq	ca_DataReq (tsc_CellDedicated, tsc_RB3, cs_ConnAck (tcv_TI_S))		Step 17
14	+ ts_CC_CheckState (p_CellId, tsc_StateU10)			
It_RRC_SetUpRAB				
15	+ ts_CalculateActTime (p_CellId)			
16	+ ts_RB_SendRB_SetUpStreamUnknown28_8k (p_CellId, tcv_RAB_Id, tcv_ActTime)			
17	+ ts_SetCellCfg (p_CellId, cell_DCH_57_6kCS_RAB_SRB)			

It_ReceiveConnectOrAlerting			
18	[tcv_CC_MT_CallSetupState = 4] (tcv_CC_MT_CallSetupState := 0)		connect message already received WA#2G3RRC0381
19	[tcv_CC_MT_CallSetupState = 3] (tcv_CC_MT_CallSetupState := 0)		alerting message already received
20	+ ts_AT_AnswerCall		
21	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))	
22	[tcv_CC_MT_CallSetupState = 2] (tcv_CC_MT_CallSetupState := 0) START t_CC_MT_Call_Timer(20)		call confirmed, no alerting or connect message already received
23	Dc ? RRC_DataInd START t_CC_MT_Call_Timer(60)	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Alert (tcv_TI_R))	
24	+ ts_AT_AnswerCall		
25	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))	
26	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))	Receive connect without previous alerting
27	[TRUE] (tcv_CC_MT_CallSetupState := 0) CANCEL t_CC_MT_Call_Timer		(F) Unexpected MT call state
Detailed Comment:			

4.4.3 ts_CC_EnterU10_MT_Streaming57_6k

TTCN object	ts_CC_EnterU10_MT_Streaming57_6k
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0381
Reason for change	<p>When performing a MT call, e.g. in test case 8.3.7.3, CC messages can be received from the UE during the RAB Setup phase. Previously these messages, e.g. Alerting, were not explicitly received in the dynamic behaviour, particularly not in a default.</p> <p>After the Dc?OTHERWISE statement was added to RRC_Def1, this message was received in the default, but leading to a non-PASS verdict.</p> <p>A mechanism is required to catch and note these CC messages and proceed accordingly in the relevant test cases/steps after RAB Setup completion.</p>
Summary of change	<p>The procedure proposed here makes use of a new state variable for MT call (tcv_CC_MT_CallSetupState) and a new independent timer (t_CC_MT_Call_Timer) applied in the MT setup phase.</p> <p>When a MT call and RAB Setup are initiated (e.g. In test step ts_CC_EnterU10_MT_Streaming57_6k), the state variable is set accordingly.</p> <p>When a CC message is received from the UE before RAB Setup completion, it is caught in one of the applicable defaults (RRC_Def1 or SS_Def), and the state variable is set accordingly.</p> <p>When after RAB Setup completion the CC state is treated explicitly (e.g. in It_ReceiveConnectOrAlerting in ts_CC_EnterU10_MT_Streaming57_6k) the state variable is checked for CC messages received before and CC can proceed accordingly).</p> <p>Note 1: this change proposal is for the IR_U ATS. For other ATSs other TTCN objects may require changes.</p> <p>Note 2: CC messages other than Alerting&Connect are currently not treated.</p> <p>Note 3: this basic change request could e.g. be modified to define a new CC-specific default, which is put into the default list of the relevant test steps.</p>
Other affected objects	ts_CC_EnterU10_MT_Streaming28_8k , tcv_CC_MT_CallSetupState (see T1s040336 [3]), t_CC_MT_Call_Timer (see T1s040336 [3]), ts_CC_RcvCallConf (see T1s040336 [3]), RRC_Def1 (see T1s040336 [3]), SS_Def (see T1s040336 [3])
ETSI comment	
R&S conclusion	

Test Step				
Test Step Id:	ts_CC_EnterU10_MT_Streaming57_6k (p_CellId : INTEGER)			
Test Step Group Ref:	RRCM_CC_StepsForMultiRAT/			
Objective:	To bring UE to CC state U10 with an MT speech call.			
Defaults:	NAS_OtherwiseFail			
Comments:	@SIC_NAPP			
Nr	Behaviour Description	Constraint Ref		Comments
1	+ts_CC_InitTCV_MT_ForMultiRAT (streamUnknown_57_6k)			
2	(tcv_SetupMT.signal := cs_SignalDialTone)			
3	+ts_RRC_PagType1_TMSI_PTMSI_Cau (p_CellId, px_TMSI_Def, tcv_PagingCau)			
4	+ts_RRC_ConnEst (p_CellId , est_MT, tcv_EstCause)			Step 1 - 5
5	Dc?RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, c_PagRsp (?, c_MobileIdTMSI_Iv))		Step 6
6	+ts_SS_SecurityDownloadStart (cs_domain, tcv_Start)			Steps 7-8
7	+ts_MM_Authentication (p_CellId)			Steps 9-10
8	+ts_RRC_Security(p_CellId, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM, TRUE, cs_domain)			
9	Dc ! RRC_DataReq (tcv_CC_MT_CallSetupState := 1)	ca_DataReq (tsc_CellDedicated, tsc_RB3, tcv_SetupMT)		Step 11 WA#2G3RRC0381
10	+ts_CC_RcvCallConf (p_CellId)			Step 12
11	+ts_RRC_SetUpRAB (p_CellId , tcv_RAB_Id , cell_DCH_57_6kCS_RAB_SRB)			Step 13-14
12	+It_ReceiveConnectOrAlerting			Step 15-16
13	Dc ! RRC_DataReq	ca_DataReq (tsc_CellDedicated, tsc_RB3, cs_ConnAck (tcv_TI_S))		Step 17
14	+ts_CC_CheckState (p_CellId, tsc_StateU10)			

It_ReceiveConnectOrAlerting			
15	[tcv_CC_MT_CallSetupState = 4] (tcv_CC_MT_CallSetupState := 0)		connect message already received WA#2G3RRC0381
16	[tcv_CC_MT_CallSetupState = 3] (tcv_CC_MT_CallSetupState := 0)		alerting message already received
17	+ ts_AT_AnswerCall		
18	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))	
19	[tcv_CC_MT_CallSetupState = 2] (tcv_CC_MT_CallSetupState := 0) START t_CC_MT_Call_Timer(20)		call confirmed, no alerting or connect message already received
20	Dc ? RRC_DataInd START t_CC_MT_Call_Timer(60)	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Alert (tcv_TI_R))	
21	+ ts_AT_AnswerCall		
22	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))	
23	Dc ? RRC_DataInd CANCEL t_CC_MT_Call_Timer	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_Connect (tcv_TI_R))	Receive connect without previous alerting
24	[TRUE] (tcv_CC_MT_CallSetupState := 0) CANCEL t_CC_MT_Call_Timer		(F) Unexpected MT call state
Detailed Comment:			

4.5 Changes referred to from previous CRs

Table 2 below lists all Change Label/Affected TTCN Object combinations of changes in the RRC ATS required for tc_8_3_7_3, which also apply to one or more other test cases previously requested for approval and being defined unchanged in a previous CR issued by Rohde&Schwarz. For each change the document ID of the previous CR and the reference ATS are also shown.

Table 2: Change labels and affected TTCN objects of the RRC ATS treated in previous CRs

Change Labels	Affected TTCN Objects	Ref. ATS	CR DocId
WA#2G3RRC0222	ts_SS_CreatePhyChOfTrafficChType	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0236	c_SIB11_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0236	c_SIB12_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0305	c_MSRadioAccessCap_lv_Any	New	T1s040336 [3]
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0340	ts_G_RR_Con_Est	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0354	c_G_RR_Cause	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0364	cr_Alert	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0365	cr_DRXparameter_v_Any	New	T1s040336 [3]
WA#2G3RRC0365	cr_MS_NetworkCap_lv_Any	New	T1s040336 [3]
WA#2G3RRC0366	c_AC_RefNum_Any	New	T1s040336 [3]
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0367	cr_Connect	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0367	cr_ConnectedSubAdrs_Any	New	T1s040540 [4]
WA#2G3RRC0370	c_MobileTimeDiff_Any	New	T1s040540 [4]
WA#2G3RRC0370	cr_G_HandOverCmp_Normal	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0373	cr_Rel	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0375	cr_StreamIdPresent	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0381	tcv_CC_MT_CallSetupState	New	T1s040336 [3]
WA#2G3RRC0381	t_CC_MT_Call_Timer	New	T1s040336 [3]
WA#2G3RRC0381	ts_CC_RcvCallConf	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0381	RRC_Def1	IR_U_wk31.mp [2]	T1s040336 [3]
WA#2G3RRC0381	SS_Def	IR_U_wk31.mp [2]	T1s040336 [3]

5 Supplementary information

5.1 ATS

The TTCN ATS containing modified test case tc_8_3_7_3 is IR_U_8_3_7_3.mp.

6 References

[1]	T1s040545.zip Archive comprising the TTCN MP file for the current CR (supplementary information).
[2]	IR_U_wk31.mp ETSI InterRat UTRAN ATS, version week 31 (2004).
[3]	T1s040336.doc Previous CR (on tc_6_2_1_1) containing change proposals also referred to in the current CR.
[4]	T1s040540.doc Previous CR (on tc_8_3_7_1) containing change proposals also referred to in the current CR.
[5]	T1s040558.doc Two Excel sheets ErrorList_wk26.xls, and ErrorList_wk31.xls are included. The two lists can also be found in the TTCN deliveries iWD-TVB2003-03_D04wk31, wk23 and wk34.

Annex A: List of change labels and affected TTCN objects

The following Table 3 lists all change labels being described in this document, together with the related affected TTCN objects, and the Reference ATS to which the change description applies. When no Reference ATS is present, the object is a new definition.

Table 3: List of change labels and related affected TTCN Objects and reference ATS

Change Labels	Affected TTCN Objects	Ref. ATS
WA#2G3RRC0222	ts_SS_CreatePhyChOfTrafficChType	IR_U_wk31.mp [2]
WA#2G3RRC0236	c_SIB11_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]
WA#2G3RRC0236	c_SIB12_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]
WA#2G3RRC0305	c_MSRadioAccessCap_Iv_Any	New
WA#2G3RRC0305	cbr_RA_UpdReq	IR_U_wk31.mp [2]
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]
WA#2G3RRC0306	cbr_RA_UpdReq	IR_U_wk31.mp [2]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_RR_Con_Est	IR_U_wk31.mp [2]
WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]
WA#2G3RRC0344	tc_8_3_7_3	IR_U_wk31.mp [2]
WA#2G3RRC0351	cbr_RA_UpdReq	IR_U_wk31.mp [2]
WA#2G3RRC0354	c_G_RR_Cause	IR_U_wk31.mp [2]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]
WA#2G3RRC0364	cr_Alert	IR_U_wk31.mp [2]
WA#2G3RRC0365	cr_MS_NetworkCap_Iv_Any	New
WA#2G3RRC0365	cr_DRXparameter_v_Any	New
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]
WA#2G3RRC0366	c_AC_RefNum_Any	New
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]
WA#2G3RRC0367	cr_ConnectedSubAdrs_Any	New
WA#2G3RRC0367	cr_Connect	IR_U_wk31.mp [2]
WA#2G3RRC0370	c_MobileTimeDiff_Any	New
WA#2G3RRC0370	cr_G_HandOverCmp_Normal	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0373	cr_Rel	IR_U_wk31.mp [2]
WA#2G3RRC0375	cr_StreamIdPresent	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]
WA#2G3RRC0381	tcv_CC_MT_CallSetupState	New
WA#2G3RRC0381	t_CC_MT_Call_Timer	New
WA#2G3RRC0381	ts_CC_EnterU10_MT_Streaming28_8k	IR_U_wk31.mp [2]
WA#2G3RRC0381	ts_CC_EnterU10_MT_Streaming57_6k	IR_U_wk31.mp [2]
WA#2G3RRC0381	ts_CC_RcvCallConf	IR_U_wk31.mp [2]
WA#2G3RRC0381	RRC_Def1	IR_U_wk31.mp [2]
WA#2G3RRC0381	SS_Def	IR_U_wk31.mp [2]

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1173 # rev - # Current version: **3.7.0**

For [HELP](#) on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction of GCF package 2 IR_U test case 8.3.7.4.		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 03/09/04
Category:	# F	Release:	# R99
	<i>Use <u>one</u> of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)	

Reason for change:	# To correct approved GCF package 2 IR_U test case 8.3.7.4.
Summary of change:	# This document lists the additional changes to be applied to test case 8.3.7.4.
Consequences if not approved:	# The test case will not work properly

Clauses affected:	# N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> </table>	Y	N	#	X	#	X	#	X	Other core specifications # Test specifications # O&M Specifications #	
Y	N										
#	X										
#	X										
#	X										
Other comments:	#										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

01 Jan - 31 Dec 2004

Title: Corrections to test case 8.3.7.4

Source: Rohde & Schwarz

Agenda Item: TTCN Issues

Document for: Approval

Contact: Holger Jauch
holger.jauch@rsd.rohde-schwarz.com
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1 Overview

This document is a CR on approved test case 8.3.7.4. It lists all the changes needed to correct detected problems in the TTCN implementation of test case 8.3.7.4 which is part of the IR_U test suite.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs.

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3 Verification Test Summary

Test Case: tc_8_3_7_4
Test Group: ISHO_UTRAN_ToGSM/
ATS Version: IR_U_wk31.mp

4 Corrections required for test case 8.3.7.4

4.1 Introduction

This CR presents corrections on ISHO_UTRAN_ToGSM test case tc_8_3_7_4, which has been approved and is in the validation process.

The ATS enclosed in T1-040547.zip [1] contains the modifications of test case tc_8_3_7_4 described in this document. The corrections to the errors listed in T1s040558.doc [5] have been performed, as far as applicable.

For the ATS modifications as identified by the 'Change labels' as defined in the subsequent subclauses, the following principles apply:

- a) All changes are described with respect to **IR_U_wk31.mp** (plus implementation of 'high priority' CRs and other errors listed in T1s040558.doc [5]).
- b) For the changes that are already described in previous CRs T1s040536 [3] or T1s040540 [4], the list of associated change labels and affected TTCN objects is given in subclause 4.5.
- c) All other changes and new TTCN objects are explicitly described in this CR.

Annex A contains a table listing all change label/affected object combinations applicable to tc_8_3_7_4 (including the ones described in previous CRs T1s040536 [3] or T1s040540 [4]).

4.2 Presentation of the modifications

The modifications are presented by the use of '**Change Tables**' as described below, and by **screenshots** taken from the relevant parts of changed TTCN objects in TTCN.GR format.

In addition, if the **reason for a change** cannot be expressed in a few table lines, particular subclauses of clause 4 may be generated for detailed argumentation.

The '**Change Tables**' have the format described in the example below (all entries in the second column are for demonstration purposes only):

Table 1: Example Change Table

TTCN object	<i>tc_8_3_7_4</i>
Reference ATS	<i>IR_U_wk31.mp [2]</i>
Change Label	<i>WA#2G3RRC0110</i>
Reason for change	<i><Textual description of change reason>.</i>
Summary of change	<i><Textual description of performed changes></i>
Other affected objects	<i><GOTO fields to other change descriptions> (optional)</i>
ETSI comment	
R&S conclusion	

- TTCN object:** Identifier(s) of one or more TTCN objects having a global context in the TTCN ATS. Typically only one TTCN object occurs. More than one object is listed only, when:
- a) All objects belong to the same TTCN Object Class; and
 - b) All objects are either created, or are modified in the same systematic way; and
 - c) No other change is proposed for the listed objects.
- Reference ATS:** ETSI ATS containing the referred TTCN object(s), relative to which the current change description applies.
- Change Label:** Textual identifier starting with the fixed string 'WA#2G3RRC', followed by a 4-digit number (e.g. WA#2G3RRC0110). A Change Label is assigned when a particular problem is recognized during the verification work. More than one TTCN Object may be affected by the proposed solution to this problem.
- Reason for change:** Textual description of the reason why the change is proposed.
- Summary of change:** Short description of what is proposed for change.
- Other affected objects:** List of one or more GOTO fields, pointing to other TTCN objects having assigned the same Change Label, i.e. all other objects being affected by the problem giving rise to the current Change Label.
- ETSI comment:** This field may be used by ETSI colleagues giving a dedicated reply to the current CR document. Otherwise it is filled by the R&S 2G3 group when another kind of response is received from ETSI.
- R&S conclusion:** Filled by the R&S 2G3 group when the ETSI answer does not indicate acceptance of the change request.

4.3 Modifications inside the tc_8_3_7_4 behaviour table

TTCN object	tc_8_3_7_4
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0344
Reason for change	The L2 connection on the combined SDCCH is not released after IMSI detach. This causes problems when L2 is established later.
Summary of change	Add an attachment of test step ts_G_ChannelRelease after the IMSI detach.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_8_3_7_4
Test Group Reference:	ISHO_UTRAN_ToGSM/
Purpose:	To test that the UE handovers to the indicated channel in the GSM target cell when it is in the call establishment phase in the UTRAN serving cell and receives an INTER-SYSTEM HANDOVER COMMAND.
Configuration:	
Defaults:	IntersystemDef
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START_t_Guard			

It_Postamble					
50		+It_OperationModeA			@sic T1-040779 sic@ perform normal RAU immediately if GERAN OpModeA
51		G_L2 | G_L2_DATA_REQ	cas_G_L2_DATA_REQ (tsc_GSM_CellA, 0, tsc_G_TrchId1, tcv_RR_ChannelType2, tcv_RR_Subchannel2, c_G_RFN_Orrit, cs_RelCmpl (tcv_TI_S))		@sic T1-040779 sic @
52		+ts_G_ChannelRelease (tsc_GSM_CellA, tsc_G_TrchId1)			@sic T1-040940 sic@
53		+It_RAU_LU			@sic T1-040779 sic@ combined RAU or Loc Upd
54		+ts_G_DetachOnSwitchOff(tsc_GSM_CellA)			@sic T1-040799 sic @
55		+ts_G_ChannelRelease (tsc_GSM_CellA, tsc_PhyCh0)			WA#2G3RRC0344
56		+ts_SetCellCfg (tsc_CellA, cell_DCH_StandAloneSRB_NoConn)			
57		+ts_GSM_ChannelRelease (tsc_GSM_CellA, tsc_G_TrchId1)			To Release the Traffic channel

4.4 Other modifications relevant for tc_8_3_7_4

4.4.1 ts_SS_CreatePhyChOfCombType7

TTCN object	ts_SS_CreatePhyChOfCombType7
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0222
Reason for change	Sysinfos 5 and 6 are not transmitted on GSM cells.
Summary of change	Added ts_SendGSMSACCHSysInfo after line 2.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Step					
Test Step Id:	ts_SS_CreatePhyChOfCombType7(p_CellId : CellId; p_PhyChId : PhysicalChId; p_TimeSlot TN)				
Test Step Group Ref:	M_RAT_HO_ChannelConfig/				
Objective:					
Defaults:	SS_Def.IntersystemDef				
Comments:	SDCCH/8(0..7) + SACCH/8(0..7)				
...	L...	Behaviour Description	Constraint Ref	...	Comments
1		G_CL1IG_CL1_CreateBasicPhyCh_REQ	ca_BasicPhyChCombType7(p_CellId, p_PhyChId, tcv_G_CellConfigInfo, p_TimeSlot)		
2		G_CL1?G_CL1_CreateBasicPhyCh_CNF	ca_BasicPhyChCnf(p_CellId, p_PhyChId)		
3		+ts_SendGSMSACCHSysInfo(p_CellId, p_PhyChId, 7)			sent on SACCH/8 WA#2G3RRC0222
4		G_CL2!G_CL2_MeasRptControl_REQ	ca_G_CL2_MeasRptControl_REQ(p_CellId, p_PhyChId, 7, 0, FALSE)		Turn Meas Rpts Off @sic T1-041010 sic @

Ö

4.5 Changes referred to from previous CRs

Table 2 below lists all Change Label/Affected TTCN Object combinations of changes in the RRC ATS required for tc_8_3_7_4, which also apply to one or more other test cases previously requested for approval and being defined unchanged in a previous CR issued by Rohde&Schwarz. For each change the document ID of the previous CR and the reference ATS are also shown.

Table 2: Change labels and affected TTCN objects of the RRC ATS treated in previous CRs

Change Labels	Affected TTCN Objects	Ref. ATS	CR DocId
WA#2G3RRC0236	c_SIB11_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0236	c_SIB12_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0305	c_MSRadioAccessCap_lv_Any	New	T1s040536 [3]
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]	T1s040536 [3]
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WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0354	c_G_RR_Cause	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0364	cr_Alert	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0365	cr_DRXparamter_v_Any	New	T1s040536 [3]
WA#2G3RRC0365	cr_MS_NetworkCap_lv_Any	New	T1s040536 [3]
WA#2G3RRC0366	c_AC_RefNum_Any	New	T1s040536 [3]
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0367	cr_Connect	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0367	cr_ConnectedSubAdrs_Any	New	T1s040540 [4]
WA#2G3RRC0370	c_MobileTimeDiff_Any	New	T1s040540 [4]
WA#2G3RRC0370	cr_G_HandOverCmp_Normal	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]	T1s040536 [3]

5 Supplementary information

5.1 ATS

The TTCN ATS containing modified test case tc_8_3_7_4 is IR_U_8_3_7_4.mp.

6 References

[1]	T1-040547.zip Archive comprising the TTCN MP file for the current CR (supplementary information).
[2]	IR_U_wk31.mp ETSI InterRat UTRAN ATS, version week 31 (2004).
[3]	T1s040536.doc Previous CR (on tc_6_2_1_1) containing change proposals also referred to in the current CR.
[4]	T1s040540.doc Previous CR (on tc_8_3_7_1) containing change proposals also referred to in the current CR.
[5]	T1s040558.doc Two Excel sheets ErrorList_wk26.xls, and ErrorList_wk31.xls are included. The two lists can also be found in the TTCN deliveries iWD-TVB2003-03_D04wk31, wk23 and wk34.

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The following Table 3 lists all change labels being described in this document, together with the related affected TTCN objects, and the Reference ATS to which the change description applies. When no Reference ATS is present, the object is a new definition.

Table 3: List of change labels and related affected TTCN Objects and reference ATS

Change Labels	Affected TTCN Objects	Ref. ATS
WA#2G3RRC0222	ts_SS_CreatePhyChOfCombType7	IR_U_wk31.mp [2]
WA#2G3RRC0236	c_SIB11_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]
WA#2G3RRC0236	c_SIB12_3_Intra3_Inter2_InterRAT_Def	IR_U_wk31.mp [2]
WA#2G3RRC0243	ts_UplinkTBFOnePhase	IR_U_wk31.mp [2]
WA#2G3RRC0305	c_MSRadioAccessCap_Iv_Any	New
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]
WA#2G3RRC0340	c_G_ChannelDescr	IR_U_wk31.mp [2]
WA#2G3RRC0340	cs_ImmediateAssignment	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_DetachOnSwitchOff	IR_U_wk31.mp [2]
WA#2G3RRC0340	ts_G_RR_Con_Est	IR_U_wk31.mp [2]
WA#2G3RRC0343	c_MS_Clsmk1_Def	IR_U_wk31.mp [2]
WA#2G3RRC0344	tc_8_3_7_4	IR_U_wk31.mp [2]
WA#2G3RRC0354	c_G_RR_Cause	IR_U_wk31.mp [2]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]
WA#2G3RRC0358	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]
WA#2G3RRC0365	cr_MS_NetworkCap_Iv_Any	New
WA#2G3RRC0365	cr_DRXparameter_v_Any	New
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]
WA#2G3RRC0366	c_AC_RefNum_Any	New
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]
WA#2G3RRC0370	c_MobileTimeDiff_Any	New
WA#2G3RRC0370	cr_G_HandOverCmp_Normal	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_G_SetupUL_MO	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]
WA#2G3RRC0364	cr_Alert	IR_U_wk31.mp [2]
WA#2G3RRC0367	cr_ConnectedSubAdrs_Any	IR_U_wk31.mp [2]
WA#2G3RRC0367	cr_Connect	IR_U_wk31.mp [2]

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3	CR 1174 # rev - # Current version: 3.7.0 #

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction of GCF package 2 IR_U test case 8.4.1.40.		
Source:	# Rohde & Schwarz		
Work item code:	# N/A		Date: # 03/09/04
Category:	# F		Release: # R99
	<i>Use <u>one</u> of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# To correct approved GCF package 3 IR_U test case 8.4.1.40.
Summary of change:	# This document lists the additional changes to be applied to test case 8.4.1.40.
Consequences if not approved:	# The test case will not work properly

Clauses affected:	# N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">#</td> <td style="width: 20px;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X		
Y	N										
#	X										
#	X										
#	X										
Other comments:	#										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

01 Jan - 31 Dec 2004

Title: Corrections to test case 8.4.1.40

Source: Rohde & Schwarz

Agenda Item: TTCN Issues

Document for: Approval

Contact: Holger Jauch
holger.jauch@rsd.rohde-schwarz.com
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1 Overview

This document is a CR on approved test case 8.4.1.40. It lists all the changes needed to correct detected problems in the TTCN implementation of test case 8.4.1.40 which is part of the IR_U test suite.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs.

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3 Verification Test Summary

Test Case: tc_8_4_1_40
Test Group: RRC_Measurements/
ATS Version: IR_U_wk31.mp

4 Corrections required for test case 8.4.1.40

4.1 Introduction

This CR presents corrections on ISHO_UTRAN_ToGSM test case tc_8_4_1_40, which has been approved and is in the validation process.

The ATS enclosed in T1s040555.zip [1] contains the modifications of test case tc_8_4_1_40 described in this document. The corrections to the errors listed in T1s040558.doc [5] have been performed, as far as applicable.

For the ATS modifications as identified by the 'Change labels' as defined in the subsequent subclauses, the following principles apply:

- a) All changes are described with respect to **IR_U_wk31.mp** (plus implementation of 'high priority' CRs and other errors listed in T1s040558.doc [5]).
- b) For the changes that are already described in previous CRs T1s040536 [3] or T1s040540 [4], the list of associated change labels and affected TTCN objects is given in subclause 4.5.
- c) All other changes and new TTCN objects are explicitly described in this CR.

Annex A contains a table listing all change label/affected object combinations applicable to tc_8_4_1_40 (including the ones described in previous CRs T1s040536 [3] or T1s040540 [4]).

4.2 Presentation of the modifications

The modifications are presented by the use of '**Change Tables**' as described below, and by **screenshots** taken from the relevant parts of changed TTCN objects in TTCN.GR format.

In addition, if the **reason for a change** cannot be expressed in a few table lines, particular subclauses of clause 4 may be generated for detailed argumentation.

The '**Change Tables**' have the format described in the example below (all entries in the second column are for demonstration purposes only):

Table 1: Example Change Table

TTCN object	<i>tc_8_4_1_40</i>
Reference ATS	<i>IR_U_wk31.mp [2]</i>
Change Label	<i>WA#2G3RRC0110</i>
Reason for change	<i><Textual description of change reason>.</i>
Summary of change	<i><Textual description of performed changes></i>
Other affected objects	<i><GOTO fields to other change descriptions> (optional)</i>
ETSI comment	
R&S conclusion	

- TTCN object:** Identifier(s) of one or more TTCN objects having a global context in the TTCN ATS. Typically only one TTCN object occurs. More than one object is listed only, when:
- a) All objects belong to the same TTCN Object Class; and
 - b) All objects are either created, or are modified in the same systematic way; and
 - c) No other change is proposed for the listed objects.
- Reference ATS:** ETSI ATS containing the referred TTCN object(s), relative to which the current change description applies.
- Change Label:** Textual identifier starting with the fixed string 'WA#2G3RRC', followed by a 4-digit number (e.g. WA#2G3RRC0110). A Change Label is assigned when a particular problem is recognized during the verification work. More than one TTCN Object may be affected by the proposed solution to this problem.
- Reason for change:** Textual description of the reason why the change is proposed.
- Summary of change:** Short description of what is proposed for change.
- Other affected objects:** List of one or more GOTO fields, pointing to other TTCN objects having assigned the same Change Label, i.e. all other objects being affected by the problem giving rise to the current Change Label.
- ETSI comment:** This field may be used by ETSI colleagues giving a dedicated reply to the current CR document. Otherwise it is filled by the R&S 2G3 group when another kind of response is received from ETSI.
- R&S conclusion:** Filled by the R&S 2G3 group when the ETSI answer does not indicate acceptance of the change request.

4.3 Modifications inside the tc_8_4_1_40 behaviour table

TTCN object	tc_8_4_1_40
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0350
Reason for change	In It_Step2_To4_WithCompMode a wrong parameter is passed to cs_MeasurementControlInterRATMeas_Event3cWithCompMode.
Summary of change	Set actual parameter #7 (tcv_TGCFN_252) of cs_MeasurementControlInterRATMeas_Event3cWithCompMode to the correct value tcv_TGPSRFCN. Note: This was correct in the original version of IR_U_wk31, but was changed in a subsequent measurement module and is still false in IR_U_wk34.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0352
Reason for change	In It_Step2_To4_WithCompMode the TGPS reconfiguration CFN should take the minimum activation time of TGCFNs.
Summary of change	The assignment (tcv_TGPSRFCN :=(tcv_FrameNumber+(250-4)) MOD 256) in line 3 of It_Step2_To4_WithCompMode is changed to (tcv_TGPSRFCN :=(tcv_FrameNumber+(256 ñ 11 - 4)) MOD 256). The line is copied to ts_CPHY_TGCFN_256_256_256 and deleted in It_Step2_To4_WithCompMode.
Other affected objects	ts_CPHY_TGCFN_256_256_256
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_8_4_1_40
Test Group Reference:	RRC_Measurements/
Purpose:	This test case is applicable to only UEs supporting both FDD and GSM, and which require compressed mode to perform the GSM related measurements. 1. To verify that the UE performs Inter-RAT measurement using a sparse compressed mode pattern as specified in the MEASUREMENT CONTROL message. 2. To verify that the UE send MEASUREMENT REPORT message when event 3C is triggered, and if the quality of the other system becomes better than the given threshold for event 3c. 3. To confirm that no other UE MEASUREMENT REPORT message is sent by the UE for a cell that has already triggered event 3c as long as the hysteresis condition for triggering once again event 3c has not been fulfilled.
Configuration:	
Defaults:	RRC_Def1
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START t_Guard			
It_Step2_To4_WithCompMode					
73		+It_PhyChReconf_CompressedModeActivate			Step 2 in prose; SS sends physical Channel Reconfiguration message
74		+ts_CalculateActTime (tsc_CellA)			
75		+ts_CPHY_TGCFN_256_256_256 (tsc_CellA)			WA#2G3RRC0352
76		AM1 RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlInterRATMeas_Event3cWithCompMode (tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_RRC_TI, 3, tsc_GSM_InterRAT_CellA, tsc_GSM_InterRAT_CellB, c_InInterRAT_Event3c(ttt100), tcv_TGPSRFCN, tcv_TGCFN_252, tcv_TGCFN_254, tcv_TGCFN_250))		Step 4 in prose; @sic Thomas T1-041020 sic@ WA#2G3RRC0350
77		(((pc_InterRAT_DL_CompressedModeRequired) AND (pc_InterRAT_UL_CompressedModeRequired)))			@sic Thomas T1S040352 sic@

4.4 Other modifications relevant for tc_8_4_1_40

4.4.1 cr_AccessPtNameAny

TTCN object	cr_AccessPtNameAny
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0355
Reason for change	Mandatory element 'accessPtName' has value '*'. *
Summary of change	Replace value '*' by '?'.
Other affected objects	
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration			
Constraint Name:	cr_AccessPtNameAny		
Group:			
Type Name:	AccessPtName		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type Encoding	Comments
iei	'00101000'B		
length	?		
accessPtName	?		WA#2G3RRC0355

4.4.2 cr_ProtoCfgOptAny

TTCN object	cr_ProtoCfgOptAny
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0360
Reason for change	Element iei (IE identifier) has no specific bitstring value uniquely identifying this IE. *
Summary of change	For element iei: enter specific identifier bitstring value '00100111'B instead of '?'.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0374
Reason for change	Elements 'ext', 'spare' and 'configprotocol' are optional, but have value '?'.
Summary of change	Replace value '?' by '*'. *
Other affected objects	
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration			
Constraint Name:	cr_ProtoCfgOptAny		
Group:			
Type Name:	ProtoCfgOpt		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type Encoding	Comments
iei	'00100111'B		WA#2G3RRC0360
length	?		
ext	*		WA#2G3RRC0374
spare	*		WA#2G3RRC0374
configprotocol	*		WA#2G3RRC0374
protocolIdContents	*		

4.4.3 cr_StaticPDP_AddressAny

TTCN object	cr_StaticPDP_AddressAny
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0362
Reason for change	Optional element addrInfo has value '?' IF_PRESENT.
Summary of change	Replace unusual construction '? IF_PRESENT by '*'.
Other affected objects	
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration			
Constraint Name:	cr_StaticPDP_AddressAny		
Group:			
Type Name:	PKDataProtoAddr_lv		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type Encoding	Comments
length	?		
spare	'0000'B		
pDP_TypeOrg	?		
pDP_TypeNo	?		
addrInfo	*		WA#2G3RRC0360

4.4.4 ts_CPHY_TGCFN_256_256_256

TTCN object	ts_CPHY_TGCFN_256_256_256
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0352
Reason for change	In It_Step2_To4_WithCompMode of tc_8_4_1_40 the TGPS reconfiguration CFN should take the minimum activation time of TGCFNs.
Summary of change	The assignment (tcv_TGSRFCN :=(tcv_FrameNumber+(250-4)) MOD 256) in line 3 of It_Step2_To4_WithCompMode is changed to (tcv_TGSRFCN :=(tcv_FrameNumber+(256-11 - 4)) MOD 256). The line is copied to ts_CPHY_TGCFN_256_256_256 and deleted in It_Step2_To4_WithCompMode.
Other affected objects	tc_8_4_1_40
ETSI comment	
R&S conclusion	

Test Step					
Test Step Id:	ts_CPHY_TGCFN_256_256_256 (p_CellId: INTEGER)				
Test Step Group Ref:	General/				
Objective:	To calculate the activation time based on CHY frame number				
Defaults:	SS_Def				
Comments:	@SIC_NAPP p_ttiValue : is equal to tti/10				
...	...	Behaviour Description	Constraint Ref	...	Comments
1		CPHY ! CPHY_Frame_Number_REQ	cas_GetFrameNum(p_CellId, tsc_DL_DPCH1)		
2		CPHY ? CPHY_Frame_Number_CNF (tcv_FrameNumber := CPHY_Frame_Number_CNF.frameNumber)	car_GetFrameNum(p_CellId, tsc_DL_DPCH1)		
3		(tcv_TGCFN_250 := (tcv_FrameNumber+(256-4)) MOD 256)			@sic Thomas T1S040352 sic@
4		(tcv_TGCFN_252 := (tcv_FrameNumber+(256-11-4)) MOD 256)			@sic Thomas T1S040352 sic@
5		(tcv_TGCFN_254 := (tcv_FrameNumber+(256-7-4)) MOD 256)			@sic Thomas T1S040352 sic@
6		(tcv_TGSRFCN :=(tcv_FrameNumber+(256-11-4)) MOD 256)			@sic Thomas T1S040352 sic@ WA#2G3RRC0352

4.4.5 ts_SendDef_sysInfo_MultiCell

TTCN object	ts_SendDef_sysInfo_MultiCell
Reference ATS	IR_U_wk31.mp [2]
Change Label	WA#2G3RRC0349
Reason for change	ts_SaveBackMIB_SB1 (line 4) is executed twice, because ts_SendDefSysInfo_LongNeighCellInfo (line 3) already executes this step.
Summary of change	Remove line 4 in ts_SendDef_sysInfo_MultiCell.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Step	
Test Step Id:	ts_SendDef_sysInfo_MultiCell (p_CellId: INTEGER)
Test Step Group Ref:	SysInfo/Def_SysInfo/
Objective:	To broadcast default system information.
Defaults:	InitOtherwiseFail
Comments:	scheduling is defined in TS 34.123-3 clause 8.4.3.1, Before call this test step tcv_SIB11 and tcv_SIB12 have to be initialized. WA#2G3RRC0349

...	L...	Behaviour Description	Constraint Ref	...	Comments
1		+ ts_InitializeSIB1_SIB12 (p_CellId)			
2		+ ts_InitMIB_SB1 (p_CellId)			
3		+ ts_SendDefSysInfo_LongNeighCellInfo (p_CellId)			

4.5 Changes referred to from previous CRs

Table 2 below lists all Change Label/Affected TTCN Object combinations of changes in the RRC ATS required for tc_8_4_1_40, which also apply to one or more other test cases previously requested for approval and being defined unchanged in a previous CR issued by Rohde&Schwarz. For each change the document ID of the previous CR and the reference ATS are also shown.

Table 2: Change labels and affected TTCN objects of the RRC ATS treated in previous CRs

Change Labels	Affected TTCN Objects	Ref. ATS	CR DocId
WA#2G3RRC0305	c_MSRadioAccessCap_lv_Any	New	T1s040536 [3]
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0348	c_ExtNeighBCCH_FreqList2terGSM1800B	New	T1s040536 [3]
WA#2G3RRC0348	c_G_CellConfigInfoGSM1800_CellB	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0364	cr_Alert	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0365	cr_DRXparamter_v_Any	New	T1s040536 [3]
WA#2G3RRC0365	cr_MS_NetworkCap_lv_Any	New	T1s040536 [3]
WA#2G3RRC0366	c_AC_RefNum_Any	New	T1s040536 [3]
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0367	cr_Connect	IR_U_wk31.mp [2]	T1s040540 [4]
WA#2G3RRC0367	cr_ConnectedSubAdrs_Any	New	T1s040540 [4]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]	T1s040536 [3]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]	T1s040536 [3]

5 Supplementary information

5.1 ATS

The TTCN ATS containing modified test case tc_8_4_1_40 is IR_U_8_4_1_40.mp.

6 References

[1]	T1s040555.zip Archive comprising the TTCN MP file for the current CR (supplementary information).
[2]	IR_U_wk31.mp ETSI InterRat UTRAN ATS, version week 31 (2004).
[3]	T1s040536.doc Previous CR (on tc_6_2_1_1) containing change proposals also referred to in the current CR.
[4]	T1s040540.doc Previous CR (on tc_8_3_7_1) containing change proposals also referred to in the current CR.
[5]	T1s040558.doc Two Excel sheets ErrorList_wk26.xls, and ErrorList_wk31.xls are included. The two lists can also be found in the TTCN deliveries iWD-TVB2003-03_D04wk31, wk23 and wk34.

Annex A: List of change labels and affected TTCN objects

The following Table 3 lists all change labels being described in this document, together with the related affected TTCN objects, and the Reference ATS to which the change description applies. When no Reference ATS is present, the object is a new definition.

Table 3: List of change labels and related affected TTCN Objects and reference ATS

Change Labels	Affected TTCN Objects	Ref. ATS
WA#2G3RRC0305	c_MSRadioAccessCap_Iv_Any	New
WA#2G3RRC0305	cbr_RA_UpdReqAny	IR_U_wk31.mp [2]
WA#2G3RRC0348	c_ExtNeighBCCH_FreqLst2terGSM1800B	New
WA#2G3RRC0348	c_G_CellConfigInfoGSM1800_CellB	IR_U_wk31.mp [2]
WA#2G3RRC0349	ts_SendDef_sysInfo_MultiCell	IR_U_wk31.mp [2]
WA#2G3RRC0350	tc_8_4_1_40	IR_U_wk31.mp [2]
WA#2G3RRC0352	tc_8_4_1_40	IR_U_wk31.mp [2]
WA#2G3RRC0352	ts_CPHY_TGCFN_256_256_256	IR_U_wk31.mp [2]
WA#2G3RRC0355	cr_AccessPtNameAny	IR_U_wk31.mp [2]
WA#2G3RRC0356	cr_Bcap3aEtcAny	IR_U_wk31.mp [2]
WA#2G3RRC0357	cr_CC_CapabilitiesAny	IR_U_wk31.mp [2]
WA#2G3RRC0359	cr_StreamIdAny	IR_U_wk31.mp [2]
WA#2G3RRC0360	cr_ProtoCfgOptAny	IR_U_wk31.mp [2]
WA#2G3RRC0362	cr_StaticPDP_AddressAny	IR_U_wk31.mp [2]
WA#2G3RRC0364	cr_Alert	IR_U_wk31.mp [2]
WA#2G3RRC0365	cr_MS_NetworkCap_Iv_Any	New
WA#2G3RRC0365	cr_DRXparamter_v_Any	New
WA#2G3RRC0365	cr_AttachReq	IR_U_wk31.mp [2]
WA#2G3RRC0366	c_AC_RefNum_Any	New
WA#2G3RRC0366	cr_AuthAndCiphRsp	IR_U_wk31.mp [2]
WA#2G3RRC0367	cr_ConnectedSubAdrs_Any	New
WA#2G3RRC0367	cr_Connect	IR_U_wk31.mp [2]
WA#2G3RRC0372	cr_LLC_Any	IR_U_wk31.mp [2]
WA#2G3RRC0374	cr_ProtoCfgOptAny	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasResults_Any	IR_U_wk31.mp [2]
WA#2G3RRC0376	c_G_MeasReport_Any	IR_U_wk31.mp [2]
WA#2G3RRC0377	cr_G_ClassmarkChangeAny	IR_U_wk31.mp [2]

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1175 rev - Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	TTCN changes to approved package 1 RRC testcase 8.4.1.3		
Source:	Anite Telecoms		
Work item code:	N/A	Date:	2/09/2004
Category:	F	Release:	R99
<i>Use <u>one</u> of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)	

Reason for change:

1. Delay needed after sending CellUpdateConfirm and before sending PhysicalChannelReconfiguration to ensure that CellUpdateConfirm is processed before going to CELL DCH state as specified in PhysicalChannelReconfiguration message.
2. SIB1 contents used in line2 of It_TestBody are not consistent with 34.123-1 and 34.108
3. SIB11 contents used in line2 of It_TestBody are not consistent with 34.123-1 and 34.108
4. As per 34.123-1 , cpich_RSCP needs to be checked if it is in valid range but the current TTCN implementation does not do the checking.
5. Step 11 of testcase prose states the UE shall begin to report the CPICH RSCP at 16 seconds interval, but the TTCN checks only for the upper bound of the timer value

Summary of change:

1. At line 7 of It_TestBody, a 30 ms delay is introduced before sending PhysicalChannelReconfiguration and after sending CellUpdateConfirm
2. The following changes are made to ensure the consistency of SIB1 contents
 - a. New constraint c_SIB1_Diff_8413 is declared with the correct values
 - b. Line 2 is modified to use the new constraint.
3. The following changes are made to c_SIB11_Modify to ensure consistency
 - a. Read SFN Indicator in Inter-frequency system information is change to FALSE

- b. Cell Selection Reselection Info in Inter-frequency system information is omitted.
- c. Cell Info for cells 3,7 and 8 made same as Cell Id 2.
- 4. The following changes are made to check the value of CPICH RSCP
 - a. In line 5 of ts_RRC_ReceiveCellUpdatePeriodic read the value of cpich_RSCP and store it in tcv_Checkcpich_RSCP
 - b. Introduce localtree lt_CheckCPICH_RSCP which checks if tcv_Checkcpich_RSCP is in acceptable range
 - c. In line 20 of lt_TestBody, after CellUpdate is received, lt_CheckCPICH_RSCP is called.
- 5. At line 30 of the lt_TestBody, wait till the lowerbound timer expires before Measurement Report is received.

Consequences if not approved:

☞ Testcase 8.4.1.3 will fail a conformant UE sometimes.

Clauses affected:

☞

Other specs affected:

	Y	N
☞		X
		X
		X

Other core specifications ☞

Test specifications

O&M Specifications

Other comments:

☞

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ☞ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test step	On line 7 of It_TestBody
Reason for change	1. Delay needed after sending CellUpdateConfirm and before sending PhysicalChannelReconfiguration to ensure that CellUpdateConfirm is processed before going to CELL DCH state as specified in PhysicalChannelReconfiguration message
Summary of change	1. At line 7 of It_TestBody, a 30 ms delay is introduced before sending PhysicalChannelReconfiguration and after sending CellUpdateConfirm
Source of change	new change

Before:

6		000) UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfD CCH (tcv_CellIndInfo.dl_I ntegrityCheckInfo, tcv_RR C_Ti, OMIT, OMIT, cell_FACH, OMIT, OMIT, OMIT))		Step 8 in prose;
7		AM ! RLC_AM_DATA_REQ	cas_PhyChReconf (tsc_CellDedicated, tsc_RB2, cds_PhyChReconf64k_PS _FACH_ToDCH_Meas (tcv_CellIndInfo.dl_Integrity CheckInfo, tcv_RRC_Ti,		Step 9 in prose; @sic T homas T1S040007 sic @; @sic Thomas T1s0 40205 sic@

After :

6		000) UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfD CCH (tcv_CellIndInfo.dl_I ntegrityCheckInfo, tcv_RR C_Ti, OMIT, OMIT, cell_FACH, OMIT, OMIT, OMIT))		Step 8 in prose;
7		+ts_RRC_Delay(30)			
8		AM ! RLC_AM_DATA_REQ	cas_PhyChReconf (tsc_CellDedicated, tsc_RB2, cds_PhyChReconf64k_PS _FACH_ToDCH_Meas (tcv_CellIndInfo.dl_Integrity CheckInfo, tcv_RRC_Ti,		Step 9 in prose; @sic T homas T1S040007 sic @; @sic Thomas T1s0 40205 sic@

Before:

					5 configuration
1	ERR1	[px_RAT = tdd]			
1	ERR2	[TRUE ]		|	
It_TestBody					
0	TBS	(tcv_TestBody := TRUE)			
1		+ts_SysInfoModifySIB1_SIB11_RRC (tsc_CellA, c_SIB1_Diff (tcv_CellInfoA , m 5, s200), c_SIB11_Modify (5 , tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF , tcv_CellInfoG, tcv_CellInfoH) , tsc_Now)			Step 1 in prose; @sic Thomas T1S040007 sic@
2		+ts_RRC_Delay(tsc_WaitBeforePaging)			Give delay (5 seconds) to allow UE to re acquire modified SIBs; @sic Thomas T1s040205 sic@
3		+It_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)			Step 2, 3, 4 in prose ; @sic Thomas ER1050 sic@

After:

					release the RRC connection and all the SS configuration
11	ERR1	[px_RAT = tdd]			
12	ERR2	[TRUE ]		|	
It_TestBody					
13	TBS	(tcv_TestBody := TRUE)			
14		+ts_SysInfoModifySIB1_SIB11_RRC (tsc_CellA, c_SIB1_Diff_8413 (tcv_CellInfoA) , c_SIB11_Modify (5 , tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF , tcv_CellInfoG, tcv_CellInfoH) , tsc_Now)			Step 1 in prose; @sic Thomas T1S040007 sic@
15		+ts_RRC_Delay(tsc_WaitBeforePaging)			Give delay (5 seconds) to allow UE to re acquire modified SIBs; @sic Thomas T1s040205 sic@
16		+It_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)			Step 2, 3, 4 in prose ;

1.3 Change:

Test step	c_SIB11_Modify
Reason for change	1. Currently SIB11 contents used in line2 of It_TestBody are not consistent with 34.123-1 and 34.108
Summary of change	1. Read SFN Indicator in Inter-frequency system information is change to FALSE 2. Cell Selection Reselection Info in Inter-frequency system information is omitted. 3. Cell Info for cells 3,7 and 8 made same as Cell Id 2.
Source of change	new change

After:

```
{
  sib12indicator FALSE,
  fach_MeasurementOccasionInfo OMIT, --{
  --fACH_meas_occasion_coeff 2 ,
  --inter_freq_FDD_meas_ind FALSE,
  -- inter_freq_TDD_meas_ind FALSE,
  -- inter_RAT_meas_ind OMIT
  -- },
  measurementControlSysInfo
  {
  use_of_HCS hcs_not_used : {
    cellSelectQualityMeasure
    cpich_RSCP : {
      intraFreqMeasurementSysInfo
      {
        intraFreqMeasurementID p_IntraFreq_MeasId,
        intraFreqCellInfoSI_List {
          removedIntraFreqCellList OMIT,
          newIntraFreqCellList {

            {
              intraFreqCellID p_ActiveCellInfo.cellId,
              cellInfo {
                cellIndividualOffset OMIT,
                referenceTimeDifferenceToCell OMIT,
                modeSpecificInfo fdd : {
                  primaryCPICH_Info { primaryScramblingCode p_ActiveCellInfo.priScrmCode },
                  primaryCPICH_TX_Power OMIT ,
                  readSFN_Indicator FALSE,
                  tx_DiversityIndicator FALSE
                },
                cellSelectionReselectionInfo OMIT
              },
            },
          },
        },
      },
    },
  },
  {
    intraFreqCellID p_IntraCellInfo2.cellId,
    cellInfo {
      cellIndividualOffset OMIT,
      referenceTimeDifferenceToCell OMIT,
      modeSpecificInfo fdd : {
        primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo2.priScrmCode },
        primaryCPICH_TX_Power OMIT ,
      },
    },
  },
}
```

```

    readSFN_Indicator TRUE,
    tx_DiversityIndicator FALSE
  },
  cellSelectionReselectionInfo
  {
    q_OffsetS_N 0,
    maxAllowedUL_TX_Power 0,
    modeSpecificInfo fdd : {
      q_QualMin tsc_Q_QualMin,
      q_RxlevMin tsc_Q_RxlevMin }
  }
},
{
  intraFreqCellID p_IntraCellInfo3.cellId,
  cellInfo {
    cellIndividualOffset 0OMIT,
    referenceTimeDifferenceToCell OMIT,
    modeSpecificInfo fdd : {
      primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo3.priScrmCode },
      readSFN_Indicator TRUE,
      tx_DiversityIndicator FALSE
    },
    cellSelectionReselectionInfo {
      q_OffsetS_N 0,
      maxAllowedUL_TX_Power 240,
      modeSpecificInfo fdd :
      {
        q_QualMin tsc_Q_QualMin-24,
        q_RxlevMin tsc_Q_RxlevMin-39 --IE*2+1=-79
      }
    }
  }
},
{
  intraFreqCellID p_IntraCellInfo7.cellId,
  cellInfo {
    cellIndividualOffset 0OMIT,
    referenceTimeDifferenceToCell OMIT,
    modeSpecificInfo fdd : {
      primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo7.priScrmCode },
      readSFN_Indicator TRUE,
      tx_DiversityIndicator FALSE
    },
    cellSelectionReselectionInfo {
      q_OffsetS_N 0,
      maxAllowedUL_TX_Power 240,
      modeSpecificInfo fdd :
      {
        q_QualMin tsc_Q_QualMin-24,
        q_RxlevMin tsc_Q_RxlevMin-39 --IE*2+1=-79
      }
    }
  }
},
{

```

```

intraFreqCellID p_IntraCellInfo8.cellId,
cellInfo {
  cellIndividualOffset 0OMIT,
  referenceTimeDifferenceToCell OMIT,
  modeSpecificInfo fdd : {
    primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo8.priScrmCode },
    readSFN_Indicator TRUE,
    tx_DiversityIndicator FALSE
  },
  cellSelectionReselectionInfo {
    q_OffsetS_N 0,
    maxAllowedUL_TX_Power 210,
    modeSpecificInfo fdd :
    {
      q_QualMin tsc Q QualMin-24,
      q_RxlevMin tsc Q RxlevMin-39 IE*2+1=-79
    }
  }
}
},
intraFreqMeasQuantity {
  filterCoefficient OMIT,
  modeSpecificInfo fdd : {
    intraFreqMeasQuantity_FDD cpich_RSCP}
},
intraFreqReportingQuantityForRACH {
  sfn_SFN_OTD_Type noReport,
  modeSpecificInfo fdd : {
    intraFreqRepQuantityRACH_FDD cpich_RSCP}
},
maxReportedCellsOnRACH currentCell,
reportingInfoForCellDCH {
  intraFreqReportingQuantity
  {
    activeSetReportingQuantities
    {
      dummy noReport,
      cellIdentity_reportingIndicator FALSE,
      cellSynchronisationInfoReportingIndicator FALSE,
      modeSpecificInfo fdd :
      {
        cpich_Ec_N0_reportingIndicator TRUE, -- @sic Thomas T1s040205
        cpich_RSCP_reportingIndicator FALSE,
        pathloss_reportingIndicator FALSE
      }
    }
  },
  monitoredSetReportingQuantities
  {
    dummy noReport,
    cellIdentity_reportingIndicator FALSE,
    cellSynchronisationInfoReportingIndicator TRUE,
    modeSpecificInfo fdd :
    {
      cpich_Ec_N0_reportingIndicator FALSE,

```

```

        cpich_RSCP_reportingIndicator TRUE,
        pathloss_reportingIndicator FALSE
    }
},
detectedSetReportingQuantities OMIT
},
measurementReportingMode
{
    measurementReportTransferMode acknowledgedModeRLC,
    periodicalOrEventTrigger eventTrigger
},
reportCriteria intraFreqReportingCriteria :
{
    eventCriteriaList {{
        event e1a : {
            triggeringCondition monitoredSetCellsOnly,
            reportingRange tsc_ReportingRange14,
            forbiddenAffectCellList OMIT ,
            w tsc_W,
            reportDeactivationThreshold notApplicable,
            reportingAmount ra_Infinity,
            reportingInterval ri16
        },
        hysteresis tsc_Hysteresis2,
        timeToTrigger ttt60,
        reportingCellStatus
withinActSetAndOrMonitoredUsedFreqOrVirtualActSetAndOrMonitoredNonUsedFreq: e2 --
withinActSetAndOrMonitoredUsedFreqOrMonitoredNonUsedFreq: e2
    }}
}
},
interFreqMeasurementSysInfo
{
    interFreqCellInfoSI_List {
        removedInterFreqCellList OMIT,
        newInterFreqCellList { {
            interFreqCellID p_InterCellInfo4.cellId,
            frequencyInfo p_InterCellInfo4.frequencyInfo,
            cellInfo {
                cellIndividualOffset 0,
                referenceTimeDifferenceToCell OMIT,
                modeSpecificInfo fdd : {
                    primaryCPICH_Info { primaryScramblingCode p_InterCellInfo4.priScrmCode },
                    readSFN_Indicator TRUEFALSE,
                    tx_DiversityIndicator FALSE
                },
                cellSelectionReselectionInfo {
q_OffsetS_N 0,
maxAllowedUL_TX_Power 21,
modeSpecificInfo fdd :
{
q_QualMin -24,
q_RxlevMin -39 -- IE*2+1 == -79
}
}OMIT

```

```

    }
  },
  {
    interFreqCellId p_InterCellInfo5.cellId,
    frequencyInfo p_InterCellInfo5.frequencyInfo,
    cellInfo {
      cellIndividualOffset 0,
      referenceTimeDifferenceToCell OMIT,
      modeSpecificInfo fdd : {
        primaryCPICH_Info { primaryScramblingCode p_InterCellInfo5.priScrmCode },
        readSFN_Indicator TRUEFALSE,
        tx_DiversityIndicator FALSE
      },
      cellSelectionReselectionInfo {
q_OffsetS_N 0,
maxAllowedUL_TX_Power 21,
modeSpecificInfo fdd :
{
q_QualMin -24,
q_RxlevMin -39 --IE*2+1 == -79
}
}OMIT
    }
  },
  {
    interFreqCellId p_InterCellInfo6.cellId,
    frequencyInfo p_InterCellInfo6.frequencyInfo,
    cellInfo {
      cellIndividualOffset 0,
      referenceTimeDifferenceToCell OMIT,
      modeSpecificInfo fdd : {
        primaryCPICH_Info { primaryScramblingCode p_InterCellInfo6.priScrmCode },
        readSFN_Indicator TRUEFALSE,
        tx_DiversityIndicator FALSE
      },
      cellSelectionReselectionInfo {
q_OffsetS_N 0,
maxAllowedUL_TX_Power 21,
modeSpecificInfo fdd :
{
q_QualMin -24,
q_RxlevMin -39 --IE*2+1 == -79
}
}OMIT
    }
  }
}
}},
nonCriticalExtensions OMIT
}

```


1.4 Change 4:

Test step	ts_RRC_ReceiveCellUpdatePeriodic, It_TestBody
Reason for change	1. As per 34.123-1 , cpich_RSCP needs to be checked if it is in valid range but the current TTCN implementation does not do the checking.
Summary of change	<ol style="list-style-type: none"> 1. In line 5 of ts_RRC_ReceiveCellUpdatePeriodic read the value of cpich_RSCP and store it in tcv_Checkcpich_RSCP 2. Introduce localtree It_CheckCPICH_RSCP which checks if tcv_Checkcpich_RSCP is in acceptable range 3. In line 20 of It_TestBody, after CellUpdate is received, It_CheckCPICH_RSCP is called.
Source of change	new change

Before:

		(tcv_StartList := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.cellUpdate.startList) CANCEL t_UpperBound,CANCEL t_LowerBound	(p_CellId , tsc_RB0, p_PDU)		
3		+ It_GetHFN			
4	TSP1	? TIMEOUT t_LowerBound			(P)
5	TSP2	TM ? RLC_TR_DATA_IND (tcv_StartList := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.cellUpdate.startList) CANCEL t_UpperBound	car_RRC_CellUpdate (p_CellId , tsc_RB0, p_PDU)		(P)
6		+ It_GetHFN			
7	TSF2	? TIMEOUT t_UpperBound			(F)
It_GetHFN					
8		(tcv_Count := NUMBER_OF_ELEMENTS (tcv_StartList))			
9		If tcv_Count = 1			1

After:

		(tcv_StartList := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.cellUpdate.startList) CANCEL t_UpperBound,CANCEL t_LowerBound	p_CellId , tsc_RB0, p_PDU)		
3		+ It_GetHFN			
4	TSP1	? TIMEOUT t_LowerBound		(P)	
5	TSP2	TM ? RLC_TR_DATA_IND (tcv_StartList := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.cellUpdate.startList, tcv_Checkcpich_RSCP := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.cellUpdate.measuredResultsOnRACH.currentCell.modeSpecificInfo.fdd.measurementQuantity.cpich_RSCP) CANCEL t_UpperBound	car_RRC_CellUpdate (p_CellId , tsc_RB0, p_PDU)	(P)	@Alphonse
6		+ It_GetHFN			
7	TSF2	? TIMEOUT t_UpperBound		(F)	
It_GetHFN					
8		(tcv_Count := NUMBER_OF_EL			

Before:

19		+ts_RRC_ReceiveCellUpdatePeriodic (tsc_CellA, cdr_CellUpdateMeasResultOnRACHNoMonCells (tcv_CellInfoA.uRNTI, periodicalCellUpdate), 75000, 15000)			Step 6 in prose; @sic Rash ER1882 sic@ Step 7 in prose; @sic Thomas ER1444 sic@; @sic Thomas T1 S040007 sic@
20		UM IRLC_UM_DATA_REQ	cas_RRC_CellUpdateConf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateConfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, OMIT, OMIT, cell_FACH, OMIT, OMIT, OMIT, OMIT))		Step 8 in prose;
21		+ts_RRC_Delay(30)			@Alphonse
22		AM IRLC_AM_DATA_REQ	cas_PhyChReconf (		Step 9 in prose; @sic Thomas T1 S040007

After:

18	TBP1	?TIMEOUT t_WaitS	rt (tsc_CellDedicated, tsc_RB2, cr_MeasReportIntraFreqPeriodicAddMeasResults (*, *, *, *))	(P)	Step 6 in prose; @sic Rash ER1882 sic@
19		+ts_RRC_ReceiveCellUpdatePeriodic (tsc_CellA, cdr_CellUpdateMeasResultOnRACHNoMonCells (tcv_CellInfoA.uRNTI, periodicalCellUpdate), 75000, 15000)			Step 7 in prose; @sic Thomas ER1444 sic@; @sic Thomas T1 S040007 sic@
20		+It_CheckCPICH_RSCP			
21		UM IRLC_UM_DATA_REQ	cas_RRC_CellUpdateConf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateConfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, OMIT, OMIT, cell_FACH		Step 8 in prose;

New local Tree

It_CheckCPICH_RSCP					
0		[((tcv_Checkcpich_RSCP - tsc_Cpich_RSCP_70dBm) >= tsc_cpich_RSCPMIn) AND ((tsc_Cpich_RSCP_70dBm - tcv_Checkcpich_RSCP) <= tsc_cpich_RSCPMMax)]		(P)	
0		[TRUE]		(F)	
Detailed Comment:					

Test step	lt_TestBody
Reason for change	1. Step 11 of testcase prose states the UE shall begin to report the CPICH RSCP at 16 seconds interval, but the TTCN checks only for the upper bound of the timer value
Summary of change	1. At line 30 of the lt_TestBody, wait till the lowerbound timer expires before Measurement Report is received.
Source of change	new change

Before:

27			(tcv_Tolerance := (16 * 1000) / 10)			
28			START t_WaitMS (16 * 1000 + tcv_Tolerance)			
29	TBF2		? TIMEOUT t_WaitMS		(F)	
30	TBP2	D	AM ?RLC_AM_DATA_IN	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportIntraFreqEventCr (5, OMIT, tcv_CellInfoA.priScrmCode, tcv_CellInfoB.priScrmCode, e1a))	(P)	Step 11 in prose; first Measurement Report
31			CANCEL t_WaitMS			
32			START t_WaitMS (16 * 1000 + tcv_Tolerance)			@sic Thomas T1S040007 sic@
33	TBF3		? TIMEOUT t_WaitMS		(F)	@sic Thomas T1S040007 sic@
34	TBP3	IND	AM ?RLC_AM_DATA_IN	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportIntraFreqEventCr (5, OMIT, tcv_CellInfoA.priScrmCode, tcv_CellInfoB.priScrmCode, e1a))	(P)	Step 11 in prose; second Measurement Report; @sic Thomas T1S040007 sic@
35			CANCEL t_WaitMS			@sic Thomas T1S040007 sic@
36	TBE	SE	(tcv_TestBody := FALSE)		(P)	

After:

12			+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA, tcv_RRC_RAB_Type)			Step 10 in prose;
13	TBP2		AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportIntraFreqEventCr (5, OMIT, tcv_CellInfoA.priScrmCode, tcv_CellInfoB.priScrmCode, e1a))	(P)	Step 11 in prose; first Measurement Report
14			(tcv_Tolerance := (16 * 1000) / 10)			
15			START t_UpperBound (16 * 1000 + tcv_Tolerance), START t_LowerBound (16 * 1000 - tcv_Tolerance)			@sic Thomas T1S040007 sic@
16			AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportIntraFreqEventCr (5, OMIT, tcv_CellInfoA.priScrmCode, tcv_CellInfoB.priScrmCode, e1a))	(F)	
16	TBF3		? TIMEOUT t_LowerBound		(P)	@sic Thomas T1S040007 sic@
17	TBP3		AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportIntraFreqEventCr (5, OMIT, tcv_CellInfoA.priScrmCode, tcv_CellInfoB.priScrmCode, e1a))	(P)	Step 11 in prose; second Measurement Report; @sic Thomas T1S040007 sic@
17			? TIMEOUT t_UpperBound		(F)	
18			CANCEL t_UpperBound			
19	TBE		(tcv_TestBody := FALSE)		(P)	
lt_InitVariables						
0			+ts_RRC_InitVariablesPS (cell_FACH)			

CHANGE REQUEST

34.123-3 CR 1176 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to MultiRAB test cases 14.2.38a, 14.2.38b and 14.2.38e		
Source:	# Anite		
Work item code:	# N/A	Date:	# 2/09/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	
	B (addition of feature),	R97 (Release 1997)	
	C (functional modification of feature)	R98 (Release 1998)	
	D (editorial modification)	R99 (Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-4 (Release 4)	
		Rel-5 (Release 5)	
		Rel-6 (Release 6)	

Reason for change:	#	<ol style="list-style-type: none"> 1) In the MultiRAB (CS + PS RAB) test case for the PS domain integrity is activated twice. Once from the test step ts_RB_InitTest_CS_PS and later after CS Radio Bearer Setup. As per the T1-24 approved CR T1-041172, PS domain integrity should be activated before CS Radio Bearer Setup. Thus need to remove the extra PS domain integrity performed after CS Radio Bearer Setup. 2) In the Test Step ts_RRC_ReceiveRB_SetupCmpl, in the local test step It_CRLC_SecurityConfig, for the CN domain itcv_CN_Domain is used in CRLC_SecurityMode_Config_REQ. However it should be the last secure CN domain, thus the variable used should be itcv_CellIndInfo.recentSecureDomain.
Summary of change:	#	<ol style="list-style-type: none"> 1) In the test step ts_SendRB_SetUp_ConvSpeech_InteractBackg_0k_TC_20TTI, ts_SendRB_SetUpConvSpeech_InteractBackg_8k_TC_40TTI and ts_SendRB_SetUpConvSpeech_12_2k_AMR_InteractBackg_0k_CC_20TTI removed row 4, 5 and 9. 2) In the test step ts_RRC_ReceiveRB_SetupCmpl, in local test step It_CRLC_SecurityConfig, at row 62 replaced itcv_CN_Domain with itcv_CellIndInfo.recentSecureDomain.
Consequences if not approved:	#	Mismatch between TTCN and test specification will remain.

Clauses affected:	# None
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Other specs affected:		Y	N		
	⌘		X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

How to create CRs using this form:

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- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test Step	ts_SendRB_SetUp_ConvSpeech_InteractBackg_0k_TC_20TTI
Reason for change	In the MultiRAB (CS + PS RAB) test case for the PS domain integrity is activated twice. Once from the test step ts_RB_InitTest_CS_PS and later after CS Radio Bearer Setup. As per the T1-24 approved CR T1-041172, PS domain integrity should be activated before CS Radio Bearer Setup. Thus need to remove the extra PS domain integrity performed after CS Radio Bearer Setup
Summary of change	In the test step ts_SendRB_SetUp_ConvSpeech_InteractBackg_0k_TC_20TTI removed row 4, 5 and 9
Source of change	New change

Before:

1	+ ts_SetTmpCellInfo (p_CellId)		
2	+ts_SendRB_SetUpDCH_Speech_DiffRM_DCH5 (p_CellId, tsc_RAB_DefCS, p_ActTime)		1.@sic RASH ER1961 sic@
3	+ ts_SetCellCfg (p_CellId, cell_DCH_Speech)		
4	+ ts_RRC_Security (p_CellId, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, FALSE, ps_domain)		2.
5	(tcv_CN_Domain := ps_domain)		@sic Ts040391 sic@
6	+ ts_CalculateActTime (p_CellId)		
7	+ts_SendRB_SetUp_ConvSpeech_InteractBackg_0k_TC_20TTI_CS_PS (p_CellId, p_RAB_Id, p_ActTime)		3.
8	+ ts_SetCellCfg (p_CellId, cell_Four_DTCH_CS_PS)		
9	(tcv_CN_Domain := cs_domain)		@sic Ts040391 sic@

After:

1	+ ts_SetTmpCellInfo (p_CellId)		
2	+ts_SendRB_SetUpDCH_Speech_DiffRM_DCH5 (p_CellId, tsc_RAB_DefCS, p_ActTime)		1.@sic RASH ER1961 sic@
3	+ ts_SetCellCfg (p_CellId, cell_DCH_Speech)		
4	+ ts_CalculateActTime (p_CellId)		
5	+ts_SendRB_SetUp_ConvSpeech_InteractBackg_0k_TC_20TTI_CS_PS (p_CellId, p_RAB_Id, p_ActTime)		3.
6	+ ts_SetCellCfg (p_CellId, cell_Four_DTCH_CS_PS)		

1.2 Change 2

Test Step	ts_SendRB_SetUpConvSpeech_InteractBackg_8k_TC_40TTI
Reason for change	In the MultiRAB (CS + PS RAB) test case for the PS domain integrity is activated twice. Once from the test step ts_RB_InitTest_CS_PS and later after CS Radio Bearer Setup. As per the T1-24 approved CR T1-041172, PS domain integrity should be activated before CS Radio Bearer Setup. Thus need to remove the extra PS domain integrity performed after CS Radio Bearer Setup
Summary of change	In the test step ts_SendRB_SetUpConvSpeech_InteractBackg_8k_TC_40TTI removed row 4, 5 and 9
Source of change	New change

Before:

1	+ ts_SetTmpCellInfo (p_CellId)		
2	+ts_SendRB_SetUpDCH_Speech (p_CellId, tsc_RAB_DefCS, p_ActTime)		1.
3	+ ts_SetCellCfg (p_CellId, cell_DCH_Speech)		
4	+ ts_RRC_Security (p_CellId, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, FALSE, ps_domain)		2.
5	(tcv_CN_Domain := ps_domain)		@sic RASH T1s040438 sic@
6	+ ts_CalculateActTime (p_CellId)		
7	+ts_SendRB_SetUpConvSpeech_InteractBackg_8k_TC_40TTI_CS_PS (p_CellId, p_RAB_Id, p_ActTime)		3.
8	+ ts_SetCellCfg (p_CellId, cell_Four_DTCH_CS_PS)		
9	(tcv_CN_Domain := cs_domain)		@sic RASH T1s040438 sic@

After:

1	+ ts_SetTmpCellInfo (p_CellId)		
2	+ts_SendRB_SetUpDCH_Speech (p_CellId, tsc_RAB_DefCS, p_ActTime)		1.
3	+ ts_SetCellCfg (p_CellId, cell_DCH_Speech)		
4	+ ts_CalculateActTime (p_CellId)		
5	+ts_SendRB_SetUpConvSpeech_InteractBackg_8k_TC_40TTI_CS_PS (p_CellId, p_RAB_Id, p_ActTime)		3.
6	+ ts_SetCellCfg (p_CellId, cell_Four_DTCH_CS_PS)		

1.3 Change 3

Test Step	ts_SendRB_SetUpConvSpeech_12_2k_AMR_InteractBackg_0k_CC_20TTI
Reason for change	In the MultiRAB (CS + PS RAB) test case for the PS domain integrity is activated twice. Once from the test step ts_RB_InitTest_CS_PS and later after CS Radio Bearer Setup. As per the T1-24 approved CR T1-041172, PS domain integrity should be activated before CS Radio Bearer Setup. Thus need to remove the extra PS domain integrity performed after CS Radio Bearer Setup
Summary of change	In the test step ts_SendRB_SetUpConvSpeech_12_2k_AMR_InteractBackg_0k_CC_20TTI removed row 4, 5 and 9
Source of change	New change

Before:

1	+ ts_SetTmpCellInfo (p_CellId)		
2	+ts_SendRB_SetUpSpeech_12_2k_AMR_DiffRM_DCH5 (p_CellId, tsc_RAB_DefCS, p_ActTime)		1. @sic RASH ER1961 sic@
3	+ ts_SetCellCfg (p_CellId, cell_DCH_Speech)		
4	+ ts_RRC_Security (p_CellId, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, FALSE, ps_domain)		2.
5	(tcv_CN_Domain := ps_domain)		@sic Ts040391 sic@
6	+ ts_CalculateActTime (p_CellId)		
7	+ts_SendRB_SetUpConvSpeech_12_2k_AMR_InteractBackg_0k_CC_20TTI_CS_PS (p_CellId, p_RAB_Id, p_ActTime)		3.
8	+ ts_SetCellCfg (p_CellId, cell_Four_DTCH_CS_PS)		
9	(tcv_CN_Domain := cs_domain)		@sic Ts040391 sic@

After:

1	+ ts_SetTmpCellInfo (p_CellId)		
2	+ts_SendRB_SetUpSpeech_12_2k_AMR_DiffRM_DCH5 (p_CellId, tsc_RAB_DefCS, p_ActTime)		1. @sic RASH ER1961 sic@
3	+ ts_SetCellCfg (p_CellId, cell_DCH_Speech)		
4	+ ts_CalculateActTime (p_CellId)		
5	+ts_SendRB_SetUpConvSpeech_12_2k_AMR_InteractBackg_0k_CC_20TTI_CS_PS (p_CellId, p_RAB_Id, p_ActTime)		3.
6	+ ts_SetCellCfg (p_CellId, cell_Four_DTCH_CS_PS)		

1.4 Change 4

Test Step	ts_RRC_ReceiveRB_SetupCmpl
Reason for change	In the Test Step ts_RRC_ReceiveRB_SetupCmpl, in the local test step It_CRLC_SecurityConfig, for the CN domain itcv_CN_Domain is used in CRLC_SecurityMode_Config_REQ. However it should be the last secure CN domain, thus the variable used should be itcv_CellIndInfo.recentSecureDomain.
Summary of change	In the test step ts_RRC_ReceiveRB_SetupCmpl, in local test step It_CRLC_SecurityConfig, at row 62 replaced itcv_CN_Domain with itcv_CellIndInfo.recentSecureDomain.
Source of change	New change

Before:

It_CRLC_SecurityConfig (p_Hfn_LT: HyperFrameNumber ; p_KC_LT: KeyCiphering)			
62	CRLC ! CRLC_SecurityMode_Config_REQ	ca_CRLC_SecurityModeCfgReq (tsc_CellDedicated, itcv_CN_Domain, p_Hfn_LT, p_KC_LT, OMIT, OMIT)	Download security keys for RLC. CRLC is configured with cellId -1 (tsc_CellDedicated)
63	CRLC ? CRLC_SecurityMode_Config_CNF	ca_CRLC_SecurityModeCfgCnf (tsc_CellDedicated)	

After:

It_CRLC_SecurityConfig (p_Hfn_LT: HyperFrameNumber ; p_KC_LT: KeyCiphering)			
62	CRLC ! CRLC_SecurityMode_Config_REQ	ca_CRLC_SecurityModeCfgReq (tsc_CellDedicated, itcv_CellIndInfo.recentSecureDomain, p_Hfn_LT, p_KC_LT, OMIT, OMIT)	Download security keys for RLC. CRLC is configured with cellId -1 (tsc_CellDedicated)
63	CRLC ? CRLC_SecurityMode_Config_CNF	ca_CRLC_SecurityModeCfgCnf (tsc_CellDedicated)	

CHANGE REQUEST

34.123-3 CR 1177 # rev **-** # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Correction to Approved RRC Package 2 TC 8.4.1.2		
Source:	# Ericsson		
Work item code:	# TEI	Date:	# 02/09/2004
Category:	# F	Release:	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2	(GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96	(Release 1996)
	B (addition of feature),	R97	(Release 1997)
	C (functional modification of feature)	R98	(Release 1998)
	D (editorial modification)	R99	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-4	(Release 4)
		Rel-5	(Release 5)
		Rel-6	(Release 6)

Reason for change:	# The prose for TC 8.4.1.2 states values 2.0 and 1.0 for the parameters "deltaSIR1" and "deltaSIRAfter1" in the RRC CONNECTION SETUP message (at step2). The parameters "deltaSIR1" and a "deltaSIRAfter1" in constraint c_DL_CommonInformation_DCH_ToDCH, which is used in 8.4.1.2, gets the values 2 and 1 respectively using the constants tsc_DeltaSir1 and tsc_DeltaSirAfter1. These two constants are of type iDeltaSIRi, which is an integer (0..30). TS 25.331 says it should be a value 0-3 in steps of 0.1. I.e. 30 steps. The values 2.0 and 1.0 (with decimals) should be 20 and 10 instead of 2 and 1 in TTCN. I.e. tsc_DeltaSir1 and tsc_DeltaSirAfter1 should be changed to carry 20 and 10 respectively.
Summary of change:	# Changed the constants tsc_DeltaSir1 and tsc_DeltaSirAfter1 to carry 20 and 10 instead of 2 and 1 respectively
Consequences if not approved:	# TTCN will not be consistent with the prose.

Clauses affected:	# tc_8_4_1_2				
Other specs affected:	#				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
Other comments:	# Affects R99, Rel4 and Rel5 UEs.				

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Before:

Test Suite Constant Declarations

tsc_DeltaSir1	DeltaSIR	2	
tsc_DeltaSirAfter1	DeltaSIR	1	

After:

Test Suite Constant Declarations

tsc_DeltaSir1	DeltaSIR	20	
tsc_DeltaSirAfter1	DeltaSIR	10	

CHANGE REQUEST

№ **34.123-3 CR 1178** № rev - № Current version: **3.7.0** №

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the № symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	№ Addition of verdicts in RRC default message handler on Dc SAP for Deactivate PDP Context Request message in RRC ATS.(Revision of T1s040512)		
Source:	№ Anite		
Work item code:	№ N/A	Date:	№ 31/08/2004
Category:	№ F	Release:	№ R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	№ 1. Unexpected Deactivate PDP Context Request message on Dc SAP is currently not handled in RRC defaults.
Summary of change:	№ 1. Verdicts (FAIL/INCONCLUSIVE) are added for the unexpected Deactivate PDP Context Request message on Dc-SAP in RRC_Def1.
Consequences if not approved:	№ A non-compliant UE may pass RRC test cases.

Clauses affected:	№ N.A.						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	№
	Y	N					
	<input type="checkbox"/>	<input checked="" type="checkbox"/>					
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Test specifications					
<input type="checkbox"/>	<input checked="" type="checkbox"/>	O&M Specifications					
Other comments:	№						

How to create CRs using this form:

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1:

Local Tree and Test step	RRC_Def1
Reason for change	Unexpected Deactivate PDP Context Request message on Dc SAP is currently not handled in RRC defaults.
Summary of change	Verdicts (FAIL/INCONCLUSIVE) are added for the unexpected Deactivate PDP Context Request message on Dc-SAP in RRC_Def1.

TTCN before change:

50		TM?OTHERWISE [tcv_TestBody = FALSE]		
51	DFI4	CANCEL		(I)
52		AM?OTHERWISE [tcv_TestBody = TRUE]		
53	DFF2	CANCEL		(F)
54		UM?OTHERWISE [tcv_TestBody = TRUE]		
55	DFF3	CANCEL		(F)
56		TM?OTHERWISE [tcv_TestBody = TRUE]		
57	DFF4	CANCEL		(F)
58		CRLC?OTHERWISE		
59	DFI5	CANCEL		(I)
60		CMAC?OTHERWISE		
61	DFI6	CANCEL		(I)
62		CPHY?OTHERWISE		
63	DFI7	CANCEL		(I)

TTCN after change:

50		TM?OTHERWISE [tcv_TestBody = FALSE]		
51	DFI4	CANCEL		(I)
52		Dc? RRC_DataInd [tcv_TestBody = FALSE]	car_PS_UplinkDirectTransfer (? ,tsc_RB3,cr_DeactPDP_ContextReqMO(?))	
53	DF18	CANCEL		(I)
54		AM?OTHERWISE [tcv_TestBody = TRUE]		
55	DFF2	CANCEL		(F)
56		UM?OTHERWISE [tcv_TestBody = TRUE]		
57	DFF3	CANCEL		(F)
58		TM?OTHERWISE [tcv_TestBody = TRUE]		
59	DFF4	CANCEL		(F)
60		Dc? RRC_DataInd [tcv_TestBody = TRUE]	car_PS_UplinkDirectTransfer (? ,tsc_RB3,cr_DeactPDP_ContextReqMO(?))	
61	DF19	CANCEL		(F)
62		CRLC?OTHERWISE		
63	DFI5	CANCEL		(I)
64		CMAC?OTHERWISE		
65	DFI6	CANCEL		(I)
66		CPHY?OTHERWISE		
67	DFI7	CANCEL		(I)

3GPP TSG-T1 Meeting #25
 Malta, 2nd - 5th Nov ñ 2004

Tdoc # T1s040558

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3 CR 1179 # rev - #	Current version: 3.7.0 #

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Regression error corrections to TTCN deliveries of wk26 and wk31		
Source:	# MCC task160		
Work item code:	# N/A	Date:	# 24/08/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# Two TTCN regression tests to iWD-TVB2003-03_D04wk26 and D04wk31 took place. A number of error reports were received. The error corrections were undertaken, in order to get the concerned TCs working. This CR includes the error lists for the necessary changes so that the changes are documented.
Summary of change:	# Two Excell sheets ErrorList_wk26.xls, and ErrorList_wk31.xls are included. The two lists can also be found in the TTCN deliveries iWD-TVB2003-03_D04wk31, wk23 and wk34.
Consequences if not approved:	# The TTCN corrections would not have the documentations for validation.

Clauses affected:	#								
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center; font-size: x-small;">Y</td> <td style="text-align: center; font-size: x-small;">N</td> </tr> <tr> <td style="text-align: center;"># <input type="checkbox"/></td> <td style="text-align: center;"># <input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"># <input type="checkbox"/></td> <td style="text-align: center;"># <input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"># <input type="checkbox"/></td> <td style="text-align: center;"># <input checked="" type="checkbox"/></td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	# <input type="checkbox"/>	# <input checked="" type="checkbox"/>	# <input type="checkbox"/>	# <input checked="" type="checkbox"/>	# <input type="checkbox"/>	# <input checked="" type="checkbox"/>
Y	N								
# <input type="checkbox"/>	# <input checked="" type="checkbox"/>								
# <input type="checkbox"/>	# <input checked="" type="checkbox"/>								
# <input type="checkbox"/>	# <input checked="" type="checkbox"/>								
Other comments:	#								

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1180 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	# Modification to MAC Package 2 test case 7.1.3.1		
Source:	# Anite		
Work item code:	# N/A	Date:	# 25/08/04
Category:	# F	Release:	# R99
	<i>Use <u>one</u> of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use <u>one</u> of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change: #	<p>1. As per 34.123-1 initial Condition for test case 7.1.3.1:</p> <p>7.1.3.1.4 Method of test</p> <p>Initial conditions</p> <p>System Simulator:</p> <ul style="list-style-type: none"> - 1 cell, default parameters, Ciphering Off. <p>User Equipment:</p> <ul style="list-style-type: none"> - The UE shall operate under normal test conditions, Ciphering Off. - The Test-USIM shall be inserted. <p>With the current TTCN implementation a user will be able to start the test case even if PIXIT px_CipheringOnOff is set to TRUE.</p> <p>Thus PIXIT px_CipheringOnOff checking is required at the beginning of the test case.</p> <p>2. In test step pr_CloseUE_TestLoop, always tsc_RB20 RB ID is sent in CLOSEUETESTLOOP message to UE. However if CN Domain tested is cs_domain then tsc_RB10 should be sent in CLOSEUETESTLOOP message to the UE.</p>
Summary of change: #	<ol style="list-style-type: none"> 1. In test case body of tc_7_1_3_1 after the guard timer is started, at line 2, PIXIT px_CipheringOnOff is checked. If the PIXIT is set to FALSE test case proceeds, else an Inconclusive verdict is assigned at line 14. 2. Test step pr_CloseUE_TestLoop is modified to use tsc_RB20 RB ID for ps_domain and tsc_RB10 RB ID for cs_domain.

Consequences if not approved: ⌘ Test Case may Fail a conformant UE.

Clauses affected: ⌘

	Y	N		⌘
Other specs affected:		X	Other core specifications	
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change

Test step name	tc_7_1_3_1
Reason for change	<p>As per 34.123-1 initial Condition for test case 7.1.3.1:</p> <p>7.1.3.1.4 Method of test</p> <p>Initial conditions</p> <p>System Simulator:</p> <ul style="list-style-type: none">- 1 cell, default parameters, Ciphering Off. <p>User Equipment:</p> <ul style="list-style-type: none">- The UE shall operate under normal test conditions, Ciphering Off.- The Test-USIM shall be inserted. <p>With the current TTCN implementation a user will be able to start the test case even if PIXIT px_CipheringOnOff is set to TRUE.</p> <p>Thus PIXIT px_CipheringOnOff checking is required at the beginning of the test case.</p>
Summary of change	In test case body of tc_7_1_3_1 after the guard timer is started, at line 2, PIXIT px_CipheringOnOff is checked. If the PIXIT is set to FALSE test case proceeds, else an Inconclusive verdict is assigned at line 14.
Source of change	New change

Before:

Test Case					
Test Case Id:	tc_7_1_3_1				
Test Group Reference:	MAC/PriorityHandlingBetweenDataFlowsOfOneUE/				
Purpose:	To verify that the UE Prioritises signalling to data on a lower priority logical channel				
Configuration:					
Defaults:	RRC_Def1,RLC_Default				
Comments:	TS 25.321 clause 11.4 25.301 clause 5.3.1.2				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comment
1		START t_Guard(300)			
2		[px_RAT = fdd]			
3		+pr_GenericSetupProcedures			
4		+ts_RRC_SetUpRAB_UM_7_RLC (tsc_DefaultCellId, tcv_RAB_Id, cbs_DefaultRLC_InfoUM)			Step 3-4
5		+pr_CloseUE_TestLoop(tsc_UL_SDU_Size7_1_3_1)			Step 5-6
6	TBS	(tcv_TestBody := TRUE)			
7		+lt_LocalTest			
8	TBE	(tcv_TestBody := FALSE)		(P)	
9		+ts_TC_DeactivateRB_TestMode(tsc_DefaultCellId)			
10		+po_ConnectionAndSS_Rel(tsc_DefaultCellId)			
11		[px_RAT = tdd]		I	
12		[TRUE]		I	

After:

Test Case Id:	tc_7_1_3_1				
Test Group Reference:	MAC/PriorityHandlingBetweenDataFlowsOfOneUE/				
Purpose:	To verify that the UE Prioritises signalling to data on a lower priority logical channel				
Configuration:					
Defaults:	RRC_Def1,RLC_Default				
Comments:	TS 25.321 clause 11.4 25.301 clause 5.3.1.2				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comment
1		START t_Guard(300)			
2		[px_CipheringOnOff = FALSE]			
3		[px_RAT = fdd]			
4		+pr_GenericSetupProcedures			
5		+ts_RRC_SetUpRAB_UM_7_RLC (tsc_DefaultCellId, tcv_RAB_Id, cbs_DefaultRLC_InfoUM)			Step 3-4
6		+pr_CloseUE_TestLoop(tsc_UL_SDU_Size7_1_3_1)			Step 5-6
7	TBS	(tcv_TestBody := TRUE)			
8		+lt_LocalTest			
9	TBE	(tcv_TestBody := FALSE)		(P)	
10		+ts_TC_DeactivateRB_TestMode(tsc_DefaultCellId)			
11		+po_ConnectionAndSS_Rel(tsc_DefaultCellId)			
12		[px_RAT = tdd]		I	
13		[TRUE]		I	
14		[TRUE]		I	

1.2 Change

Test step name	pr_CloseUE_TestLoop
Reason for change	In test step pr_CloseUE_TestLoop, always tsc_RB20 RB ID is sent in CLOSEUETESTLOOP message to UE. However if CN Domain tested is cs_domain then tsc_RB10 should be sent in CLOSEUETESTLOOP message to the UE.
Summary of change	Test step pr_CloseUE_TestLoop is modified to use tsc_RB20 RB ID for ps_domain and tsc_RB10 RB ID for cs_domain.
Source of change	New change

Before:

Test Step					
Test Step Id:	pr_CloseUE_TestLoop(p_LB_Size: INTEGER)				
Test Step Group Ref:	Preambles/				
Objective:					
Defaults:					
Comments:	<p>This preamble is used to close the UE test loop mode, for the default cellId (tsc_CellA), and the default RB used forMAC testing.</p> <p>Parameters: p_LB_Size: The uplink RLC SDU size in bits. This value will be represented as a 14 bit value in the LB Setup IE, so the valid range is from 0..16383.</p> <p>Test case variables affected: tcv_UE_TestLoopClosed will be set to TRUE by this test step.</p>				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comme
1		<pre>+ts_TC_CloseUE_TestLoop(tsc_DefaultCellId, tsc_UE_TestLoopMode1, c_UE_TestLoopMode1_LB_Setup(p_LB_Size, tsc_RB20))</pre>			

After:

Test Step					
Test Step Id:	pr_CloseUE_TestLoop(p_LB_Size: INTEGER)				
Test Step Group Ref:	Preambles/				
Objective:					
Defaults:					
Comments:	<p>This preamble is used to close the UE test loop mode, for the default cellId (tsc_CellA), and the default RB used forMAC testing.</p> <p>Parameters: p_LB_Size: The uplink RLC SDU size in bits. This value will be represented as a 14 bit value in the LB Setup IE, so the valid range is from 0..16383.</p> <p>Test case variables affected: tcv_UE_TestLoopClosed will be set to TRUE by this test step.</p>				
Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comn
0		[tcv_CN_Domain = ps_domain]			
1		<pre>+ts_TC_CloseUE_TestLoop(tsc_DefaultCellId, tsc_UE_TestLoopMode1, c_UE_TestLoopMode1_LB_Setup(p_LB_Size, tsc_RB20))</pre>			
0		[tcv_CN_Domain = cs_domain]			
1		<pre>+ts_TC_CloseUE_TestLoop(tsc_DefaultCellId, tsc_UE_TestLoopMode1, c_UE_TestLoopMode1_LB_Setup(p_LB_Size, tsc_RB10))</pre>			

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3 CR 1181 # rev - #	Current version: 3.7.0 #

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to NAS test cases 9.4.2.3 (P2), 9.4.2.4 Proc 2 (P2), and 12.4.1.1a (P1)		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 24/08/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# To correct approved NAS test cases 9.4.2.3, 9.4.2.4 Proc 2, and 12.4.1.1a for the sending of SIB4. In these test cases one or more IEs are changed in SIB3; as these IEs are not omitted in SIB4, this SIB needs to be changed the same way.
Summary of change:	# This document lists all changes applied to NAS test cases 9.4.2.3, 9.4.2.4 Proc 2, and 12.4.1.1a required for correction. See detailed change description for further information.
Consequences if not approved:	# Test case may fail conformant UE.

Clauses affected:	# N/A						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications	Y	N	#	X	#	
Y	N						
#	X						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Test specifications	#	X	#			
#	X						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> O&M Specifications	#	X	#			
#	X						
Other comments:	# MCC160 have already implemented this change in their ATS week 34 release as error correction ER1955.						

How to create CRs using this form:

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downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Change 1

Test step	tc_9_4_2_3
Reason for change	In this test case one IE is changed in SIB3; as this IE is not omitted in SIB4, this SIB needs to be changed the same way.
Summary of change	1. test step It_ChangeSIB3 renamed to It_ChangeSIB3and4 (when used and when specified) 2. change applied to SIB3 applied to SIB4 as well
Source of change	new change

Before Change:

10	+ It_ChangeSIB3	@SIC VB ER1875 SIC@
It_ChangeSIB3		
31	+ ts_UTRAN_GERAN_Paralnit(tsc_CellA)	
32	+ ts_CellDependentPara (tsc_CellA)	
33	(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)	
34	+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellA, tcv_SIB3, tcv_SIB4, tsc_Now)	
35	+ ts_UTRAN_GERAN_Paralnit(tsc_CellB)	
36	+ ts_CellDependentPara (tsc_CellB)	
37	(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)	
38	+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellB, tcv_SIB3, tcv_SIB4, tsc_Now)	

After Change:

10	+ It_ChangeSIB3and4	@SIC VB ER1875 SIC@ @SIC EW ER1955 SIC@
It_ChangeSIB3and4		
31	+ ts_UTRAN_GERAN_Paralnit(tsc_CellA)	
32	+ ts_CellDependentPara (tsc_CellA)	
33	(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)	
34	(tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)	@SIC EW ER1955 SIC@
35	+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellA, tcv_SIB3, tcv_SIB4, tsc_Now)	
36	+ ts_UTRAN_GERAN_Paralnit(tsc_CellB)	
37	+ ts_CellDependentPara (tsc_CellB)	
38	(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)	
39	(tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)	@SIC EW ER1955 SIC@
40	+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellB, tcv_SIB3, tcv_SIB4, tsc_Now)	

Change 2

Test step	tc_9_4_2_4_2
Reason for change	In this test case one IE is changed in SIB3; as this IE is not omitted in SIB4, this SIB needs to be changed the same way.
Summary of change	1. test step It_ChangeSIB3 renamed to It_ChangeSIB3and4 (when used and when specified) 2. change applied to SIB3 applied to SIB4 as well
Source of change	new change

Before Change:

9		It_ChangeSIB3		@SIC VB ER1875 SIC@
It_ChangeSIB3				
21		+ ts_UTRAN_GERAN_Paralnit(tsc_CellA)		
22		+ ts_CellDependentPara (tsc_CellA)		
23		(tcv_SIB3.cellSelectReselectInfo.modeSpecifcInfo.fdd.s_Intrasearch :=10)		
24		+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellA, tcv_SIB3, tcv_SIB4, tsc_Now)		
25		+ ts_UTRAN_GERAN_Paralnit(tsc_CellB)		
26		+ ts_CellDependentPara (tsc_CellB)		
27		(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10)		
28		+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellB, tcv_SIB3, tcv_SIB4, tsc_Now)		

After Change:

9		+ It_ChangeSIB3and4		@SIC VB ER1875 SIC@ @SIC EW ER1955 SIC@
It_ChangeSIB3and4				
21		+ ts_UTRAN_GERAN_Paralnit(tsc_CellA)		
22		+ ts_CellDependentPara (tsc_CellA)		
23		(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10)		
24		(tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10)		@SIC EW ER1955 SIC@
25		+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellA, tcv_SIB3, tcv_SIB4, tsc_Now)		
26		+ ts_UTRAN_GERAN_Paralnit(tsc_CellB)		
27		+ ts_CellDependentPara (tsc_CellB)		
28		(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10)		
29		(tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10)		@SIC EW ER1955 SIC@
30		+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellB, tcv_SIB3, tcv_SIB4, tsc_Now)		

Change 3

Test step	tc_12_4_1_1a
Reason for change	In this test case 2 IEs are changed in SIB3; as these IEs are not omitted in SIB4, this SIB needs to be changed the same way.
Summary of change	1. test step It_ChangeSIB3 renamed to It_ChangeSIB3and4 (when used and when specified) 2. changes applied to SIB3 applied to SIB4 as well
Source of change	new change

Before Change:

5		+ It_ChangeSIB3		@sic VB ER1875 sic@
---	--	-----------------	--	---------------------

It_ChangeSIB3			
80	+ ts_UTRAN_GERAN_Paralnit(tsc_CellA)		
81	+ ts_CellDependentPara (tsc_CellA)		
82	(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10, tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)		
83	+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellA, tcv_SIB3, tcv_SIB4, tsc_Now)		
84	+ ts_UTRAN_GERAN_Paralnit(tsc_CellB)		
85	+ ts_CellDependentPara (tsc_CellB)		
86	(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10, tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)		
87	+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellB, tcv_SIB3, tcv_SIB4, tsc_Now)		
88	+ ts_UTRAN_GERAN_Paralnit(tsc_CellD)		
89	+ ts_CellDependentPara (tsc_CellD)		
90	(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10, tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)		
91	+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellD, tcv_SIB3, tcv_SIB4, tsc_Now)		

After Change:

5	+ ChangeSIB3and4	@sic VB ER1875 sic@ @SIC EW ER1955 SIC@
---	-------------------------	--

It_ChangeSIB3and4			
80	+ ts_UTRAN_GERAN_Paralnit(tsc_CellA)		
81	+ ts_CellDependentPara (tsc_CellA)		
82	(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10, tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)		
83	(tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10, tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)	@SIC EW ER1955 SIC@	
84	+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellA, tcv_SIB3, tcv_SIB4, tsc_Now)		
85	+ ts_UTRAN_GERAN_Paralnit(tsc_CellB)		
86	+ ts_CellDependentPara (tsc_CellB)		
87	(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10, tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)		
88	(tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10, tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)	@SIC EW ER1955 SIC@	
89	+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellB, tcv_SIB3, tcv_SIB4, tsc_Now)		
90	+ ts_UTRAN_GERAN_Paralnit(tsc_CellD)		
91	+ ts_CellDependentPara (tsc_CellD)		
92	(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10, tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)		
93	(tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intrasearch :=10, tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.s_Intersearch := 10)	@SIC EW ER1955 SIC@	
94	+ ts_SysInfoModifySIB3_And4_RRC (tsc_CellD, tcv_SIB3, tcv_SIB4, tsc_Now)		

CHANGE REQUEST

34.123-3 CR 1182 # rev - # Current version: **3.7.0**

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to Package 3 SMS test case 16.2.1.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 20/08/04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	#	<p>1) In line 3 the local tree It_EmptyStorage(TRUE) is called to empty the storage of the UE. Further on the SMS message storage is emptied a second time within the It_AT_Init at line 10 without sending SMS in between. Thus the previous step at line 3 is not necessary.</p> <p>2) According to the test procedure part e) a maximum of 3 CP-DATA retransmissions may occur. In the ATS it is possible to adjust this value with the pixit px_MaxCP_DataRetx. Thus it is possible to allow a UE to send more than this maximum.</p> <p>If a mobile retransmits CP-DATA more than 3 times, then the test case will pass a non conformant UE by setting the value of pixit px_MaxCP_DataRetx incorrectly. (Occurs for step 45 and 86)</p>
Summary of change:	#	<p>1) Removed call to It_EmptyStorage(TRUE) at line 3 from the test case body.</p> <p>2) A note is added for the pixit px_MaxCP_DataRetx specifying the valid range for the pixit is 1 to 3.</p>
Consequences if not approved:	#	Test case may pass a non conformant UE.

Clauses affected:	#	None						
Other specs affected:	#	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications #	Y	N	#	X	#	X
Y	N							
#	X							
#	X							

Other comments: ⌘

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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1.1 Change 1

Test Step	tc_16_2_1
Reason for change	1) In line 3 the local tree It_EmptyStorage(TRUE) is called to empty the storage of the UE. Further on the SMS message storage is emptied a second time within the It_AT_Init at line 10 without sending SMS in between. Thus the previous step at line 3 is not necessary.
Summary of change	1) Removed call to It_EmptyStorage(TRUE) at line 3 from the test case body.
Source of change	New change

Before:

1	START t_Guard(1200)		
2	+ts_MM_PwrOrUSIM_On(tsc_USIM_NeedRmv)		Activate the UE @sic EW ER 1526 sic@
3	+It_EmptyStorage(TRUE)		
4	(tcv_RP_OrigAddrMT='1111111111'O, tcv_TP_OrigAddr01='3333333333'O, tcv_RP_MsgRef:= '00'O)		

After:

1	START t_Guard(1200)		
2	+ts_MM_PwrOrUSIM_On(tsc_USIM_NeedRmv)		Activate the UE @sic EW ER 1526 sic@
3	(tcv_RP_OrigAddrMT='1111111111'O, tcv_TP_OrigAddr01='3333333333'O, tcv_RP_MsgRef:= '00'O)		
4	+ts_RRC_InitVariablesPS(cell_DCH)		@sic EW CR T1s040313 draft sic@

1.2 Change 2

Test Step	px_MaxCP_DataRetx
Reason for change	According to the test procedure part e) a maximum of 3 CP-DATA retransmissions may occur. In the ATS it is possible to adjust this value with the pixit px_MaxCP_DataRetx. Thus it is possible to allow a UE to send more than this maximum. If a mobile retransmits CP-DATA more than 3 times, then the test case will pass a non conformant UE by setting the value of pixit px_MaxCP_DataRetx incorrectly.(Occurs for step 45 and 86)
Summary of change	A note is added specifying the valid range for the pixit is 1 to 3.
Source of change	New change

Before:

px_MaxCP_DataRetx	INTEGER	PIXIT Table B.4	max. number of CP data retransmissions for SMS
-------------------	---------	-----------------	--

After:

px_MaxCP_DataRetx	INTEGER	PIXIT Table B.4	max. number of CP data retransmissions for SMS Valid Range: 1 to 3
-------------------	---------	-----------------	---

CR-Form-v7
CHANGE REQUEST
¶ 34.123-3 CR 1183 ¶ rev - ¶ Current version: 3.7.0 ¶

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ¶ symbols.

Proposed change affects: UICC apps ¶ ME ¶ Radio Access Network ¶ Core Network ¶

Title:	¶	Correction to GCF P1 test case 8.3.1.1
Source:	¶	Anritsu Ltd
Work item code:	¶	N/A
	Date: ¶	18/08/2004
Category:	¶	F
		Release: ¶ R99
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	
	Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)	

Reason for change:	¶	To reconfigure the RLC PU size after the last CellUpdate procedure to ensure the rrcConnectionRelease Message is sent out properly by the SS.
Summary of change:	¶	
Consequences if not approved:	¶	Test case will fail.

Clauses affected:	¶	N/A								
Other specs affected:	¶	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications ¶ Test specifications ¶ O&M Specifications ¶	Y	N	X	X	X	X	X	X
Y	N									
X	X									
X	X									
X	X									
Other comments:	¶									

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- 1) Fill out the above form. The symbols above marked ¶ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

Title	Correction to GCF P1 test case 8.3.1.1
Source	Anritsu
Agenda Item	N/A
Document for	Approval
Contact	Dan Fox (Anritsu) dan.fox@eu.anritsu.com Tel: +44 1582 433357

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1 Overview

This document details the changes required. This test case has been tested according to the configuration stated below:-

Reference document	TS 34.123-1 version 5.8.0 TS34.108 version 5.1.0
Referenced CRs	None
Based ATS suite	iWD-TVB2003-03_D04wk31
Integrity	Enabled
Ciphering	Disabled
Path tested	CS and PS

2 Tables added to iWD-TVB2003-03_D04wk31

None

3 Tables Modified to iWD-TVB2003-03_D04wk31

Reason for change:

After the last CellUpdateConfirm, the SS and UE will stop using the URNTI, instead they will use the new C-RNTI. As result, the PU size for SRB2 must be reconfigured (increased from 120 to 136) due to the change of RNTI.

Changes made:

Line 39, ts_CMAC_New_RNTI_Reconf (**TRUE**, tsc_Cella, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI) changed to +ts_CMAC_New_RNTI_Reconf (**FALSE**, tsc_Cella, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI

Test Case	
	tc_8_3_1_1
Reference:	RRC/RRC_CellUpdate/
	1. To confirm that the UE executes a cell update procedure after the successful reselection UTRA cell. 2. To confirm that the UE sends the correct uplink response message when executing procedure due to cell reselection
	RRC_Def1

Behaviour Description	Constraint Ref	Verdict
ART t_Guard		
px_RAT=fdd]		
+lt_RRC_InitVariables		
(tcv_SIB1 := cb_SIB1_Def (tcv_CellInfoA))		
(tcv_SIB1.ue_ConnTimersAndConstants.t_312 := 2)		
+pr_GotoState6_11_MO_NewSIB1 (tsc_Cella, v_SIB1)		
+ts_SS_CreateCellFACH (tsc_CellB)		
(tcv_SIB1 := cb_SIB1_Def (tcv_CellInfoB))		

(tcv_SIB1.ue_ConnTimersAndConstants.t_312 :=)			
+ts_SendDefSysInfo_NewSIB1 (tsc_CellB, v_SIB1)			
(tcv_TestBody:=TRUE)			
+lt_TestBody			
+ts_C2_CheckCellFACH (tsc_Cella)			
(tcv_TestBody:=FALSE)			
+po_ConnectionAndSS_Rels			
px_RAT=tdd]			I
TRUE]			I
s_SS_SwitchCellPowerLevels (tsc_Cella, tsc_CellB)			
ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellB, r_CellUpdateAny (tcv_CellInfoA.uRNTI, llReselection), (tsc_MaxCampingTime * 1000))			
+ts_HO_ReconfFACH_ToFACH (tsc_Cella,tsc_CellB)			
+ ts_CMACE_New_RNTI_Reconf (TRUE, c_CellB,tcv_CellInfoA.uRNTI, tcv_CellInfoB.cRNTI)			
UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, OMIT, cell_FACH , OMIT, OMIT, OMIT))		

+ts_RRC_ReceiveCellUpdateNonPeriodic (c_CellB, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, llReselection), (1000))			
(tcv_CellInfoB.cRNTI := tsc_New_CRNTI2)			
UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tcv_CellInfoB.cRNTI, cell_FACH , OMIT, OMIT, OMIT))		
+ts_CMACE_NewU_RNTI_Reconf (tsc_CellB, v_CellInfoB.uRNTI, tcv_CellInfoB.cRNTI)			
START t_WaitS			
? TIMEOUT t_WaitS			(F)
AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf (tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))		(P)
(tcv_K:=0)			
+lt_Loop_Steps_6To28			
+ts_RRC_Delay (500)			
+ts_SS_SwitchCellPowerLevels (c_CellA, tsc_CellB)			
+ts_RRC_ReceiveCellUpdateNonPeriodic sc_CellB, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, llReselection),15000)			
+ts_SS_SwitchCellPowerLevels (c_CellA, tsc_CellB)			
+ts_RRC_ReceiveCellUpdateNonPeriodic sc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, llReselection),15000)			
+ts_CMACE_New_RNTI_Reconf (TRUE, c_CellA, v_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			
UM ! RLC_UM_DATA_REQ cv_CellInfoA.cRNTI := tsc_New_CRNTI2)	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (

	tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tsc_New_CRNTI2, cell_FACH , OMIT, OMIT , OMIT))	
+ts_CMAC_NewU_RNTI_Reconf se_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI		
<u>+ts_CMAC_New_RNTI_Reconf (FALSE, c_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)</u>		
START t_WaitS		
? TIMEOUT t_WaitS		(F)
AM ? RLC_AM_DATA_IND CANCEL	car_RRC_UtranMobilityInfoCnf (	(P)
WaitS	tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfoCnf (
	tcv_RRC_Ti))	
;To28		
s_RRC_Delay (500)		
ts_SS_SwitchCellPowerLevels (tsc_CellA, tsc_CellB)		
+lt_Rcv_CellUpdate_Step7to28		
+lt_Send_CellUpdCnf_Step8to27		
(tcv_K := tcv_K + 1)		
[tcv_K < 5]		
GOTO TEST_LOOP		
[TRUE]		
;te_Step7to28		
(tcv_K = 0) OR (tcv_K = 2) OR (tcv_K =4)]		
ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, r_CellUpdateAny (tcv_CellInfoB.uRNTI, llReselection),15000)		
+ts_HO_ReconfFACH_ToFACH (tsc_CellB,tsc_CellA)		

(tcv_K = 1) OR (tcv_K = 3)]			
ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellB, r_CellUpdateAny (tcv_CellInfoA.uRNTI, llReselection) ,15000)			
+ts_HO_ReconfFACH_ToFACH (tsc_CellA,tsc_CellB)			
RUE]		I	
iCnf_Step8to27			
cv_K=0]			
ts_CMACE_New_RNTI_Reconf (TRUE, c_CellA,tcv_CellInfoB.uRNTI, tcv_CellInfoA.cRNTI)			
UM ! RLC_UM_DATA_REQ cv_CellInfoA.uRNTI:=c_U_RNTI_4, v_CellInfoA.cRNTI := tsc_CRNTI_Id2)	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (
+ ts_CMACE_NewU_RNTI_Reconf (tsc_CellA, U_RNTI_4, tsc_CRNTI_Id2)	tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, c_U_RNTI_4, tsc_CRNTI_Id2, cell_FACH , OMIT, OMIT , OMIT))		
START t_WaitS			
? TIMEOUT t_WaitS		(F)	
AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf (	(P)	
	tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfoCnf (
	tcv_RRC_Ti))		
cv_K=1]			
ts_CMACE_New_RNTI_Reconf (TRUE, tsc_CellB, v_CellInfoA.uRNTI, tcv_CellInfoB.cRNTI)			
UM ! RLC_UM_DATA_REQ cv_CellInfoB.uRNTI := tcv_CellInfoA.uRNTI)	cas_RRC_CellUpdateCnf (
	tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (
	tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, OMIT, cell_DCH ,		
	c_UL_ChannelRequirement (
	cb_UL_DPCH_Info (
	tsc_UL_DPDCH_SF_64k_PS , p10_96 ,		

	<pre> tcv_CellInfoB.uL_ScramblingCode)), (c_DL_CommonInformationDCH_DPCH_Offset (tsc_DL_DPCH1_SFP_64k_PS)) , (c_DL_InfoPerRL_DPCH_Offset (tcv_CellInfoB.priScrmCode, tsc_DL_DPCH1_2ndScrC, tsc_DL_DPCH1_ChC_64k_PS)))) </pre>		
+ts_RRC_Delay (500)			
+ts_SS_ReConfFACH_ToDCH (tsc_CellB)			
+ts_RRC_ReceivePhyChReconfCmpl sc_CellB, tcv_RRC_RAB_Type)			
AM ! RLC_AM_DATA_REQ	<pre> cas_PhyChReconf (tsc_CellDedicated, tsc_RB2, cbs_108_PhyChReconf64k_PS_DCH_ToFACH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_CellInfoB.frequencyInfo, tcv_CellInfoB.priScrmCode, tcv_CellInfoB.crNTI)) </pre>	(P)	
+ ts_RRC_Delay (tsc_WaitBeforeFACH_Conf)			
+ts_SS_ReconfDCH_ToFACH (tsc_CellB)			
+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA, v_RRC_RAB_Type)			
cv_K=2]			
ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, v_CellInfoB.urNTI, tcv_CellInfoA.crNTI)			
UM ! RLC_UM_DATA_REQ cv_CellInfoA.urNTI := tcv_CellInfoB.urNTI)	<pre> cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cs_CellUpdateCnfDCCH_FACH_ToDCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_CellInfoA.frequencyInfo, tcv_CellInfoA.priScrmCode, tcv_CellInfoA.uL_ScramblingCode)) </pre>		
+ts_RRC_Delay (500)			
+ts_SS_ReConfFACH_ToDCH (tsc_CellA)			
+ ts_RRC_ReceiveTrChReconfCmpl (tsc_CellA, v_RRC_RAB_Type)			
AM ! RLC_AM_DATA_REQ	<pre> cas_PhyChReconf (tsc_CellDedicated, </pre>		

	<pre>tsc_RB2, cbs_108_PhyChReconf64k_PS_DCH_ToFACH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_CellInfoA.frequencyInfo, tcv_CellInfoA.priScrmCode, tcv_CellInfoA.cRNTI))</pre>		
+ ts_RRC_Delay (tsc_WaitBeforeFACH_Conf)			
+ts_SS_ReconfDCH_ToFACH (tsc_CellA)			
+ts_RRC_ReceivePhyChReconfCmpl sc_CellA,tcv_RRC_RAB_Type)			
cv_K=3]			
ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellB, v_CellInfoA.uRNTI, tcv_CellInfoB.cRNTI)			
UM ! RLC_UM_DATA_REQ cv_CellInfoB.uRNTI := tcv_CellInfoA.uRNTI)	<pre>cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cs_CellUpdateCnfGenericDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tcv_CellInfoB.cRNTI, cell_FACH, OMIT, c_RB_Affected8_3_1_1 (tsc_RB20, tsc_UL_DTCH1, tsc_UL_MAC_Prt5, tsc_DL_DTCH1), OMIT, OMIT, OMIT , c_RB_InfoReconfigList20_PS))</pre>		
+ ts_CMAC_NewU_RNTI_Reconf (tsc_CellB, v_CellInfoB.uRNTI, tcv_CellInfoB.cRNTI)			
+ ts_RRC_ReceiverB_ReconfigCmpl (tsc_CellB)			
cv_K=4]			
ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, v_CellInfoB.uRNTI, tcv_CellInfoA.cRNTI)			
UM ! RLC_UM_DATA_REQ cv_CellInfoA.cRNTI := tsc_CRNTI_Id2)	<pre>cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cs_CellUpdateCnfGenericDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti,</pre>		

	<pre> OMIT, tsc_CRNTI_Id2, cell_FACH, c_RB_RlsList4, OMIT, OMIT, OMIT, OMIT, OMIT) </pre>	
<pre> + ts_CMAC_NewU_RNTI_Reconf (tsc_Cella, v_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI) </pre>		
<pre> + ts_RRC_ReceiveRB_RelCmpl (tsc_CellB, v_RRC_RAB_Type) </pre>		
RUE]		I
ables		
s_RRC_InitVariablesPS (cell_FACH)		
<pre> v_CellInfoA.attenuationLevel := c_AttLevToPower60_dBm, v_CellInfoB.attenuationLevel := c_AttLevToPower69_dBm </pre>		

it:

3GPP TSG-T1 Meeting #25
 Malta, 2nd - 5th Nov ñ 2004

Tdoc # T1s040699

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3 CR 1184 # rev - #	Current version: 3.7.0 #

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Regression test error corrections to TTCN deliveries of wk42		
Source:	# MCC task160		
Work item code:	# N/A	Date:	# 29/11/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# TTCN regression tests to iWD-TVB2003-03_D04wk42 took place. A number of error reports were received. The error corrections were undertaken in iWD-wk45, in order to get the concerned TCs working. This CR includes the error list for the necessary changes so that the changes are documented.
Summary of change:	# An Excell sheet ErrorList_wk42.xls is included. The list can also be found in the TTCN deliveries iWD-TVB2003-03_D04wk45.
Consequences if not approved:	# The TTCN corrections would not have the documentations for validation.

Clauses affected:	#								
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X
Y	N								
#	X								
#	X								
#	X								
Other comments:	#								