

Source: T1
Title: Summary of TTCN CRs F category to 34.123-3 for approval
Agenda item: 6.1.3
Document for: Approval

This document contains the TTCN CRs F category to 34.123-3. 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>Cat</i>	<i>Version-Current</i>	<i>Version-New</i>
T1s050063	1211	-		Summary of regression errors in the wk04 ATS	F	3.8.0	5.0.0
T1s050062	1212	-		Summary of regression errors in the wk04 ATS.	F	3.8.0	5.0.0
T1s050040	1213	-		Correction to RRC P2 TC 8.4.1.7	F	3.8.0	5.0.0
T1s050061	1214	-		Summary of regression errors in the wk04 ATS.	F	3.8.0	5.0.0
T1s050058	1215	-		Summary of regression errors in the wk04 ATS.	F	3.8.0	5.0.0
T1s050052	1216	-		Correction to approved package 4 NAS Test case 12_6_1_3_3	F	3.8.0	5.0.0
T1s050051	1217	-		Correction to Approved RRC Package 3 TC 8.4.1.38	F	3.8.0	5.0.0
T1s050053	1218	-		Correction to Approved NAS Package 3 TC 9.4.7	F	3.8.0	5.0.0
T1s050050	1219	-		Correction to Approved RRC Package 2 TC 8.3.7.2 / 8.3.7.3	F	3.8.0	5.0.0
T1s050048	1220	-		Correction to Approved RRC Package 3 TC 8.4.1.36	F	3.8.0	5.0.0
T1s050042	1221	-		Correction to Approved IR_U Package 2 test case 6.2.2.1	F	3.8.0	5.0.0
T1s050043	1222	-		Correction to Approved IR_U Package 4 Test Case 8.3.7.12	F	3.8.0	5.0.0
T1s050041	1223	-		Correction to test step "ts_AT_TerminateCall".	F	3.8.0	5.0.0
T1s050027	1224	-		Wk51 regression error report on unapproved and approved Idlemode testcases 6.1.2.x	F	3.8.0	5.0.0
T1s050030	1225	-		Correction to approved package 3 NAS Test case 9_4_7	F	3.8.0	5.0.0

T1s050028	1226	-		Summary of regression errors in the wk51 ATS.	F	3.8.0	5.0.0
T1s050020	1227	-		Correction to RRC P1 TC 8.4.1.3	F	3.8.0	5.0.0
T1s050021	1228	-		Correction to RRC P2 TC 8.3.1.22 for removing check of "FOR" field value from ROUTING AREA UPDATING REQUEST message.	F	3.8.0	5.0.0
T1s050022	1229	-		Correction to Package 4 NAS test case 12.9.14	F	3.8.0	5.0.0
T1s050033	1230	-		Summary of regression errors in the wk51 ATS.	F	3.8.0	5.0.0
T1s050029	1231	-		Correction to 34.123-3, section 16, SMS test cases regarding Validity Period Formats	F	3.8.0	5.0.0
T1s050017	1232	-		Additional Corrections required for 14.4.2.2 test cases in the RAB ATS.	F	3.8.0	5.0.0
T1s050012	1233	-		Revised corrections to approved IR_U test cases 6_2_1_1, 6_2_1_7 and 6_2_1_8.	F	3.8.0	5.0.0
T1s040801	1234	-		Corrections required for "Combinations on SCCPCH" test cases in the RAB ATS.	F	3.8.0	5.0.0
T1s040797	1235	-		Correction to RRC P1 TC 8.4.1.5	F	3.8.0	5.0.0
T1s040765	1236	-		Additional Corrections Required for the wk47 ATS	F	3.8.0	5.0.0
T1s040773	1237	-		Correction to Package 4 NAS test case 12.2.1.5a Proc1	F	3.8.0	5.0.0
T1s040790	1238	-		Summary of regression errors in the wk49 ATS.	F	3.8.0	5.0.0
T1s040789	1239	-		Summary of regression errors in wk49 ATS.	F	3.8.0	5.0.0
T1s040788	1240	-		Correction to Approved RRC Package 4 TC 8.3.11.1	F	3.8.0	5.0.0
T1s040787	1241	-		Correction required to Package 4 NAS test case 12.9.13.	F	3.8.0	5.0.0
T1s040786	1242	-		Correction to approved GCF P4 NAS test case 12.9.8: improvement of incomplete implementation of T1-041930	F	3.8.0	5.0.0
T1s040774	1243	-		Correction to SIB1 contents for approved RRC Idle Mode and InterRAT test cases.	F	3.8.0	5.0.0
T1s040781	1244	-		Correction to Package 4 NAS test cases 12.4.3.4.	F	3.8.0	5.0.0
T1s040782	1245	-		Corrections to RRC Package 3 TC 8.4.1.26 to change the Downlink Power level settings of Cell A at Time Instant 'T1'.	F	3.8.0	5.0.0
T1s040783	1246	-		Correction to GMM Test cases for removing check of "FOR" field value from ATTACH REQUEST and ROUTING AREA UPDATING REQUEST messages. (Revision to TTCN CR T1s040763)	F	3.8.0	5.0.0
T1s040770	1247	-		Correction to RRC P1 TC 8.4.1.5 (Revision of T1s040739)	F	3.8.0	5.0.0

T1s040772	1248	-		Corrections required to rlc_SizeIndex in the RAB ATS	F	3.8.0	5.0.0
T1s040769	1249	-		Corrections to RRC 8.3.2.x for Special LI	F	3.8.0	5.0.0
T1s040768	1250	-		Summary of regression errors in the wk47 ATS.	F	3.8.0	5.0.0
T1s040760	1251	-		Summary of regression errors in the wk47 ATS.	F	3.8.0	5.0.0
T1s040752	1252	-		Correction to Package 2 RRC test case 8.3.2.11 to increase the wait time while checking that UE does not send URA Update.	F	3.8.0	5.0.0
T1s040753	1253	-		Correction to RRC Test Case 8.3.1.22.	F	3.8.0	5.0.0
T1s040761	1254	-		Correction to approved package 2 NAS Test case 9.4.2.3	F	3.8.0	5.0.0
T1s040762	1255	-		Corrections to RRC Package 1 TC 8.3.1.1 to add a delay before SS reconfigures MAC according to the new C-RNTI or U-RNTI assigned to UE.	F	3.8.0	5.0.0
T1s040750	1256	-		Summary of regression errors in the wk47 ATS.	F	3.8.0	5.0.0
T1s040758	1257	-		Corrections Required for the wk47 ATS	F	3.8.0	5.0.0
T1s040754	1258	-		Summary of regression errors in IR_U wk47 ATS.	F	3.8.0	5.0.0
T1s040742	1259	-		Correction to package 1 test case 8.3.4.3.	F	3.8.0	5.0.0
T1s040745	1260	-		Correction to approved package 4 NAS Test cases 12.2.1.6 proc1, 12.2.1.6 proc2 and 12.9.8	F	3.8.0	5.0.0

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1211 # rev - # Current version: **3.8.0**

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 wk04 ATS		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 15/02/2005
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 in TTCN as part of Regression on wk04 ATS.
Summary of change:	# This document lists all changes applied to wk04 required for testing of the approved test cases. See detailed change description for further information.
Consequences if not approved:	# Conformant UEs may fail the concerned 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:

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 SMS ATS

1.1 ts_GMM_PS_RegistrationForSMS

Test step name	ts_GMM_PS_RegistrationForSMS
Reason for change	MCC and MNC parameters passed in wrong order
Summary of change	Order of parameters MCC and MNC changed in lines 8 and 11
Source of change	New change

Before:

Test Step				
Test Step Id:	ts_GMM_PS_RegistrationForSMS (p_CellId: INTEGER)			
Test Step Group Ref:	GMM_Steps/			
Objective:	Contains the core GMM signalling for PS registration (see ts_GMM_IdleUpdated for detailed comments)			
Defaults:	NAS_OtherwiseFail			
Comments:				
Nr	Behaviour Description	Constraint Ref	Comments	
1	+ts_SetTmpCellInfo (p_CellId)			
2	Dc ? RRC_DataInd (tv_TmpAttachReqPDU := RRC_DataInd.msg, tv_TmpB3 := tv_TmpAttachReqPDU.attachType.type, tv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_M, c_RAI_Any_v, tv_PS_KeySeq))	ATTACH REQUEST - Extract Attach type requested @sic T1-031835 and T1-03xtc2 sic@ @sic EW CR T1s040313 draft sic@	
3	+ts_SS_SecurityDownloadStart (ps_domain, tv_Start)			
4	+it_GetOpMode			
5	+ts_GMM_Authentication (p_CellId)			AUTHENTICATION AND CIPHERING REQUEST AUTHENTICATION AND CIPHERING RESPONSE
6	+ts_RRC_Security (p_CellId, tv_PS_AuthCK, tv_PS_AuthIK, tv_AuthKcGSM, TRUE, ps_domain) [tv_UE_OpMode = opModeC]			SECURITY MODE COMMAND SECURITY MODE COMPLETE
7	[tv_UE_OpMode = opModeC]			
8	Dc ! RRC_DataReq (tv_AssignedPTMSI := px_PTMSI_Def)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAcc(c_GMM_AttachResult(001'B), c_RAI_y (tv_TmpCellInfo.mnc, tv_TmpCellInfo.mcc, tv_TmpCellInfo.lac, tv_TmpCellInfo.rac), c_PTMSI_SignatureDef, c_MobileIdPTMSI (px_PTMSI_Def), -))	ATTACH ACCEPT for PS only - Attach result 'GPRS attached' - RAI default (RAI-1) - P-TMSI-1 signature - MobileId P-TMSI-1 - omi1 TMSI	
9	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)	ATTACH COMPLETE	
10	[tv_UE_OpMode = opModeA]			
11	Dc ! RRC_DataReq (tv_AssignedPTMSI := px_PTMSI_Def, tv_AssignedTMSI := px_TMSI_Def)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAcc(c_GMM_AttachResult(011'B), c_RAI_y (tv_TmpCellInfo.mnc, tv_TmpCellInfo.mcc, tv_TmpCellInfo.lac, tv_TmpCellInfo.rac), c_PTMSI_SignatureDef, c_MobileIdPTMSI (px_PTMSI_Def), c_GMM_MobileIdTMSI (px_TMSI_Def)))	ATTACH ACCEPT for combined CS/PS - Attach result 'GPRS/MSI attached' - RAI default - P-TMSI signature - MobileId P-TMSI - default TMSI	
12	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)	ATTACH COMPLETE	

After:

Test Step			
Test Step Id:	ts_GMM_PS_RegistratForSMS (p_CellId: INTEGER)		
Test Step Group Ref:	GMM_Steps/		
Objective:	Contains the core GMM signalling for PS registration (see ts_GMM_jdieUpdated for detailed comments)		
Defaults:	NAS_OtherwiseFail		
Comments:			
Nr	Behaviour Description	Constraint Ref	Comments
1	+ts_SetTmpCellInfo (p_CellId)		
2	Dc ? RRC_DataInd (tev_TmpAttachReqPDU = RRC_DataInd.msg, tev_TmpB3 = tev_TmpAttachReqPDU.attachType.type, tev_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, c_AttachReq (c_AttachTypeAny, c_MobileIdAny_iv, c_RAI_Any_v, tev_PS_KeySeq))	ATTACH REQUEST - Extract Attach type requested @slc T1-031835 and T1-03xc2 slc@ @slc EW CR T1s040313 draft slc@
3	+ts_SS_SecurityDownloadStart (ps_domain, tev_Start)		
4	H1_GetOoMode		
5	+ts_GMM_Authentication (p_CellId)		AUTHENTICATION AND CIPHERING REQUEST AUTHENTICATION AND CIPHERING RESPONSE
6	+ts_RRC_Security (p_CellId, tev_PS_AuthCK, tev_PS_AuthIK, tev_AuthKcGSM, TRUE, ps_domain)		SECURITY MODE COMMAND SECURITY MODE COMPLETE
7	[tev_UE_OpMode = opModeC]		
8	Dc ! RRC_DataReq (tev_AssignedPTMSI = px_PTMSI_Def)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAcc(c_GMM_AttachResult('0015'), c_RAI_v (tev_TmpCellInfo.mcc, tev_TmpCellInfo.mnc, tev_TmpCellInfo.lac, tev_TmpCellInfo.rac), c_PTMSI_SignatureDef, c_MobileIdPTMSI (px_PTMSI_Def, -))	ATTACH ACCEPT for PS only - Attach result 'GPRS attached' - RAI default (RAI-1) - P-TMSI-1 signature - MobileId P-TMSI-1 - omit TMSI
9	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)	ATTACH COMPLETE
10	[tev_UE_OpMode = opModeA]		
11	Dc ! RRC_DataReq (tev_AssignedPTMSI = px_PTMSI_Def, tev_AssignedTMSI = px_TMSI_Def)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAcc(c_GMM_AttachResult('0115'), c_RAI_v (tev_TmpCellInfo.mcc, tev_TmpCellInfo.mnc, tev_TmpCellInfo.lac, tev_TmpCellInfo.rac), c_PTMSI_SignatureDef, c_MobileIdPTMSI (px_PTMSI_Def), c_GMM_MobileIdTMSI (px_TMSI_Def)))	ATTACH ACCEPT for combined CS/PS - Attach result 'GPRS/IMS attached' - RAI default - P-TMSI signature - MobileId P-TMSI - default TMSI
12	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)	ATTACH COMPLETE

2 NAS ATS

2.1 tc_9_4_1

Test case name	tc_9_4_1
Reason for change	Incorrect variable used in line 7
Summary of change	tcv_CellInfoB to be used instead of tcv_CellInfoA
Source of change	New change

Before:

Test Case					
Test Case Id:	tc_9_4_1				
Test Group Reference:	MM/LocationUpdating/Accepted/				
Purpose:	To test the behaviour of the UE if the network accepts the location updating of the UE. For the network response three different cases are identified:				
	1) TMSI is allocated, 2) Location updating accept contains neither TMSI nor IMSI, 3) Location updating accept contains IMSI.				
Configuration:					
Defaults:	NAS_OtherwiseFail				
Comments:	Initial Conditions of UE: The UE has a valid TMSI(TMSI1) and CKSN(CKSN1). It is "idle updated" on cell A. @sic EWT1-031759 sic@				
...	...	Behaviour Description	Constraint Ref	...	Comments
1		START_L_Guard(600)			
2		+ts_InitVariables			
3		+ts_MM_SetNMO_II			Set the NMO for all cells to NMO II @sic EWER 1586 sic@
4		(tcv_CN_Domain:= cs_domain)			Sets domain for testing
5		(tcv_CellInfoA.attFlag:= tsc_AttOn, tcv_CellInfoA.t3212:= tsc_T3212_1)			Set specific values for Cell A
6		+ts_MM_StartCellA			Start cell A
7		(tcv_CellInfoB.attenuationLevel:=tsc_AttenuationN onSuitableNeighbourCell, tcv_CellInfoB.lac:= tsc_LAC_2, tcv_CellInfoB.attFlag:= tsc_AttOn, tcv_CellInfoA.t3212:= tsc_T3212_1)			Set specific values for Cell B @sic EWER 2013 sic@
8		+ts_MM_StartCellB			Start cell B

After:

Test Case					
Test Case Id:	tc_9_4_1				
Test Group Reference:	MM/LocationUpdating/Accepted/				
Purpose:	To test the behaviour of the UE if the network accepts the location updating of the UE. For the network response three different cases are identified:				
	1) TMSI is allocated, 2) Location updating accept contains neither TMSI nor IMSI, 3) Location updating accept contains IMSI.				
Configuration:					
Defaults:	NAS_OtherwiseFail				
Comments:	Initial Conditions of UE: The UE has a valid TMSI(TMSI1) and CKSN(CKSN1). It is "idle updated" on cell A. @sic EWT1-031759 sic@				
...	...	Behaviour Description	Constraint Ref	...	Comments
1		START_L_Guard(600)			
2		+ts_InitVariables			
3		+ts_MM_SetNMO_II			Set the NMO for all cells to NMO II @sic EWER 1586 sic@
4		(tcv_CN_Domain:= cs_domain)			Sets domain for testing
5		(tcv_CellInfoA.attFlag:= tsc_AttOn, tcv_CellInfoA.t3212:= tsc_T3212_1)			Set specific values for Cell A
6		+ts_MM_StartCellA			Start cell A
7		(tcv_CellInfoB.attenuationLevel:=tsc_AttenuationN onSuitableNeighbourCell, tcv_CellInfoB.lac:= tsc_LAC_2, tcv_CellInfoB.attFlag:= tsc_AttOn, tcv_CellInfoB.t3212:= tsc_T3212_1)			Set specific values for Cell B @sic EWER 2013 sic@
8		+ts_MM_StartCellB			Start cell B

3 Inconsistent Usage of MMI Command Strings

3.1 ts_AT_InitEmergencyCall

Test step name	ts_AT_InitEmergencyCall in NAS module
Reason for change	MMI string contains leading and/or trailing spaces and/or typographical errors and/or formatting problems.
Summary of change	Leading and/or trailing spaces removed from MMI string and/or typographical errors and/or formatting problems corrected.
Source of change	New change

Before:

Test Step				
Test Step Id:	ts_AT_InitEmergencyCall			
Test Step Group Ref:	UT_Steps/			
Objective:	To request the operator to configure UE to initiate an emergency call with the number given as parameter. To request UE to initiate an MO call using the AT D command.			
Defaults:	UT_OtherwiseFail			
Comments:				
...	...	Behaviour Description	Constraint Ref	Comments
1		Ut! MMI_CmdReq	ca_NMI_CmdReq (o_ConcatStrg (Please configure UE to use the following emergency number (px_EmergencyCallNumber))	
2		Ut? MMI_CmdCnf	ca_NMI_CmdCnf	@sic T1-031761 sic@
3		(tcv_AT_Cmd := o_ConcatStrg("ATD", px_EmergencyCallNumber) , tcv_AT_Cmd := o_ConcatStrg(tcv_AT_Cmd,";") , tcv_AT_Cmd := o_ConcatStrg(tcv_AT_Cmd,"<CR>"))		@sic ER1577 sic@
4		Ut! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)	Step 1
5		Ut? AT_CmdCnf	ca_AT_CmdCnf	

After:

Test Step				
Test Step Id:	ts_AT_InitEmergencyCall			
Test Step Group Ref:	UT_Steps/			
Objective:	To request the operator to configure UE to initiate an emergency call with the number given as parameter. To request UE to initiate an MO call using the AT D command.			
Defaults:	UT_OtherwiseFail			
Comments:				
...	...	Behaviour Description	Constraint Ref	Comments
1		Ut! MMI_CmdReq	ca_NMI_CmdReq (o_ConcatStrg (Please configure UE to use the following emergency number (px_EmergencyCallNumber))	
2		Ut? MMI_CmdCnf	ca_NMI_CmdCnf	@sic T1-031761 sic@
3		(tcv_AT_Cmd := o_ConcatStrg("ATD", px_EmergencyCallNumber) , tcv_AT_Cmd := o_ConcatStrg(tcv_AT_Cmd,";") , tcv_AT_Cmd := o_ConcatStrg(tcv_AT_Cmd,"<CR>"))		@sic ER1577 sic@
4		Ut! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)	Step 1
5		Ut? AT_CmdCnf	ca_AT_CmdCnf	

3.2 ts_MMI_USIM_InsertTypeB

Test step name	ts_MMI_USIM_InsertTypeB in MAC module
Reason for change	MMI string contains leading and/or trailing spaces and/or typographical errors and/or formatting problems.
Summary of change	Leading and/or trailing spaces removed from MMI string and/or typographical errors and/or formatting problems corrected.
Source of change	New change

Before:

Test Step					
Test Step Id:	ts_MMI_USIM_InsertTypeB				
Test Step Group Ref:	MAC_UT_Steps/				
Objective:	To make the operator insert the USIM card of type B				
Defaults:	UT_OtherwiseFail				
Comments:					
...	...	Behaviour Descr...	Constraint Ref	...	Comments
1		Ut ! MMI_CmdReq	ca_MMI_CmdReq " Please insert the USIM card of type B into the UE"		
2		Ut ? MMI_CmdCnf	ca_MMI_CmdCnf		

After:

Test Step					
Test Step Id:	ts_MMI_USIM_InsertTypeB				
Test Step Group Ref:	MAC_UT_Steps/				
Objective:	To make the operator insert the USIM card of type B				
Defaults:	UT_OtherwiseFail				
Comments:					
...	...	Behaviour Descr...	Constraint Ref	...	Comments
1		Ut ! MMI_CmdReq	ca_MMI_CmdReq " Please insert the USIM card of type B into the UE"		
2		Ut ? MMI_CmdCnf	ca_MMI_CmdCnf		

3.3 ts_MMI_ChkCBS_Received

Test step name	ts_MMI_ChkCBS_Received in SMS module
Reason for change	MMI string contains leading and/or trailing spaces and/or typographical errors and/or formatting problems.
Summary of change	Leading and/or trailing spaces removed from MMI string and/or typographical errors and/or formatting problems corrected.
Source of change	New change

Before:

Test Step					
Test Step Id: ts_MMI_ChkCBS_Received(p_Msg:OCTETSTRING)					
Test Step Group Ref: NewTestSteps/					
Objective: To make the operator check a CBS message received					
Defaults: NAS_OtherwiseFail					
Comments: @SIC_NAPP					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		<pre> tcv_IA5_String1 := o_ConcatStrg("Please check the contents of the received CBS Message:", o-OctToIA5(p_Msg)) </pre>			
2		Ut MMI_CmdReq	ca_MMI_CmdReq (tcv_IA5_String1)		
3	TSP1	Ut ? MMI_CmdCnf	ca_MMI_CmdCnf	(P)	
4	TSP1	Ut ? MMI_CmdCnf	ca_MMI_CmdCnfNeg	(F)	

After:

Test Step					
Test Step Id: ts_MMI_ChkCBS_Received(p_Msg:OCTETSTRING)					
Test Step Group Ref: NewTestSteps/					
Objective: To make the operator check a CBS message received					
Defaults: NAS_OtherwiseFail					
Comments: @SIC_NAPP					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		<pre> tcv_IA5_String1 := o_ConcatStrg("Please check the contents of the received CBS Message:", o-OctToIA5(p_Msg)) </pre>			
2		Ut MMI_CmdReq	ca_MMI_CmdReq (tcv_IA5_String1)		
3	TSP1	Ut ? MMI_CmdCnf	ca_MMI_CmdCnf	(P)	
4	TSP1	Ut ? MMI_CmdCnf	ca_MMI_CmdCnfNeg	(F)	

3.4 ts_MMI_InserUSIMAccessClassX

Test step name	ts_MMI_InserUSIMAccessClassX in NAS module
Reason for change	MMI string contains leading and/or trailing spaces and/or typographical errors and/or formatting problems.
Summary of change	Leading and/or trailing spaces removed from MMI string and/or typographical errors and/or formatting problems corrected.
Source of change	New change

Before:

Test Step					
Test Step Id:	ts_MMI_InserUSIMAccessClassX(p_AccClassX:HEXSTRING)				
Test Step Group Ref:	GMM_InternalSteps/				
Objective:	To request the operator to insert Test USIM programmed with given access class only.				
Defaults:	UT_OtherwiseFail				
Comments:					
...	...	Behaviour Description	Constraint Ref	...	Comments
1		UI ? MMI_CmdReq	ca_MMI_CmdReq (o_ConcatStrg("Please insert Test USIM programmed with Access Class ", o_HexToIA5(p_AccClassX)))		
2		UI ? MMI_CmdCnf	ca_MMI_CmdCnf		

After:

Test Step					
Test Step Id:	ts_MMI_InserUSIMAccessClassX(p_AccClassX:HEXSTRING)				
Test Step Group Ref:	GMM_InternalSteps/				
Objective:	To request the operator to insert Test USIM programmed with given access class only.				
Defaults:	UT_OtherwiseFail				
Comments:					
...	...	Behaviour Description	Constraint Ref	...	Comments
1		UI ? MMI_CmdReq	ca_MMI_CmdReq (o_ConcatStrg("Please insert Test USIM programmed with Access Class ", o_HexToIA5(p_AccClassX)))		
2		UI ? MMI_CmdCnf	ca_MMI_CmdCnf		

3.5 ts_MMI_SetOpModeA

Test step name	ts_MMI_SetOpModeA in L3M module
Reason for change	MMI string contains leading and/or trailing spaces and/or typographical errors and/or formatting problems.
Summary of change	Leading and/or trailing spaces removed from MMI string and/or typographical errors and/or formatting problems corrected.
Source of change	New change

Before:

Test Step					
Test Step Id: ts_MMI_SetOpModeA					
Test Step Group Ref: L3M_MM_GMM_Steps/					
Objective: Set UE in operation mode A					
Defaults: UT_OtherwiseFail					
Comments:					
..	..	Behaviour Description	Constraint Ref	..	Comments
1		Ut! MMI_CmdReq	ca_MMI_CmdReq ("Please set UE in operation mode A (to support simultaneous CS and PS services)")		
2		Ut? MMI_CmdCnf	ca_MMI_CmdCnf		
3		(tcv_UE_OpMode := opModeA)			

After:

Test Step					
Test Step Id: ts_MMI_SetOpModeA					
Test Step Group Ref: L3M_MM_GMM_Steps/					
Objective: Set UE in operation mode A					
Defaults: UT_OtherwiseFail					
Comments:					
..	..	Behaviour Description	Constraint Ref	..	Comments
1		Ut! MMI_CmdReq	ca_MMI_CmdReq ("Please set UE in operation mode A (to support simultaneous CS and PS services)")		
2		Ut? MMI_CmdCnf	ca_MMI_CmdCnf		
3		(tcv_UE_OpMode := opModeA)			

3.6 ts_MMI_UE_SwitchOff

Test step name	ts_MMI_UE_SwitchOff in BasicM module
Reason for change	MMI string contains leading and/or trailing spaces and/or typographical errors and/or formatting problems.
Summary of change	Leading and/or trailing spaces removed from MMI string and/or typographical errors and/or formatting problems corrected.
Source of change	New change

Before:

Test Step					
Test Step Id:	ts_MMI_UE_SwitchOff				
Test Step Group Ref:	BasicM_UT_Steps/				
Objective:	To make the operator switch off the UE				
Defaults:	UT_OtherwiseFail				
Comments:	@sic RASH sic@				
...	...	Behaviour Description	Constraint Ref	...	Comments
1		[tcv_UE_SwitchedOn = TRUE]			UE is ON
2		Ut MMI_CmdReq	ca_MMI_CmdReq ("Please switch off the UE")		
3		Ut ? MMI_CmdCnf	ca_MMI_CmdCnf		
4		(tcv_UE_SwitchedOn = FALSE)			UE is now OFF
5		[TRUE]			UE is Already OFF

After:

Test Step					
Test Step Id:	ts_MMI_UE_SwitchOff				
Test Step Group Ref:	BasicM_UT_Steps/				
Objective:	To make the operator switch off the UE				
Defaults:	UT_OtherwiseFail				
Comments:	@sic RASH sic@				
...	...	Behaviour Description	Constraint Ref	...	Comments
1		[tcv_UE_SwitchedOn = TRUE]			UE is ON
2		Ut MMI_CmdReq	ca_MMI_CmdReq ("Please switch off the UE")		
3		Ut ? MMI_CmdCnf	ca_MMI_CmdCnf		
4		(tcv_UE_SwitchedOn = FALSE)			UE is now OFF
5		[TRUE]			UE is Already OFF

3.7 ts_MMI_UE_PwrOff

Test step name	ts_MMI_UE_PwrOff in BasicM module
Reason for change	MMI string contains leading and/or trailing spaces and/or typographical errors and/or formatting problems.
Summary of change	Leading and/or trailing spaces removed from MMI string and/or typographical errors and/or formatting problems corrected.
Source of change	New change

Before:

Test Step					
Test Step Id:	ts_MMI_UE_PwrOff				
Test Step Group Ref:	BasicM_UT_Steps/				
Objective:	To make the operator power off the UE				
Defaults:	UT_OtherwiseFail				
Comments:	@sic Rash ER1915 sic@				
...	...	Behaviour Description	Constraint Ref	...	Comments
1		[tcv_UE_SwitchedOn = TRUE]			UE is ON
2		Ut MMI_CmdReq	ca_MMI_CmdReq ("Please power off the UE")		
3		Ut ? MMI_CmdCnf	ca_MMI_CmdCnf		
4		(tcv_UE_SwitchedOn = FALSE)			UE is now OFF
5		[TRUE]			UE is Already OFF

After:

Test Step					
Test Step Id:	ts_MMI_UE_PwrOff				
Test Step Group Ref:	BasicM_UT_Steps/				
Objective:	To make the operator power off the UE				
Defaults:	UT_OtherwiseFail				
Comments:	@sic Rash ER1915 sic@				
...	...	Behaviour Description	Constraint Ref	...	Comments
1		[tcv_UE_SwitchedOn = TRUE]			UE is ON
2		Ut MMI_CmdReq	ca_MMI_CmdReq ("Please power off the UE")		
3		Ut ? MMI_CmdCnf	ca_MMI_CmdCnf		
4		(tcv_UE_SwitchedOn = FALSE)			UE is now OFF
5		[TRUE]			UE is Already OFF

3.8 ts_MMI_ChkMsgDisplayed

Test step name	ts_MMI_ChkMsgDisplayed in SMS module
Reason for change	MMI string contains leading and/or trailing spaces and/or typographical errors and/or formatting problems.
Summary of change	Leading and/or trailing spaces removed from MMI string and/or typographical errors and/or formatting problems corrected.
Source of change	New change

Before:

Test Step					
Test Step ID: ts_MMI_ChkMsgDisplayed(p_NumOfA5_Chars:INTEGER, p_Msg:OCTETSTRING)					
Test Step Group Ref: UT_Steps/					
Objective: To make the operator check an MT ShortMessage received					
Defaults: NAS_OtherwiseFail					
Comments: To make the operator check an MT ShortMessage received. The expected contents is indicated by p_Msg, the length is indicated by p_NumOfA5_Chars.					
...	...	Behaviour Description	Constraint Ref	...	Comments
1		(tv_IA5_String1 := o_ConcatStrg("Please check the length of the received Short Message: ", o_IntToA5(p_NumOfA5_Chars, 3)))			
2		(tv_IA5_String2 := o_ConcatStrg("and please check the contents of the received Short Message: ", o-OctToA5(p_Msg)))			
3		U11 MMI_CmdReq	ca_MMI_CmdReq (o_ConcatStrg(tv_IA5_String1, tv_IA5_String2))		
4	TS P1	U1? MMI_CmdCnf	ca_MMI_CmdCnf		(F)
5	TS F1	U1? MMI_CmdCnf	ca_MMI_CmdCnfNeg		(F)

After:

Test Step					
Test Step ID: ts_MMI_ChkMsgDisplayed(p_NumOfA5_Chars:INTEGER, p_Msg:OCTETSTRING)					
Test Step Group Ref: UT_Steps/					
Objective: To make the operator check an MT ShortMessage received					
Defaults: NAS_OtherwiseFail					
Comments: To make the operator check an MT ShortMessage received. The expected contents is indicated by p_Msg, the length is indicated by p_NumOfA5_Chars.					
...	...	Behaviour Description	Constraint Ref	...	Comments
1		(tv_IA5_String1 := o_ConcatStrg("Please check the length of the received Short Message: ", o_IntToA5(p_NumOfA5_Chars, 3)))			
2		(tv_IA5_String2 := o_ConcatStrg("and the contents of the received Short Message: ", o-OctToA5(p_Msg)))			
3		U11 MMI_CmdReq	ca_MMI_CmdReq (o_ConcatStrg(tv_IA5_String1, tv_IA5_String2))		
4	TS P1	U1? MMI_CmdCnf	ca_MMI_CmdCnf		(F)
5	TS F1	U1? MMI_CmdCnf	ca_MMI_CmdCnfNeg		(F)

4 Incorrect Usage of Wildcards

4.1 cr_ActPDP_ContextReqRspMO

Constraint name	cr_ActPDP_ContextReqRspMO in SMS module
Reason for change	Wildcards are used incorrectly, violating coding convention E3.7 of 34.123-3..
Summary of change	“Any constraints” as required per convention E3.7 introduced and applied at the appropriate places.
Source of change	New change

Before:

PDU Constraint Declaration				
Constraint Name:	cr_ActPDP_ContextReqRspMO(p_PDP_Address: PkDataProtoAddr_t)			
Group:				
PDU Name:	ACTIVATEPDPCONTEXTREQUESTUl			
Derivation Path:				
Encoding Rule Name:				
Encoding Variation:				
Comments:	This will be sent from UE as a response to the REQUEST PDP CONTEXT message from the network			
Field Name	Element Value	Type Encoding	Comments	
ti	cr_TI_Any			
sM_ProtocolDiscriminator	Is_c_SMPD			
msgType	0100001B			
requestedNSAPI	cr_NSAPI_y			
requestedLLC_SAPI	cr_LLC_SAPI_y			
requestedQoS	cr_QoSAny			
pDP_Address	p_PDP_Address			
accessPName	cr_AccessPNameAny IF PRESENT			
protocolConfOpts	cr_ProtocolConfAny IF PRESENT			

After:

PDU Constraint Declaration				
Constraint Name:	cr_ActPDP_ContextReqRspMO(p_PDP_Address: PkDataProtoAddr_t)			
Group:				
PDU Name:	ACTIVATEPDPCONTEXTREQUESTUl			
Derivation Path:				
Encoding Rule Name:				
Encoding Variation:				
Comments:	This will be sent from UE as a response to the REQUEST PDP CONTEXT message from the network			
Field Name	Element Value	Type Encoding	Comments	
ti	cr_TI_Any			
sM_ProtocolDiscriminator	Is_c_SMPD			
msgType	0100001B			
requestedNSAPI	cr_NSAPI_y			
requestedLLC_SAPI	cr_LLC_SAPI_y			
requestedQoS	cr_QualityOfService_t_Any			
pDP_Address	p_PDP_Address			
accessPName	cr_AccessPNameAny IF PRESENT			
protocolConfOpts	cr_ProtocolConfAny IF PRESENT			

4.2 cr_ActPDP_ContextReqMO_Any

Constraint name	cr_ActPDP_ContextReqMO_Any in BasicM module
Reason for change	Wildcards are used incorrectly, violating coding convention E3.7 of 34.123-3..
Summary of change	"Any constraints" as required per convention E3.7 introduced and applied at the appropriate places.
Source of change	New change

Before:

PDU Constraint Declaration			
Constraint Name:	cr_ActPDP_ContextReqMO_Any		
Group:			
PDU Name:	ACTIVATEPDPCONTEXTREQUESTUl		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	Activate PDP Context Request ue -> n 3GPP 24.008, 9.5.1		
Field Name	Element Value	Type Encoding	Comments
ti	cr_TI_Any		@sic T1s-040695 sic@
sM_ProtocolDiscriminator	tsc_SMPD		
msgType	'01000001'B		
requestedNSAPI	cr_NSAPI_y		@sic T1s-040695 sic@
requestedLLC_SAPI	cr_LLC_SAPI_y		@sic T1s-040695 sic@ This has to be set to NotAssigned by UE in UMTS domain.
requestedQoS	cr_QualityOfService_lv_Any		@sic T1s-040695 sic@
pDP_Address	cr_StaticPDP_AddressAny		@sic T1s-040695 sic@
accessPIName	cr_AccessPINameAny		The GGSN logical name or the external packet data network logical name
protocolConfOpts	cr_ProtocolConfOptsAny		

After:

PDU Constraint Declaration			
Constraint Name:	cr_ActPDP_ContextReqMO_Any		
Group:			
PDU Name:	ACTIVATEPDPCONTEXTREQUESTUl		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	Activate PDP Context Request ue -> n 3GPP 24.008, 9.5.1		
Field Name	Element Value	Type Encoding	Comments
ti	cr_TI_Any		@sic T1s-040695 sic@
sM_ProtocolDiscriminator	tsc_SMPD		
msgType	'01000001'B		
requestedNSAPI	cr_NSAPI_y		@sic T1s-040695 sic@
requestedLLC_SAPI	cr_LLC_SAPI_y		@sic T1s-040695 sic@ This has to be set to NotAssigned by UE in UMTS domain.
requestedQoS	cr_QualityOfService_lv_Any		@sic T1s-040695 sic@
pDP_Address	cr_StaticPDP_AddressAny		@sic T1s-040695 sic@
accessPIName	cr_AccessPINameAny IF_PRESENT		The GGSN logical name or the external packet data network logical name
protocolConfOpts	cr_ProtocolConfOptsAny IF_PRESENT		

4.3 cr_DetachRequest_MO

Constraint name	cr_DetachRequest_MO in BasicM module
Reason for change	Wildcards are used incorrectly, violating coding convention E3.7 of 34.123-3..
Summary of change	"Any constraints" as required per convention E3.7 introduced and applied at the appropriate places.
Source of change	New change

Before:

PDU Constraint Declaration			
Constraint Name:	cr_DetachRequest_MO		
Group:			
PDU Name:	DETACHREQUESTMO		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	3GPP 24.006 V3.6.0 clause 9.4.5.2 (Mobile originating detach, GMM message)		
Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		Skip Indicator
gmmProtocolDiscriminator	tsc_GMM_PD		GMM Protocol Discriminator
msgType	'00000101'B		Message Type
spare4	'0000'B		M
detachType	c_DetachTypeReqAttNctRequiredGPRS		M
ptmsi	?P_PRESENT		O
ptmsiSignature	?P_PRESENT		O

After:

PDU Constraint Declaration			
Constraint Name:	cr_DetachRequest_MO		
Group:			
PDU Name:	DETACHREQUESTMO		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	3GPP 24.006 V3.6.0 clause 9.4.5.2 (Mobile originating detach, GMM message)		
Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'E		Skip Indicator
gmmProtocolDiscriminator	tsc_GMM_PD		GMM Protocol Discriminator
msgType	'00000101'B		Message Type
spare4	'0000'E		M
detachType	c_DetachTypeReqAttNoIRequiredGPRS		M
ptmsi	c_MobileIdPTMSI_Any_PPRESENT		O
ptmsiSignature	c_PTMSI_Signature_Any_PPRESENT		O

4.4 cr_RelCmpl

Constraint name	cr_RelCmpl in L3M module
Reason for change	Wildcards are used incorrectly, violating coding convention E3.7 of 34.123-3..
Summary of change	"Any constraints" as required per convention E3.7 introduced and applied at the appropriate places.
Source of change	New change

Before:

PDU Constraint Declaration			
Constraint Name:	cr_RelCmpl (p_TI: TI)		
Group:			
PDU Name:	RELEASECOMPLETEui		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	RELEASE COMPLETE - receive constraint		
Field Name	Element Value	Type Encoding	Comments
ti	p_TI		
cC_ProtocolDiscriminator	'0011'B		
msgType	???101010B		
cau	*		
facility	*		
userUser	*		
sS_VersionInd	*		

After:

PDU Constraint Declaration			
Constraint Name:	cr_RelCmpl (p_TI: TI)		
Group:			
PDU Name:	RELEASECOMPLETEui		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	RELEASE COMPLETE - receive constraint		
Field Name	Element Value	Type Encoding	Comments
ti	p_TI		
cC_ProtocolDiscriminator	'0011'B		
msgType	???101010B		
cau	cr_CauAnyIF_PRESENT		
facility	cr_FacAnyIF_PRESENT		
userUser	cr_UserUserAnyIF_PRESENT		
sS_VersionInd	cr_SS_VersionIndAnyIF_PRESENT		

4.5 cr_RelCmplCau

Constraint name	cr_RelCmplCau in NAS_M module
Reason for change	Wildcards are used incorrectly, violating coding convention E3.7 of 34.123-3..
Summary of change	"Any constraints" as required per convention E3.7 introduced and applied at the appropriate places.
Source of change	New change

Before:

PDU Constraint Declaration			
Constraint Name:	cr_RelCmplCau (p_TI : TI; p_CauseValue : INTEGER)		
Group:			
PDU Name:	RELEASECOMPLETEuI		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	RELEASE COMPLETE - receive constraint - with a parametrized cause value		
Field Name	Element Value	Type Encoding	Comments
ti	p_TI		
cC_ProtocolDiscriminator	'0011'B		
msgType	'??101010'B		
cau	cr_Cau (p_CauseValue)		
facility	cr_*		
userUser	cr_*		
sS_VersionInd	cr_*		

After:

PDU Constraint Declaration			
Constraint Name:	cr_RelCmplCau (p_TI : TI; p_CauseValue : INTEGER)		
Group:			
PDU Name:	RELEASECOMPLETEuI		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	RELEASE COMPLETE - receive constraint - with a parametrized cause value		
Field Name	Element Value	Type Encoding	Comments
ti	p_TI		
cC_ProtocolDiscriminator	'0011'B		
msgType	'??101010'B		
cau	cr_Cau (p_CauseValue)		
facility	cr_FacAny IF PRESENT		
userUser	cr_UserAny IF PRESENT		
sS_VersionInd	cr_SS_VersionIncAny IF PRESENT		

4.6 cr_RelCau102

Constraint name	cr_RelCau102 in NAS module
Reason for change	Wildcards are used incorrectly, violating coding convention E3.7 of 34.123-3..
Summary of change	"Any constraints" as required per convention E3.7 introduced and applied at the appropriate places.
Source of change	New change

Before:

PDU Constraint Declaration			
Constraint Name:	cr_RelCau102 (p_TI : TI ; p_Cau : INTEGER)		
Group:			
PDU Name:	RELEASEul		
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_Cau (p_Cau)		
cau2	cr_Cau102 IF_PRESENT		
facility	*		
userUser	*		
sS_VersionInd	*		

After:

PDU Constraint Declaration			
Constraint Name:	cr_RelCau102 (p_TI : TI ; p_Cau : INTEGER)		
Group:			
PDU Name:	RELEASEul		
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_Cau (p_Cau)		
cau2	cr_Cau102 IF_PRESENT		
facility	cr_FacAny IF_PRESENT		
userUser	cr_UserUserAny IF_PRESENT		
sS_VersionInd	cr_SS_VersionIndAny IF_PRESENT		

4.7 cr_RA_UpdReqValidTS

Constraint name	cr_RA_UpdReqValidTS in NAS module
Reason for change	Wildcards are used incorrectly, violating coding convention E3.7 of 34.123-3..
Summary of change	"Any constraints" as required per convention E3.7 introduced and applied at the appropriate places.
Source of change	New change

Before:

PDU Constraint Declaration			
Constraint Name:	cr_RA_UpdReqValidTS (p_updateType : UpdateType_v, p_RAI : RAI_v, p_PTMSISig : PTMSI_Signature; p_KeySeq : KeySeq)		
Group:			
PDU Name:	ROUTINGAREAUPDATEREQUEST		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	@SIC_NAPP Attach request msg with a valid TMSI status ie included or omitted		
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	*		
oldPTMSI_Signature	p_PTMSISig		
readyTimer	cr_GPRS_TimerAnyIF_PRESENT		
drxParameter	cr_DRXparameter_tv_AnyIF_PRESENT		
tmsiStatus	c_TMSI_StatusValidIF_PRESENT		
ptmsi	c_MobileIDPTMSI_AnyIF_PRESENT		@sic T1-031835 sic@
msnetworkcap	*		
pDP_ContextStatus	*		

After:

PDU Constraint Declaration			
Constraint Name:	cr_RA_UpdReqValidTS (p_updateType : UpdateType_v, p_RAI : RAI_v, p_PTMSISig : PTMSI_Signature; p_KeySeq : KeySeq)		
Group:			
PDU Name:	ROUTINGAREAUPDATEREQUEST		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	@SIC_NAPP Attach request msg with a valid TMSI status ie included or omitted		
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	?		
oldPTMSI_Signature	p_PTMSISig		
readyTimer	cr_GPRS_TimerAnyIF_PRESENT		
drxParameter	cr_DRXparameter_tv_AnyIF_PRESENT		
tmsiStatus	c_TMSI_StatusValidIF_PRESENT		
ptmsi	c_MobileIDPTMSI_AnyIF_PRESENT		@sic T1-031835 sic@
msnetworkcap	cr_MS_NetworkCap_tv_AnyIF_PRESENT		
pDP_ContextStatus	cr_PDP_ContextStatusAnyIF_PRESENT		

CHANGE REQUEST

34.123-3 CR 1212 # rev - # Current version: **3.8.0**

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 wk04 ATS.		
Source:	# Aeroflex		
Work item code:	# N/A	Date:	# 15/02/2005
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 in TTCN as part of Regression on wk04 ATS.
Summary of change:	# This document lists all changes applied to wk04 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;">#</td> <td style="text-align: center;">#</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;">#</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	#	#	#	#	#
Y	N								
#	#								
#	#								
#	#								
Other comments:	#								

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2 Corrections required for ATS RRC_wk04 test suite

2.1 ATS RRC – Idle: ts_InitializeSIB11_12_SIB12_Idle

Test step	ts_InitializeSIB11_12_SIB12_Idle
Affected test cases	6.1.1.5, 6.1.2.1, 6.1.2.2 and other 6.2.x
Reason for change	tcv_SIB11 is initialised with cd_SIB11_RxlevMin, then q_RxlevMin is set to -111 (encoded as -56). This is not as per prose which specifies the value -115 (encoded as -58). There is the same discrepancy between the prose and the TTCN for SIB12.
Summary of changes	Initialise tcv_SIB11 and tcv_SIB12 with another constraint

3 Corrections required for ATS NAS_wk04 test suite

3.1 ATS NAS – tc_12_4_1_4a

Test step	tc_12_4_1_4a
Reason for change	There is a discrepancy between the prose and the TTCN at step 8b, the Registration on CS shall be accepted.
Summary of changes	In line 47, replace ts_MM_RegistrationRejectRAU_IfOpModeA by ts_MM_RegistrationRAU_IfOpModeA.

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1213 # rev - # Current version: **3.8.0**

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 8.4.1.7		
Source:	# Anite		
Work item code:	# N/A	Date:	# 15/02/05
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:	# 34.123-1 specifies Measured results on RACH should be absent for the Cell Update message at Step 22. But in TTCN Measured Results on RACH is being checked using "*", which means the IE may or may not be present.
Summary of change:	# Step 22 of the test case is modified to use a new constraint cbr_108_CellUpdate_8417 for Cell Update Message to OMIT IE "Measured Results on RACH" for the expected Cell Update Message.
Consequences if not approved:	# TTCN implementation will not be as per the test specification 34.123-1.

Clauses affected:	# tc_8_4_1_7										
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	#
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		Test specifications									
		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.

1.1 Change 1:

Constraints	It_step21_onwards of tc_8_4_1_7
Reason for change	34.123-1 specifies Measured results on RACH should be absent for the Cell Update message at Step 22. But in TTCN Measured Results on RACH is being checked using '*', which means the IE may or may not be present.
Summary of change	Step 22 of the test case is modified to use a new constraint for Cell Update Message to OMIT IE "Measured results on RACH" for the expected Cell Update Message
Source of change	New change

Before:

It_step21_onwards					
74		+ts_SysInfoModifySIB12_RRC (tsc_CellB, c_SIB11_Modified_SIB12_Present (tcv_CellInfoB, tcv_CellInfoA, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF), c_SIB12_Modified_8417_3, tsc_Now)			Step 21 in prose; @sic OG 16/08/04 T1s040381 sic@
75		+ts_SetAttenuationLevel(tsc_CellA, tcv_CellInfoB.powerpCPICH+70)			CellB downlink transmission power is changed. @sic Thomas T1s040381 sic@
76		+ts_SetAttenuationLevel(tsc_CellB, tcv_CellInfoA.powerpCPICH + 60)			CellA downlink transmission power is changed. +ts_SetAttenuationLevel (tsc_CellA, tcv_CellInfoA.powerpCPICH + 122)
77		(tcv_Tolerance := 13500 / 10)			
78		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellB, cbr_108_CellUpdate ({ smc_Identity '0000000000'1'B, s_RNTI '00000000000000000000'1'B }, cellReselection) , 13500 + tcv_Tolerance)			Step 22 in prose;
79		+ts_HO_ReconfFACH_ToFACH (tsc_CellA, tsc_CellB)			@sic Thomas ER 1625 sic@
80		(tcv_CellInfoB.cRNTI := tsc_New_CRNTI2)			+ts_CRLC_ReconfRLC_Size (TRUE)
81		+ts_CMAC_NewRNTI_Param			@@sic Thomas ER 1625 sic@

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1214 # rev - # Current version: **3.8.0**

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 wk04 ATS.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 15/02/05
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	R96 (Release 1996)	2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R97 (Release 1997)	R96 (Release 1996)
	B (addition of feature),	R98 (Release 1998)	R97 (Release 1997)
	C (functional modification of feature)	R99 (Release 1999)	R98 (Release 1998)
	D (editorial modification)	Rel-4 (Release 4)	R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-5 (Release 5)	Rel-4 (Release 4)
		Rel-6 (Release 6)	Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Correction of errors found in TTCN as part of Regression on wk04 ATS.		
Summary of change:	# This document lists all changes applied to wk04 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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3.2	Change 2	5

2 Corrections required for RRC_wk04 test suite

2.1 Change 1

Test step	SS_Def
Reason for change	ASP "CRLC_Integrity_Failure_IND" is handled in the Default test step SS_Def. However in SS_Def , this ASP is not properly handled. CRLC?Otherwise is handled prior to CRLC?CRLC_Integrity_Failure_IND , which gives a wrong verdict in case integrity failure indication is received from the SS.
Summary of change	Moved handling of CRLC?Otherwise after handling of CRLC_Integrity_Failure_IND ASP.
Source of change	New change

Before:

22		CMAC?OTHERWISE		
23	DFI3	CANCEL		(I)
24		CRLC?OTHERWISE		
25	DFI4	CANCEL		(I)
26		CRLC?CRLC_Integrity_Failure_IND	car_CRLC_IntegrityFail	
27	DFF5	[tcv_CellIndInfo.integrityStarted]		(F)
28		RETURN		
29		[NOT tcv_CellIndInfo.integrityStarted]		
30		RETURN		
31		Dc ? RRC_DataInd[tcv_MM_TestExecution]	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_lv, c_RAI_Any_v,?))	@sic ER1440sic@

After:

22		CMAC?OTHERWISE		
23	DFI3	CANCEL		(I)
24		CRLC?CRLC_Integrity_Failure_IND	car_CRLC_IntegrityFail	
25	DFF5	[tcv_CellIndInfo.integrityStarted]		(F)
26		RETURN		
27		[NOT tcv_CellIndInfo.integrityStarted]		
28		RETURN		
29		CRLC?OTHERWISE		
30	DFI4	CANCEL		(I)
31		Dc ? RRC_DataInd[tcv_MM_TestExecution]	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_lv, c_RAI_Any_v,?))	@sic ER1440sic@

3 Corrections required for NAS_wk04 test suite

3.1 Change 1

TTCN Reference ts_MM_RegistrationHandleAttachReqIMSI
 local tree It_HandleAttachReqA

Reason for change TTCN CR T1s040781 is not implemented completely. As per the CR in the test step at row 11 checking for RAI should also be done. However in TTCN implementation this is not done.

Summary of change At line#11, added following check:
 tcv_TmpAttachReqPDU.oldRAI = p_rai

3.2 Change 2

TTCN Reference tc_12_4_1_4a Local tree lt_Attach_Steps_24To26

Reason for change At line#67, Mobile identity TMSI-2 is referred incorrectly in place of PTMSI-2.

Summary of change At line#67 change Constraint Ref from

```

car_PS_InitDirectTransfer( tsc_CellDedicated, tsc_RB3,
cr_AttachReq (
c_GMM_AttachTypePS_Only,
c_MobileIdPTMSI_Iv (px_TMSI_2) ,
c_RAI_v ( tcv_CellInfoD.mcc, tcv_CellInfoD.mnc, tcv_CellInfoD.lac,
tcv_CellInfoD.rac),
tcv_PS_KeySeq)
)
to
car_PS_InitDirectTransfer( tsc_CellDedicated, tsc_RB3,
cr_AttachReq (
c_GMM_AttachTypePS_Only,
c_MobileIdPTMSI_Iv (px_PTMSI_2) ,
c_RAI_v ( tcv_CellInfoD.mcc, tcv_CellInfoD.mnc, tcv_CellInfoD.lac,
tcv_CellInfoD.rac),
tcv_PS_KeySeq)
)

```

CR-Form-v7
CHANGE REQUEST
34.123-3 CR 1215 # rev - # Current version: 3.8.0

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 wk04 ATS.		
Source:	# Aeroflex		
Work item code:	# N/A	Date:	# 14/02/2005
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:	# Correction of errors found in TTCN as part of Regression on wk04 ATS.
Summary of change:	# This document lists all changes applied to wk04 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;">#</td> <td style="text-align: center;">#</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;">#</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	#	#	#	#	#
Y	N								
#	#								
#	#								
#	#								
Other comments:	#								

1 Table of Contents

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3.1	ATS RRC – Idle: ts_PagingOnAllConfiguredCells	3

2 Corrections required for ATS NAS_wk04 test suite

2.1 ATS NAS: tc_12_3_1_2

Test case	Tc_12_3_1_2
Reason for change	There is a discrepancy between the test case selection expression in the ATS and 34.123-2. C379 in 34.123-2 is defined with the condition (A.3/2 AND A.20/63), in the ATS the selection expression is (A.3/2 AND A.3/3 AND A.20/40).
Summary of changes	A new test case selection expression shall be created.

3 Corrections required for ATS RRC_wk04 test suite

3.1 ATS RRC – Idle: ts_PagingOnAllConfiguredCells

Test case	ts_PagingOnAllConfiguredCells
Reason for change	This step is used to Page UE on all configured cells. When UE is paged in this step, sometimes it is sending rrcConnection request message. So, it is going to default handler RRC_Def1 and failing.
Summary of changes	Replace the default RRC_Def1 by RRC_Def1_Idle

CHANGE REQUEST

34.123-3 CR 1216 # rev # Current version: **3.8.0**

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 12_6_1_3_3		
Source:	# Nokia		
Work item code:	# N/A	Date:	# 07/02/2005
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	R96	2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R97	(Release 1996)
	B (addition of feature),	R98	(Release 1997)
	C (functional modification of feature)	R99	(Release 1998)
	D (editorial modification)	Rel-4	(Release 1999)
	Detailed explanations of the above categories can	Rel-5	(Release 4)
	be found in 3GPP TR 21.900 .	Rel-6	(Release 5)
			(Release 6)

Reason for change:	# UE needs first select cell B before triggering Attach in Manual attach mode in step 10. Also due to this wait the guard timer needs to be increased.
Summary of change:	# 1) Wait for 1 minute to allow UE to select Cell B before triggering Attach. 2) Increased guard timer to 500 seconds.
Consequences if not approved:	# The testcase may fail a 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:	# IWD NAS_wk04 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

Change 1.

TTCN Reference	TC_12_6_1_3_3, It_TestBody:
Reason for change	UE needs first select cell B before triggering Attach in Manual attach mode.
Summary of change	Allow UE to select cell B before triggering Attach in Manual attach mode. The change does not have any effect to Auto Attach mode.

Before Change:

It_TestBody				
12		(tcv_TestBody := TRUE)		(P)
13		+ts_MMI_UE_SwitchOnTriggerGMM_Attach		@sic VB T1s-040202 sic @sic VB ER2023 sic@
14		+ts_RRC_ConnEst(tsc_CellA, est_Reg, registration)		
15		+It_AuthFailure_Steps_3To7		@sic VB ER1562 sic@
16		+It_Activate_CellB		Step 9
17		+ts_AT_TriggerGMM_Attach		Step 10
18		+It_AuthFailure_Steps_11To13		
19		+ts_VerifyNoAccess (20)		Step 14
20		+ts_VerifyNoAccess (30)		Step 15
21		+ts_AT_TriggerGMM_Attach		Step 16
22		+ts_VerifyNoAccess (30)		Step 17
23		(tcv_CellInfoB.cellConfig := cell_DCH_StandAloneSRB_NoConn)		@sic VB ER2023 sic@
24		+ts_GMM_SwitchOrPwrOff		@sic VB T1-0401647 sic@

After Change:

It_TestBody				
12		(tcv_TestBody := TRUE)		(P)
13		+ts_MMI_UE_SwitchOnTriggerGMM_Attach		@sic VB T1s-040202 @sic VB ER2023 sic@
14		+ts_RRC_ConnEst(tsc_CellA, est_Reg, registration)		
15		+It_AuthFailure_Steps_3To7		@sic VB ER1562 sic@
16		+It_Activate_CellB		Step 9
17	•	[pc_AutomaticAttachSwitchON = FALSE]		Trigger Attach in Manu
18	•	+ts_NAS_Delay(60000)		Allow UE to select cel
19		+ts_AT_TriggerGMM_Attach		Step 10
20	•	+It_Continue_Attach		
21	•	[pc_AutomaticAttachSwitchON = TRUE]		no wait needed in Aut
22	•	+It_Continue_Attach		
It_Continue_Attach				
23		+It_AuthFailure_Steps_11To13		
24		+ts_VerifyNoAccess (20)		Step 14
25		+ts_VerifyNoAccess (30)		Step 15
26		+ts_AT_TriggerGMM_Attach		Step 16
27		+ts_VerifyNoAccess (30)		Step 17
28		(tcv_CellInfoB.cellConfig := cell_DCH_StandAloneSRB_NoConn)		@sic VB ER2023 sic@
29		+ts_GMM_SwitchOrPwrOff		@sic VB T1-0401647

Change 2.

TTCN Reference TC_12_6_1_3_3, line #1

Reason for change UE needs first select cell B before triggering Attach in Manual attach mode. Also due to this wait the guard timer needs to be increased to 500 sec.

Summary of change Increased the guard timer to 500 seconds.

Before Change:

Nr	Label	Behaviour Description
1		START t_Guard(300)

After Change:

Nr	Label	Behaviour Description
1		START t_Guard(500)

CHANGE REQUEST

34.123-3 CR 1217 # rev **-** # Current version: **3.8.0**

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 8.4.1.38		
Source:	# Ericsson, ETSI MCC		
Work item code:	# TEI	Date:	# 10/02/2005
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:	# Power class levels are not checked against correct levels in TTCN.
Summary of change:	# Changed It_CheckUE_Power Added a new TCV tcv_MaxUETxPower_SIB4
Consequences if not approved:	# Conformant UEs might get failed

Clauses affected:	# tc_8_4_1_38						
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>	Y	N	#	X	Other core specifications	#
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>	#	X	Test specifications			
#	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>	#	X	O&M Specifications			
#	X						
Other comments:	# Affects R99, Rel4 and Rel5 UEs.						

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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.

Before:

tc_8_4_1_38

Test Case Name	tc_8_4_1_38		
Group	RRC_Measurements/		
Purpose	1. To confirm that the UE sends a measurement report for event 6d with its maximum value when event 6d has been configured in the UE through message.		
Configuration			
Default	RRC_Def1		
Comments			
Selection Ref	FDD_Mode		
Description	Reference 3GPP TS 25.331, clauses 14.6.2.4 Measurement Control and Report: UE internal measurement for event 6d		
Nr	Label	Behaviour Description	Constraints Ref
1		START t_Guard	
2		[px_RAT = fdd]	
3		+lt_InitVariables	
4		+ ts_SS_CreateCellDCH (tsc_CellA)	
5		+ ts_SendDef_sysInfo_MultiCell (tsc_CellA)	
6		+ ts_IdleUpdated (tsc_CellA)	
7		+ ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)	
8		+lt_TestBody	
9		+ po_SHO_ConnectionAndSS_Rel	
10	ERR1	[px_RAT = tdd]	
11	ERR2	[TRUE]	
		lt_TestBody	
12	TBS	(tcv_TestBody := TRUE)	
13		AM ! RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated , tsc_RB2 , cs_MeasurementControlUE_InternalMeas_Event6d (tcv_CellIndInfo.dl_IntegrityCheckInfo ,

			tcv_RRC_Ti , 6, eventTrigger)
14		CPHY!CPHY_UL_PowerModify_REQ	ca_UL_PowerMod ify_REQ (tsc_Cella , tsc_DL_DPCH1 , tsc_UL_DPCH1 , maxMin: tpc_Up)
15		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerMod ify_CNF (tsc_Cella , tsc_DL_DPCH1)
16	TBP1	AM ?RLC_AM_DATA_IND (tcv_checkUETxPower := RLC_AM_DATA_IND .aM_message. uL_DCCH_Message.message.measurementReport.measuredResult s.ue_InternalMeasuredResults.modeSpecificInfo.fdd.ue_Tra nsmittedPowerFDD)	car_Measuremen tReport (tsc_CellDedica ted , tsc_RB2 , cr_MeasReportU E_InternalMeas _Event6a_6b (6, c_EventResult (event6d : NULL)))
17		+lt_CheckUE_Power	
18		+lt_SetInitialUE_Power	
19		+ts_C3_CheckCellDCH (tsc_Cella)	
20	TBE	(tcv_TestBody := FALSE)	
		lt_InitVariables	
21		+ ts_RRC_InitVariables (cell_DCH)	
22		(tcv_CellInfoA := c_CellInfoDiff (tsc_Cella , px_PriScrmCode , tsc_URA_IdCellA , tsc_CRNTI , tsc_tCellA , tsc_SFN_OffsetA , tcv_FreqInfoMid , px_UL_ScramblingCode))	
		lt_CheckUE_Power	
23		[px_UE_PowerClass = 1]	
24	TBF1	[tcv_checkUETxPower < 104]	
25	TBP2	[tcv_checkUETxPower >= 104]	
26		[px_UE_PowerClass = 2]	
27	TBF2	[tcv_checkUETxPower < 98]	
28	TBP3	[tcv_checkUETxPower >= 98]	
29		[px_UE_PowerClass = 3]	
30	TBF3	[tcv_checkUETxPower < 95]	

31	TBP4	[tcv_checkUETxPower >= 95]	
32		[px_UE_PowerClass = 4]	
33	TBF4	[tcv_checkUETxPower < 92]	
34	TBP5	[tcv_checkUETxPower >= 92]	
		lt_SetInitialUE_Power	
35		[px_UE_PowerClass = 1]	
36		CPHY!CPHY_UL_PowerModify_REQ	ca_UL_PowerModify_REQ (tsc_Cella , tsc_DL_DPCH1 , tsc_UL_DPCH1 , delta: (104 - tcv_checkUETxPower - 53))
37		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerModify_CNF (tsc_Cella , tsc_DL_DPCH1)
38		[px_UE_PowerClass = 2]	
39		CPHY!CPHY_UL_PowerModify_REQ	ca_UL_PowerModify_REQ (tsc_Cella , tsc_DL_DPCH1 , tsc_UL_DPCH1 , delta: (98 - tcv_checkUETxPower - 47))
40		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerModify_CNF (tsc_Cella , tsc_DL_DPCH1)
41		[px_UE_PowerClass = 3]	
42		CPHY!CPHY_UL_PowerModify_REQ	ca_UL_PowerModify_REQ (tsc_Cella , tsc_DL_DPCH1 , tsc_UL_DPCH1 , delta: (95 - tcv_checkUETxPower - 44))
43		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerModify_CNF (tsc_Cella , tsc_DL_DPCH1)
44		[px_UE_PowerClass = 4]	
45		CPHY!CPHY_UL_PowerModify_REQ	ca_UL_PowerModify_REQ

			(tsc_Cella , tsc_DL_DPCH1 , tsc_UL_DPCH1 , delta: (92 - tsc_checkUETxP ower - 41))
46		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerMod ify_CNF (tsc_Cella , tsc_DL_DPCH1)
Detailed Comments			Note::

After:

tc_8_4_1_38

Test Case Name	tc_8_4_1_38
Group	RRC_Measurements/
Purpose	1. To confirm that the UE sends a measurement report for event 6d with maximum value when event 6d has been configured in the UE through a
Configuration	
Default	RRC_Def1
Comments	
Selection Ref	FDD_Mode
Description	Reference 3GPP TS 25.331, clauses 14.6.2.4 Measurement Control and Report: UE internal measurement for event 6d

Nr	Label	Behaviour Description	Constraints Ref
1		START t_Guard	
2		[px_RAT = fdd]	
3		+lt_InitVariables	
4		+ ts_SS_CreateCellDCH (tsc_Cella)	
5		+ ts_SendDef_sysInfo_MultiCell (tsc_Cella)	
6		+ ts_IdleUpdated (tsc_Cella)	
7		+ ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_Cella)	
8		+lt_TestBody	
9		+ po_SHO_ConnectionAndSS_Rel	

10	ERR1	[<u>px_RAT</u> = tdd]	
11	ERR2	[TRUE]	
		lt_TestBody	
12	TBS	(<u>tcv_TestBody</u> := TRUE)	
13		<u>AM ! RLC_AM_DATA_REQ</u>	<u>cas_MeasurementContr</u> <u>tsc_CellDedicated</u> , <u>tsc_RB2</u> , <u>cs_MeasurementContro</u> <u>ernalMeas_Event6d</u> (<u>tcv_CellIndInfo.dl_I</u> <u>yCheckInfo</u> , <u>tcv_RRC_</u> <u>6</u> , eventTrigger))
14		<u>CPHY!CPHY_UL_PowerModify_REQ</u>	<u>ca_UL_PowerModify_RE</u> <u>(tsc_Cella</u> , <u>tsc_DL_D</u> <u>tsc_UL_DPCH1</u> , maxMin tpc_Up)
15		<u>CPHY?CPHY_UL_PowerModify_CNF</u>	<u>ca_UL_PowerModify_CN</u> <u>(tsc_Cella</u> , <u>tsc_DL_D</u>
16	TBP1	<u>AM ?RLC_AM_DATA_IND</u> (<u>tcv_checkUETxPower</u> := <u>RLC_AM_DATA_IND.am_message</u> . <u>uL_DCCH_Message.message.measurementReport.measuredRe</u> <u>sults.ue_InternalMeasuredResults.modeSpecificInfo.fd</u> <u>d.ue_TransmittedPowerFDD</u>)	<u>car_MeasurementRepor</u> <u>tsc_CellDedicated</u> , <u>tsc_RB2</u> , <u>cr_MeasReportUE_Inte</u> <u>s_Event6a_6b</u> (6, <u>c_EventResult</u> (even NULL)))
17		+lt_CheckUE_Power	
18		+lt_SetInitialUE_Power	
19		+ <u>ts_C3_CheckCellDCH</u> (<u>tsc_Cella</u>)	
20	TBE	(<u>tcv_TestBody</u> := FALSE)	
		lt_InitVariables	
21		+ <u>ts_RRC_InitVariables</u> (cell_DCH)	
22		(<u>tcv_CellInfoA</u> := <u>c_CellInfoDiff</u> (<u>tsc_Cella</u> , <u>px_PriScrmCode</u> , <u>tsc_URA_IdCellA</u> , <u>tsc_CRNTI</u> , <u>tsc_tCellA</u> , <u>tsc_SFN_OffsetA</u> , <u>tcv_FreqInfoMid</u> , <u>px_UL_ScramblingCode</u>))	
		lt_CheckUE_Power	
23		[<u>px_UE_PowerClass</u> = 1]	
24	TBF1	[(<u>tcv_checkUETxPower</u> > 104) AND (<u>tcv_checkUETxPower</u> < (<u>tcv_MaxUETxPower_SIB4+71</u>))]	
25	TBP2	[(<u>tcv_checkUETxPower</u> <= 104) AND (<u>tcv_checkUETxPower</u> >= (<u>tcv_MaxUETxPower_SIB4+71</u>))]	

26		[px_UE_PowerClass = 2]	
27	TBF2	[(tcv_checkUETxPower > 98) AND (tcv_checkUETxPower < (tcv_MaxUETxPower_SIB4+71))]	
28	TBP3	[(tcv_checkUETxPower <= 98) AND (tcv_checkUETxPower >= (tcv_MaxUETxPower_SIB4+71))]	
29		[px_UE_PowerClass = 3]	
30	TBF3	[(tcv_checkUETxPower > 95) AND (tcv_checkUETxPower < (tcv_MaxUETxPower_SIB4+71))]	
31	TBP4	[(tcv_checkUETxPower <= 95) AND (tcv_checkUETxPower >= (tcv_MaxUETxPower_SIB4+71))]	
32		[px_UE_PowerClass = 4]	
33	TBF4	[tcv_checkUETxPower < 92]	
34	TBP5	[tcv_checkUETxPower >= 92]	
		lt_SetInitialUE_Power	
35		[px_UE_PowerClass = 1]	
36		CPHY!CPHY_UL_PowerModify_REQ	ca_UL_PowerModify_RE (tsc_Cella , tsc_DL_D tsc_UL_DPCH1 , delta: tcv_checkUETxPower -
37		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerModify_CN (tsc_Cella , tsc_DL_D
38		[px_UE_PowerClass = 2]	
39		CPHY!CPHY_UL_PowerModify_REQ	ca_UL_PowerModify_RE (tsc_Cella , tsc_DL_D tsc_UL_DPCH1 , delta: tcv_checkUETxPower -
40		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerModify_CN (tsc_Cella , tsc_DL_D
41		[px_UE_PowerClass = 3]	
42		CPHY!CPHY_UL_PowerModify_REQ	ca_UL_PowerModify_RE (tsc_Cella , tsc_DL_D tsc_UL_DPCH1 , delta: tcv_checkUETxPower -
43		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerModify_CN (tsc_Cella , tsc_DL_D
44		[px_UE_PowerClass = 4]	
45		CPHY!CPHY_UL_PowerModify_REQ	ca_UL_PowerModify_RE (tsc_Cella , tsc_DL_D tsc_UL_DPCH1 , delta: tcv_checkUETxPower -
46		CPHY?CPHY_UL_PowerModify_CNF	ca_UL_PowerModify_CN (tsc_Cella , tsc_DL_D

Detailed Comments	Note::
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New TCV:

Variable Name	Type	Value	Comments
tcv_MaxUETxPower_SIB4	INTEGER	21	

CR-Form-v7
CHANGE REQUEST
⌘ 34.123-3 CR 1218 ⌘ rev - ⌘ Current version: 3.8.0 ⌘

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 Package 3 TC 9.4.7		
Source:	⌘ Ericsson		
Work item code:	⌘ TEI	Date:	⌘ 11/02/2005
Category:	⌘ F	Release:	⌘ Rel-5
	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:	⌘ Guard timer t_Guard needs to be increased to increase test case stability
Summary of change:	⌘ Changed t_Guard(10*60) to t_Guard(16*60)
Consequences if not approved:	⌘ Conformant UEs might get failed

Clauses affected:	⌘ tc_9_4_7										
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:	⌘ Affects R99, Rel4 and Rel5 UEs.										

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.

Before:
t_Guard(10*60)

After:
Change t_Guard(10*60) to t_Guard(16*60)

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1219 # rev **-** # Current version: **3.8.0**

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 / 8.3.7.3		
Source:	# Ericsson, ETSI MCC		
Work item code:	# TEI	Date:	# 11/02/2005
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: # In the testcase an NTCSD Handover from WCDMA to GSM is performed. NTCSD normally requires the RLP protocol to be implemented, which it is not in the Conformance Test Equipment.

The lack of the RLP protocol will lead to a timeout in the establishment of of this protocol. This timeout will lead to the UE sending a DISCONNECT. The problem with the current TTCN implementation is that it assumes that the SS will send the Disconnect, not the UE.

The normal sequence for RLP in a call setup is the following:

```

UE RLP                                IWF RLP
|-----|                               |-----|
|  XID command  >-----+
+-----+-----+
|  XID response  <-----+
+-----+-----+
|  SABM          >-----+
+-----+-----+
|                                UA <-----+
|-----|                               |-----|
    
```

From the RLP specification 24.022:

---BEGIN---

5.2.2.6 Exchange Identification, XID (11101)

...

"The UE shall restart the parameter negotiation on expiry of T1, while the Interworking Function shall do so on expiry of twice the value of T1. An unsuccessful XID exchange shall be repeated on expiry of T1. After N2 times of unsuccessful repetition, the link shall be disconnected."

---END---

Default values for T1 and N2 are 480ms and 6 respectively. So lack of XID response from the network will trigger a disconnect after $(6 + 1) * 480\text{ms} = 3360\text{ms}$.

So unless the network sends a XID response the call will always be terminated by the UE around 3.5-4 seconds after CONN ACK (3360ms plus normal processing overhead).

Investigations for the EMP UE shows that it takes around 4 seconds between RLP initialization and the SS disconnect and the UE will send a Disconnect before the SS does.

Summary of change: ⌘ The SS must be able to receive an MO disconnect after the HO Complete is received.

Consequences if not approved: ⌘ A conformant UE might fail this testcase.

Clauses affected: ⌘ tc_8_3_7_2/ tc_8_3_7_3

	Y	N		⌘
Other specs affected:		X	Other core specifications	
		X	Test specifications	
		X	O&M Specifications	

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:

TC can only handle the case where SS disconnects the data call.

After:

TC can handle UE and SS disconnects (whichever appears first).

CHANGE REQUEST

34.123-3 CR 1220 # rev **-** # Current version: **3.8.0**

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 8.4.1.36	
Source:	#	Ericsson	
Work item code:	#	TEI	Date: # 10/02/2005
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:	#	<p>In step 5 of the testcase it states:</p> <p>“SS should wait long enough for the reception of this message as UE that needs compressed mode takes time to activate compressed mode patterns as well as complete BSIC verification before sending the report”</p> <p>However the UE should verify BSIC on the strongest cell first and when this is done on cell an event 3d is triggered according to 14.3.1.4 in 25.331. This is the Measurement Report described in step 5.</p> <p>At this time the SS has not waited long enough for the UE to verify BSIC on cell B as the quote above indicates that it shall. Compare to tc 8.4.1.35, which waits 10 seconds before the power levels are altered, in this time BSIC on all neighbours has been identified.</p> <p>The default delay in step 7 is 1 sec + tolerance which might be a valid value if BSIC has been identified before the power is altered. This is not the case since the first report is sent immediately when cell A has been verified and the time needed to verify BSIC on cell B must be compensated for in the wait timer.</p>	
Summary of change:	#	Increase the wait timer to 2 seconds so that the UE has time to verify BSIC on cell B as well as to trigger the event.	
Consequences if not approved:	#	A conformant UE might fail to deliver report within the specified delay.	

Clauses affected:	⌘	tc_8_4_1_36								
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>X</td> </tr> <tr> <td></td> <td>X</td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	Y	N		X		X		X
Y	N									
	X									
	X									
	X									
Other comments:	⌘	Affects R99, Rel4 and Rel5 UEs.								

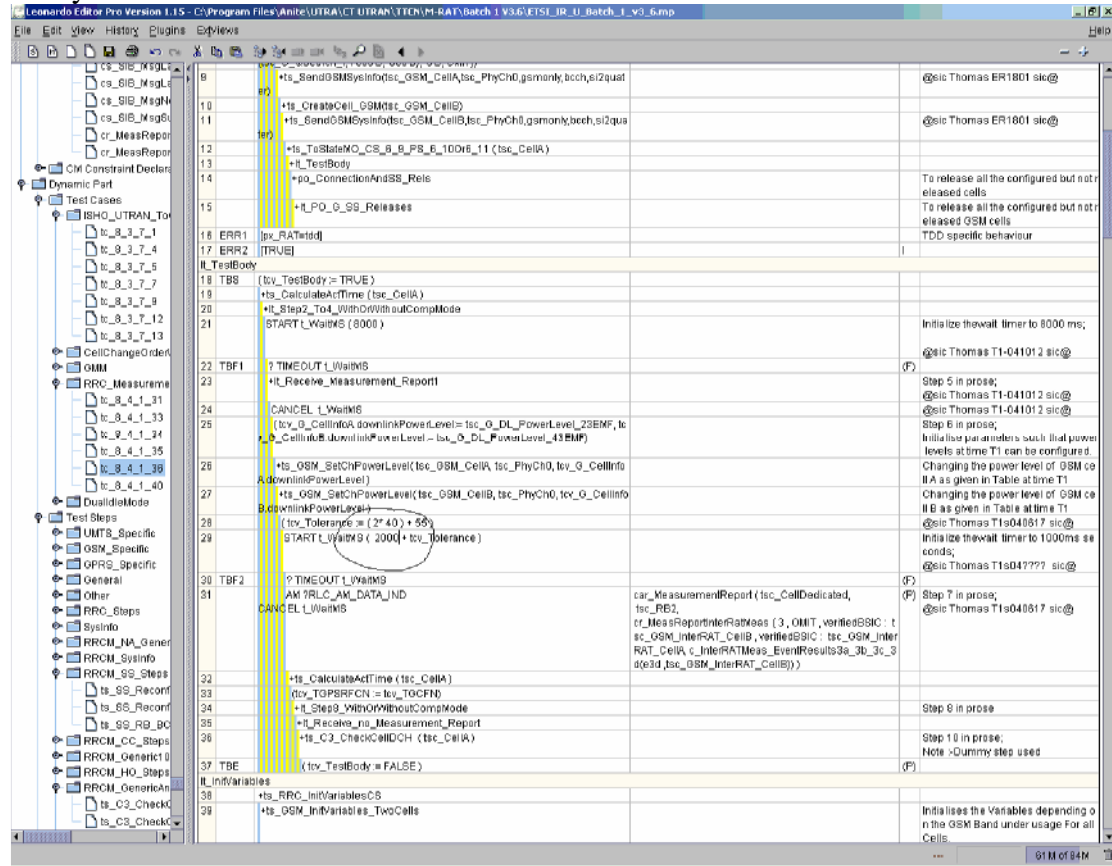
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- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to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

Before:
Wait timer is 1 sec + tol.

After:
Delay timer is increased to 2 seconds.



CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1221 # rev - # Current version: **3.8.0**

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 IR_U Package 2 test case 6.2.2.1		
Source:	# Aeroflex		
Work item code:	# N/A	Date:	# 28/01/05
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) Method B is not implemented properly
Summary of change:	# 1) Modified the handling of t_IdlePageTimer throughout the TC
Consequences if not approved:	# Testcase implementation may fail a 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:	#						

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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 Overview

This document gives details of the changes made to TTCN implementation for approved test case 6.2.2.1, which is part of IR_U test suite.

2 Changes

2.1 It_SubTest

TTCN object	tc_6_2_2_1
Reference ATS	IR_U_wk04
Change Label	AEROFLEX#IR_U 0321
Reason for change	UE will not be continuously paged with the current implementation if UE doesn't respond to every paging (due to the time taken for UE to do re-selection as a result of previous RRC connection Reject) during the idle time.
Summary of change	Though t_IdlePageTimer is handled in default it will not help in paging the UE at this interval periodically unless UE responds with RRC Connection request or Channel Request for every paging message. So in every loop wherever t_IdlePageTimer is involved t_IdlePageTimer is expected at the same level as RRC connection request and Channel Request. Following is one instance of the change.

	It_LocalTestCampUTRAN_CellAOnly		
0	(tcv_Idle := FALSE) START t_Idle(60)		
1	LOOP +t_Page		
2	(tcv_IdlePageTimer := FALSE) START t_IdlePageTimer		
3	[tcv_Idle = TRUE]		(P)
4	CANCEL t_IdlePageTimer		
5	+It_LocalTestCampUTRAN_CellA_Clean		
3	[tcv_Idle = FALSE]		
4	[tcv_IdlePageTimer = TRUE]		
5	GOTO LOOP2		
4	[tcv_IdlePageTimer = FALSE]		
5	TM?RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_CCCH_Mes	car_RRC_ConnRe	(P)
6	UMIRLC_UM_DATA_REQ	cas_RRC_ConnR	
7	GOTO LOOP2		
5	?TIMEOUT t_IdlePageTimer		
6	GOTO LOOP2		
5	G_L2 ? G_L2_ACCESS_IND	cabr_G_L2_ACCE	(F)
6	G_L2 ! G_L2_UNITDATA_REQ	cas_G_L2_UNITD	
7	+It_LocalTestCampUTRAN_CellA_Clean		
5	G_L2 ? G_L2_ACCESS_IND	cabr_G_L2_ACCE	(F)
6	G_L2 ! G_L2_UNITDATA_REQ	cas_G_L2_UNITD	
7	+It_LocalTestCampUTRAN_CellA_Clean		
	It_LocalTestCampUTRAN_CellA_Clean		

CHANGE REQUEST

34.123-3 CR 1222 # rev - # Current version: **3.8.0**

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 IR_U Package 4 Test Case 8.3.7.12		
Source:	# Aeroflex		
Work item code:	# N/A	Date:	# 28/01/05
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) CELL UPDATE CONFIRM has to be sent on Cell Dedicated if the Cell update cause is Radio Link failure and UE State (before cell update) is cell_dch 2) A delay of 100 ms is sufficient to allow cell update confirm message to be transmitted. If delay timer is increased UE may lose synchronisation and may send Cell Update message again. 3) The Handover Access Bursts sent are not consumed prior to postamble. As a result TC may fail as Handover Access Burst is assigned Fail verdict in postamble Default. 4) CELL UPDATE CONFIRM parameters not in line with prose
Summary of change:	#	<ol style="list-style-type: none"> 1) At line41, in the constraint cas_RRC_CellUpdateCnf used tsc_CellDedicated as Cell id. 2) At line 42 reduced the delay timer to 100 ms 3) After Handover from UTRAN failure message added two rows to introduce a wait timer for consuming Handover access burst messages sent earlier 4) Updated DPCH_Offset and DPCH_Frameoffset to match the prose. Also updated the ts_SS_ReconfigFACH_ToSpeech to configure with DPCH offset of 0.

Consequences if not approved: ⌘ Testcase implementation may fail a conformant UE.

Clauses affected: ⌘ N/A

	Y	N		
Other specs affected:	⌘	X	Other core specifications	⌘
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

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1 Overview

This document gives details of the changes made to TTCN implementation for approved test case 6.2.2.1, which is part of IR_U test suite.

2 Changes

2.2 It_SubTest

TTCN object	tc_8_3_7_12
Reference ATS	IR_U_wk04
Change Label	AEROFLEX#IR_U 0331
Reason for change	CELL UPDATE CONFIRM has to be sent on Cell Dedicated if the Cell update cause is Radio Link failure and UE State (before cell update) is cell_dch
Summary of change	Changed Cell Id in the constraint cas_RRC_CellUpdate_Cnf from tsc_CellA to tsc_CellDedicated.

40		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, OMIT)	
41		UM!RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH(tcv_CellIndInfo.dl_IntegrityCheckInfo,tcv_RRC_Ti, tcv_CellInfoA.uRNTI, OMIT, cell_DCH, c_UL_ChReqDPCH_InfoDCH_Speech(tcv_CellInfoA.uL_ScramblingCode), cd_DL_CommonInformationDCH_DPCH_Offset (tsc_DL_DPCH1_SFP_Speech), c_DL_InfoPerRL_DPCH_Offset(tcv_CellInfoA.priScrmCode, tsc_SecScrmCode_2, tsc_Sfc128)))

2.2 It_SubTest

TTCN object	tc_8_3_7_12
Reference ATS	IR_U_wk04
Change Label	AEROFLEX#IR_U 0332
Reason for change	A delay of 100 ms is sufficient to allow cell update confirm message to transmit. If the delay timer is increased, then UE may loose synchronisation and may send Cell Update message again.
Summary of change	At line 42 reduced the delay timer to 100 ms

Before Change

41	UM!RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo,tcv_RRC_Ti, tcv_CellInfoA.uRNTI, OMIT, cell_DCH, c_UL_ChReqDPCH_InfoDCH_Speech (tcv_CellInfoA.uL_ScramblingCode), cd_DL_CommonInformationDCH_DPCH_Offset (tsc_DL_DPCH1_SFP_Speech), c_DL_InfoPerRL_DPCH_Offset(tcv_CellInfoA.priScrmCode, tsc_SecScrmCode_2, tsc_Sfc128)))
42	+ts_RRC_Delay(200)	
43	+ts_SS_ReconfigFACH_ToSpeec h(tsc_CellA)	

After Change

41	UM!RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo,tcv_RRC_Ti, tcv_CellInfoA.uRNTI, OMIT, cell_DCH, c_UL_ChReqDPCH_InfoDCH_Speech (tcv_CellInfoA.uL_ScramblingCode), cd_DL_CommonInformationDCH_DPCH_Offset (tsc_DL_DPCH1_SFP_Speech), c_DL_InfoPerRL_DPCH_Offset(tcv_CellInfoA.priScrmCode, tsc_SecScrmCode_2, tsc_Sfc128)))
42	+ts_RRC_Delay(100)	
43	+ts_SS_ReconfigFACH_ToSpeec h(tsc_CellA)	

2.3 It_SubTest

TTCN object	tc_8_3_7_12
Reference ATS	IR_U_wk04
Change Label	AEROFLEX#IR_U 0333
Reason for change	The Handover Access Bursts sent are not consumed prior to postamble. As a result TC may fail as Handover Access Burst is assigned Fail verdict in postamble Default.
Summary of change	Added two rows after Handover from UTRAN failure, to introduce a wait timer of 1 s to consume the Handover Access Burst messages (sent earlier) in default handler.

Before change:

46		+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA,tcv_RRC_RAB_Type)	
47	TBP1	AM ?RLC_AM_DATA_IND	car_InterSystemHandoverFailure (tsc_CellDedicated, tsc_RB2, cbr_InterSystemHandoverFailure (tcv_RRC_Ti , physicalChannelFailure : NULL))
		t_FreqBand	
48		[(px_GSM_BandUnderTest = tsc_GSM_P_900Band_Test) OR (px_GSM_BandUnderTest = tsc_GSM_E_900Band_Test) OR (px_GSM_BandUnderTest = tsc_GSM_DCS1800Band_Test) OR (px_GSM_BandUnderTest = tsc_GSM_450Band_Test) OR (px_GSM_BandUnderTest =tsc_GSM_480Band_Test)]	
49		(tcv_FreqBand := dcs1800BandUsed)	
50		[(px_GSM_BandUnderTest = tsc_GSM_PCS1900Band_Test)]	
51		(tcv_FreqBand := pcs1900BandUsed)	

After change:

46		+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA,tcv_RRC_RAB_Type)	
47	TBP1	AM ?RLC_AM_DATA_IND	car_InterSystemHandoverFailure (tsc_CellDedicated, tsc_RB2, cbr_InterSystemHandoverFailure (tcv_RRC_Ti , physicalChannelFailure : NULL))
48		START t_WaitS(1)	
49		? TIMEOUT t_WaitS	
		t_FreqBand	
50		[(px_GSM_BandUnderTest = tsc_GSM_P_900Band_Test) OR (px_GSM_BandUnderTest = tsc_GSM_E_900Band_Test) OR (px_GSM_BandUnderTest = tsc_GSM_DCS1800Band_Test) OR (px_GSM_BandUnderTest = tsc_GSM_450Band_Test) OR (px_GSM_BandUnderTest =tsc_GSM_480Band_Test)]	
51		(tcv_FreqBand := dcs1800BandUsed)	
52		[(px_GSM_BandUnderTest = tsc_GSM_PCS1900Band_Test)]	
53		(tcv_FreqBand := pcs1900BandUsed)	

2.4 It_SubTest

TTCN object	tc_8_3_7_12
Reference ATS	IR_U_wk04
Change Label	AEROFLEX#IR_U 0334
Reason for change	CELL UPDATE CONFIRM parameters not in line with prose
Summary of change	Created new constraints cd_DL_CommonInformationDCH_DPCH_Offset_83712 and c_DL_InfoPerRL_DPCH_Offset_83712 and used it in Cell Update Confirm message at line no 42. Also Created ts_SS_ReconfigFACH_ToSpeech_83712 and used it in line no 44 instead of ts_SS_ReconfigFACH_ToSpeech

Before Change:

	It_SubTest	
34	AM ! RLC_HandoverReq	cabs_RLC_HandoverReq(
35	+ts_RRC_Delay(150)	
36	+ts_SS_ReconfigSpeechToFACH (tsc_CellA)	
37	G_L2 ?G_L2_ACCESS_IND	cabr_G_L2_ACCESS_IND(tsc_GSM_CellA ,tsc_G_
38	+ts_GSM_SetCellPowerLevel2Ch(tsc_GSM_CellA, tsc_PhyCh0 , tsc_G_TrchId1, tsc_ChPw	
39	TSP1 +ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoA.	
40	+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, OMIT)	
41	(tcv_CellInfoA.dl_DPCH_2ndScrCode := tsc_SecScrmCode_2)	
42	UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellInfoA.dl_IntegrityCheckInfo,tcv_RRC_TI, tcv_CellInfoA.uRNTI, OMIT, cell_DCH, c_UL_ChReqDPCH_InfoDCH_Speech (tcv_CellInfoA.ul_ScramblingCode), cd_DL_CommonInformationDCH_DPCH_Offset (tsc_DL_DPCH1_SFP_Speech), c_DL_InfoPerRL_DPCH_Offset(tcv_CellInfoA.priScrmCode, tcv_CellInfoA.dl_DPCH_2ndScrCode, tsc_Sfc128)))
43	+ts_RRC_Delay(150)	
44	+ts_SS_ReconfigFACH_ToSpeech (tsc_CellA)	
45	+ts_CRRC_ReconfRLC_Size(FALSE)	
46	ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoA.	

After Change:

	it_SubTest	
	AM!RLC_HandoverReq	cabs_RLC_HandoverReq(
	+ts_RRC_Delay(150)	
	+ts_SS_ReconfigSpeechToFACH (tsc_CellA)	
	G_L2 ?G_L2_ACCESS_IND	cabr_G_L2_ACCESS_IND(tsc_GSM_CellA ,tsc_G_TrchId1 ,9,15,?,?)
	+ts_GSM_SetCellPowerLevel2Ch(tsc_GSM_CellA, tsc_PhyC	
TSP1	+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_1	
	+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_Cell	
	(tcv_CellInfoA.dl_DPCH_2ndScrCode := tsc_SecScrmC	
	UM!RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellInfoA.dl_IntegrityCheckInfo,tcv_RRC_Ti, tcv_CellInfoA.uRNTI, OMIT, cell_DCH, c_UL_ChReqDPCH_InfoDCH_Speech (tcv_CellInfoA.ul_ScramblingCode), cd_DL_CommonInformationDCH_DPCH_Offset_83712 (tsc_DL_DPCH1_SFP_Speech), c_DL_InfoPerRL_DPCH_Offset_83712(tcv_CellInfoA.priScrmCode, tcv_CellInfoA.dl_DPCH_2ndScrCode, tsc_Sfc128)))
	+ts_RRC_Delay(150)	
	+ts_SS_ReconfigFACH_ToSpeech_83712 (tsc_Cell	
	+ts_CRLC_ReconfRLC_Size(FALSE)	
	+ts_RRC_ReceivePhyChReconfCmpl	



ts_SS_ReconfigFACH_ToSpeech_83712.html

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1223 # rev **-** # Current version: **3.8.0**

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 test step "ts_AT_TerminateCall".		
Source:	# Nokia, MCC task 160		
Work item code:	# TEI	Date:	# 24/01/2005
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 current TTCN implementation uses ATH command to disconnect a call. However, that doesn't necessarily work if the terminal is configured to use alternate services, for example "Alternate Speech/Facsimile". AT+CVHU=0 command is needed before ATH command for terminals, which have been configured to use the value AT+CVHU=1 by default. According to TS 27.007 clause "6.5 Hangup call +CHUP" specifies that the implementation of that command is "mandatory when alternating mode calls implemented in the TA". Annex G suggests to use AT+CHUP to disconnect a basic voice call.
Summary of change:	# 1. New test suite parameter declaration pc_CHUP_AT_CommandSupp. 2. Modified test step ts_AT_TerminateCall.
Consequences if not approved:	# There is no method to indicate support for alternate mode/services.

Clauses affected:	# TS 34.123-3 NAS ATS Test step "ts_AT_TerminateCall"										
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> </td><td>X</td></tr> <tr><td>X</td><td> </td></tr> <tr><td> </td><td>X</td></tr> </table> Other core specifications Test specifications O&M Specifications	Y	N		X	X			X	#	34.123-2
Y	N										
	X										
X											
	X										
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.

Change 1.

Declaration name *pc_CHUP_AT_CommandSupp*

Reason for change New parameter to indicate support for alternate mode/services.

Summary of change New test suite parameter declaration to hangup an alternating mode call.

TRUE if the AT command +CHUP (to hangup an alternating mode call is supported. Otherwise AT+ CVHU=0 command used.

Default value: FALSE

Parameter Name	pc_CHUP_AT_CommandSupp
Type	BOOLEAN
PICS/PIXIT Ref	34.123-2 Table A.20, 27.007 clause 6.5
Comments	TRUE if the AT command +CHUP (to hangup an alternating mode call) is supported. Default value: FALSE

Change 2.

Test step name *ts_AT_TerminateCall*

Reason for change Take alternate mode/services into account.

Summary of change Added flag for checking support to alternate services and added required messages.

Modified test step:

Test Step Name	ts_AT_TerminateCall
Group	L3M_UT_Steps/
Objective	To request the UE to terminate the call
Default	UT_OtherwiseFail
Comments	The ATH command is used (see TS 27.007 cl. 6.25)
Description	

Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		[pc_CHUP_AT_CommandSupp]			
2		Ut ! AT_CmdReq	ca_AT_CmdReq ("AT+CHUP<CR>")		
3		Ut ? AT_CmdCnf	ca_AT_CmdCnf		
4		[NOT (pc_CHUP_AT_CommandSupp)]			
5		Ut ! AT_CmdReq	ca_AT_CmdReq ("AT+CVHU=0 <CR>")		
6		Ut ? AT_CmdCnf	ca_AT_AnyRsp		
7		Ut ! AT_CmdReq	ca_AT_CmdReq ("ATH<CR>")		
8		Ut ? AT_CmdCnf	ca_AT_CmdCnf		

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3 CR 1224 # rev - #	Current version: 3.8.0 #

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:	# Wk51 regression error report on unapproved and approved Idle mode testcases 6.1.2.x		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 25/01/2005
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 report errors identified in section 6.1.2.x Idle mode testcases
Summary of change:	# See attached document
Consequences if not approved:	# Incorrect TTCN implementation

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	#
Y	N										
#	X										
#	X										
#	X										
		Test specifications	#								
		O&M Specifications	#								
Other comments:	#										

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Title: Wk51 regression error report on unapproved and approved
Idlemode testcases 6.1.2.x

Source: Rohde & Schwarz

Agenda Item: TTCN Issues

Document for: Regression error report

Contact: Thomas Moosburger
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Tel. +49 89 4129 11731

1 Overview

This document lists all the changes done, which are necessary to continue with the verification of the idlemode testcases.

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3 Corrections required for idle mode test cases

3.1 Introduction

This section describes the corrections done in TTCN to continue with verification. All modifications are marked with label "WA#IDLE<number>" for RRC related changes in the TTCN comments column of the enclosed ATS [1].

The ATS version used as basis was RRC_wk51.mp which is part of the iWD-TVB2003-03_D04wk51 release. This ATS, provided by MCC160 contains GCF package 1 to 4 test cases.

3.2 ts_SendDefSysInfo_6_1_2_6 (WA#IDLE3003)

Test step name	ts_SendDefSysInfo_6_1_2_6
Reason for change	According to 34.123-1, chap. 6.1.2.6.4 the value for q_Rxlevmin of Cell A & C should be set to -42 and for Cell B it should be set to -26 in Sib3/4 and in Sib11/12. The values in Sib11/12 are not set correctly
Summary of change	create teststep ts_SendDefSysInfo_6_1_2_6 based on ts_SendDefSysInfo_6_1_2_And6_2_2 to handle special Sib11 for Cell A, B & C of testcase 6126
Source of change	New Change
Label	WA#IDLE3003

Test Step					
Test Step Id:		ts_SendDefSysInfo_6_1_2_6 (p_CellId: INTEGER)			
Test Step Group Ref:		SysInfo/IdleModeSpecific/			
Objective:		To broadcast default system information.			
Defaults:		InitOtherwiseFail			
Comments:		@SIC_NAPP WA#IDLE3003			
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ ts_SetTmpCellInfo (p_CellId)			Fetch record corresponding to current cell
2		+ ts_UTRAN_GERAN_ParaInit (p_CellId)			
3		+ts_CellDependentPara (p_CellId)			
4		+ts_InitializeSIB2AndSIB18 (tcv_TmpCellInfo)			
5		+ts_ModifiedRegionalParaInit6_1_2 (p_CellId)			
6		+ts_InitializeSIB11_12_SIB12_6126 (p_CellId)			
7		(tcv_MIB := c_MIB_DefLongNeighCellInfo (tcv_TmpCellInfo), tcv_SIB1 := c_SIB1_DefLongNeighCellInfo)			
8		[px_RAT = fdd]			
9		+ts_SendSIB1_LongNeighCellInfo (c_SIB1_Diff (tcv_TmpCellInfo , m60 , s20), p_CellId, tsc_Now)			
10		+ts_SendSIB2_LongNeighCellInfo (c_SIB2_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)			
11		+ts_SendSIB3_LongNeighCellInfo (tcv_SIB3, p_CellId, tsc_Now)			
12		+ts_SendSIB4_LongNeighCellInfo (tcv_SIB4, p_CellId, tsc_Now)			
13		+ts_SendSIB5_LongNeighCellInfo (cb_SIB5_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)			
14		+ts_SendSIB6_LongNeighCellInfo (cb_SIB6_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)			
15		+ts_SendSIB7_LongNeighCellInfo (c_SIB7_Def, p_CellId, tsc_Now)			

		tsc_Now)			
16		+ts_SendSIB11_LongNeighCellInfo (tcv_SIB11, p_CellId, tsc_Now)			
17		+ts_SendSIB12_LongNeighCellInfo (tcv_SIB12, p_CellId, tsc_Now)			
18		+ts_SendSIB18_LongNeighCellInfo (c_SIB18_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)			
19		+ts_SendSB1_LongNeighCellInfo (tcv_SB1, p_CellId, tsc_Now)			
20		+ts_SendMIB (tcv_MIB, p_CellId, tsc_Now)			
21		+ts_SendPage1_ModifySI (p_CellId, tcv_MIB.mib_ValueTag)			
22		+ ts_SaveBackMIB_SB1 (p_CellId)			
23	ERR1	[px_RAT = tdd]		I	
24	ERR2	[TRUE]		I	
Detailed Comment:					

3.3 tc_6_1_2_6 : (WA#IDLE3004)

Test step name tc_6_1_2_6: line 5,11 & 13

Reason for change According to 34.123-1, chap. 6.1.2.6.4 the values for q_Rxlevmin of Cell A & C should be set to -42 and for Cell B it should be set to -26 in Sib3/4 and in Sib11/12. The values in Sib11/12 are not set correctly. The teststep ts_SendDefSysInfo_6_1_2_And6_2_2 does not set the right values for q_Rxlevmin

Summary of change replace in testcase 6126, line 5,11 & 13 the teststep ts_SendDefSysInfo_6_1_2_And6_2_2 with ts_SendDefSysInfo_6_1_2_6_2 to set the correct values of q_Rxlevmin in Sib11/12 of Cell A, B & C

Source of change New Change

Label WA#IDLE3004

Test Case					
Test Case Id:		tc_6_1_2_6			
Test Group Reference:		Idle_Mode/			
Purpose:		<p>1. To verify that the UE shall be able to initiate emergency calls when no suitable cells of the selected PLMN are available, but atleast one acceptable cell is available.</p> <p>2. To verify that the UE selects a cell with S>0 and CellBarred = Not Barred (i.e. an "acceptable cell") when no suitable cells of the selected PLMN are available.</p> <p>3. To verify that the UE ranks the acceptable cells according to the cell-ranking criterion R which in this test case equals Q as Qhyst, Qoffset, TEMP_OFFSET and PENALTY_TIME parameters are not used Treselection is not used either.</p>			
Configuration:					
Defaults:		RRC_Def1_Idle			
Comments:		@SIC_NAPP			
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_CreateCellFACH (tsc_CellC)			Configure lower tester
5		+ts_SendDefSysInfo_6_1_2_6 (tsc_CellC)			Sends the default system information in CellA WA#IDLE3004
6		+ts_MMI_Cmd ("Please insert the USIM card, with information given in 6.1.2.6")			
7		+ts_MMI_Cmd ("Please switch on the UE")			
8		+ts_RegistrationReject_Idle (tsc_CellC, cell_Fach_Dcch)			Reject the registration. making sure that PLMN is forbidden
9		+ts_MMI_Cmd ("Please switch off the UE")			
10		+ts_SS_CreateCellFACH (tsc_CellA)			Configure lower tester
11		+ts_SendDefSysInfo_6_1_2_6 (tsc_CellA)			Sends the default system information in CellC WA#IDLE3004

		tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoG, tcv_CellInfoH), tcv_SIB12 := cd_SIB12_RxlevMin_Freq2 (tcv_CellInfoF, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoG, tcv_CellInfoH))			
14		[p_CellID = tsc_CellG]			
15		(tcv_SIB11 := cd_SIB11_RxlevMin (tcv_CellInfoG, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoH, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF), tcv_SIB12 := cd_SIB12_RxlevMin (tcv_CellInfoG, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoH, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF))			
16		[p_CellID = tsc_CellH]			
17		(tcv_SIB11 := cd_SIB11_RxlevMin (tcv_CellInfoH, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoG, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF), tcv_SIB12 := cd_SIB12_RxlevMin (tcv_CellInfoH, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoG, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF))			
18		[TRUE]		I	no such cell
Detailed Comment:					

3.5 cd_SIB11_RxlevMin_6126_CellA (WA#IDLE3006)

Constraint name cd_SIB11_RxlevMin_6126_CellA

Reason for change According to 34.123-1, chap. 6.1.2.6.4 the values for q_Rxlevmin of Cell A & C should be set to -42 and for Cell B it should be set to -26 in Sib3/4 and in Sib11/12. The values in Sib11 are not set correctly. The constraints used in ts_InitializeSIB11_12_SIB12_Idle are not setting the correct values of q_Rxlevmin for Cell A

Summary of change Create new constraint cd_SIB11_RxlevMin_6126_CellA based on cd_SIB11_RxlevMin to set the correct values of q_Rxlevmin for Cell A

Source of change New Change

Label WA#IDLE3006

ASN.1 Type Constraint Declaration	
Constraint Name:	cd_SIB11_RxlevMin_6126_CellA (p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_IntraCellInfo4, p_IntraCellInfo5, p_InterCellInfo6, p_InterCellInfo7, p_InterCellInfo8 : CellInfoCfg)
Group:	
Type Name:	SysInfoType11
Derivation Path:	cb_SIB11_Def.
Encoding Variation:	
Comments:	@SIC_NAPP WA#IDLE3006
Constraint Value	
REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [1].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126_CellB, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [2].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [3].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [4].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList. [0].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList. [1].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList. [2].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126	
Detailed Comment:	

3.6 cd_SIB11_RxlevMin_6126_CellB (WA#IDLE3007)

Constraint name cd_SIB11_RxlevMin_6126_CellB

Reason for change According to 34.123-1, chap. 6.1.2.6.4 the values for q_Rxlevmin of Cell A & C should be set to -42 and for Cell B it should be set to -26 in Sib3/4 and in Sib11/12. The values in Sib11 are not set correctly. The constraints used in ts_InitializeSIB11_12_SIB12_Idle are not setting the correct values of q_Rxlevmin for Cell B

Summary of change Create new constraint cd_SIB11_RxlevMin_6126_CellB based on cd_SIB11_RxlevMin to set the correct values of q_Rxlevmin for Cell B

Source of change New Change

Label WA#IDLE3007

ASN.1 Type Constraint Declaration	
Constraint Name:	cd_SIB11_RxlevMin_6126_CellB (p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_IntraCellInfo4, p_IntraCellInfo5, p_InterCellInfo6, p_InterCellInfo7, p_InterCellInfo8 : CellInfoCfg)
Group:	
Type Name:	SysInfoType11
Derivation Path:	cb_SIB11_Def.
Encoding Variation:	
Comments:	@SIC_NAPP WA#IDLE3007
Constraint Value	
REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [1].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [2].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [3].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [4].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList. [0].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList. [1].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList. [2].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126	
Detailed Comment:	

3.7 cd_SIB11_RxlevMin_6126_CellC (WA#IDLE3008)

Constraint name cd_SIB11_RxlevMin_6126_CellC

Reason for change According to 34.123-1, chap. 6.1.2.6.4 the values for q_Rxlevmin of Cell A & C should be set to -42 and for Cell B it should be set to -26 in Sib3/4 and in Sib11/12. The values in Sib11 are not set correctly. The constraints used in ts_InitializeSIB11_12_SIB12_Idle are not setting the correct values of q_Rxlevmin for Cell C

Summary of change Create new constraint cd_SIB11_RxlevMin_6126_CellC based on cd_SIB11_RxlevMin to set the correct values of q_Rxlevmin for Cell C

Source of change New Change

Label WA#IDLE3008

ASN.1 Type Constraint Declaration	
Constraint Name:	cd_SIB11_RxlevMin_6126_CellC (p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_IntraCellInfo4, p_IntraCellInfo5, p_InterCellInfo6, p_InterCellInfo7, p_InterCellInfo8 : CellInfoCfg)
Group:	
Type Name:	SysInfoType11
Derivation Path:	cb_SIB11_Def.
Encoding Variation:	

Comments:	@SIC_NAPP WA#IDLE3008
Constraint Value	
REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP. intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [1].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP. intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [2].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126_CellB, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP. intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [3].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP. intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList. [4].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP. interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList. [0].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP. interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList. [1].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP. interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList. [2].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_RSCP_6126	
Detailed Comment:	

3.8 c_CellSelReselInfoSIB11_12_RSCP_6126 (WA#IDLE3009)

Constraint name	c_CellSelReselInfoSIB11_12_RSCP_6126
Reason for change	According to 34.123-1, chap. 6.1.2.6.4 the values for q_Rxlevmin of Cell A & C should be set to -42 and for Cell B it should be set to -26 in Sib3/4 and in Sib11/12. The values in Sib11 are not set correctly. The constraint c_CellSelReselInfoSIB11_12_RSCP_Idle does not use the correct value for q_Rxlevmin necessary for Cell A & C
Summary of change	Create new constraint c_CellSelReselInfoSIB11_12_RSCP_6126 based on c_CellSelReselInfoSIB11_12_RSCP_Idle to correct the value of q_Rxlevmin of Cell A & C for 6126 without affecting other testcase settings
Source of change	New Change
Label	WA#IDLE3009

ASN.1 Type Constraint Declaration	
Constraint Name:	c_CellSelReselInfoSIB11_12_RSCP_6126
Group:	
Type Name:	CellSelectReselectInfoSIB_11_12_RSCP
Derivation Path:	
Encoding Variation:	
Comments:	@SIC_NAPP WA#IDLE3009
Constraint Value	
<pre> { q_OffsetS_N 0, maxAllowedUL_TX_Power 21, modeSpecificInfo fdd : { { q_QualMin -24 , q_RxlevMin -41 -- IE*2+1 = -81 } } } </pre>	
Detailed Comment:	

3.9 c_CellSelReselInfoSIB11_12_RSCP_6126_CellB (WA#IDLE3010)

Constraint name	c_CellSelReselInfoSIB11_12_RSCP_6126_CellB
Reason for change	According to 34.123-1, chap. 6.1.2.6.4 the values for q_Rxlevmin of Cell A & C should be set to -42 and for Cell B it should be set to -26 in Sib3/4 and in Sib11/12. The values in Sib11 are not set correctly. The constraint

c_CellSelReselInfoSIB11_12_RSCP_Idle does not use the correct value for q_Rxlevmin necessary for Cell B

Summary of change

Create new constraint c_CellSelReselInfoSIB11_12_RSCP_6126_CellB based on c_CellSelReselInfoSIB11_12_RSCP_Idle to correct the value of q_Rxlevmin of Cell B for 6126 without affecting other testcase settings

Source of change

New Change

Label

WA#IDLE3010

ASN.1 Type Constraint Declaration	
Constraint Name:	c_CellSelReselInfoSIB11_12_RSCP_6126_CellB
Group:	
Type Name:	CellSelectReselectInfoSIB_11_12_RSCP
Derivation Path:	
Encoding Variation:	
Comments:	@SIC_NAPP WA#IDLE3010
Constraint Value	
<pre> { q_OffsetS_N 0, maxAllowedUL_TX_Power 21, modeSpecificInfo fdd : { q_QualMin -24 , q_RxlevMin -26 -- IE*2+1 = -51 } } </pre>	
Detailed Comment:	

3.10 tc_6_1_2_3: lt_InitVariables, line 6 & 7 (WA#IDLE3050 & WA#IDLE3051)

Test step name

tc_6_1_2_3: lt_InitVariables, line 6 & 7

Reason for change

In tc_6_1_2_3: lt_InitVariables, line 6 the variables for Cell B and in tc_6_1_2_3: lt_InitVariables, line 7 the variables for Cell C are initialized. In both lines the variables tcv_IdleSIB3_CellA and tcv_IdleSIB4_CellA are used and the variables for Sib3/4 of Cell B & C are not set to the correct values.

Summary of change

Change CellId in line 6 from A to B, and in line 7 from A to C

Source of change

New Change

Label

WA#IDLE3050 & WA#IDLE3051

Test Case					
Test Case Id:	tc_6_1_2_3				
Test Group Reference:	Idle_Mode/				
Purpose:	<p>1. Verify that the UE ignores cells with H<0 for reselection and that H is calculated from Qhcs. The modification of this parameter on the BCCH shall trigger the cell reselection evaluation process.</p> <p>2. Verify that the UE ranks cells based on both HCS priority and R. Qhyst, Qoffset, TEMP_OFFSET, PENALTY_TIME and Treselection are not applied so R equals CPICH_Ec/Io.</p>				
Configuration:					
Defaults:	RRC_Def1_Idle				
Comments:	@SIC_NAPP				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
lt_InitVariables					
21		+ts_RRC_InitVariables (cell_FACH)			
22		(tcv_CellInfoA := c_CellInfoDiff (tsc_CellA, px_PriScrmCode, tsc_URA_IdCellA, tsc_CRNTI , px_TCellA, tsc_SFN_OffsetA, tcv_FreqInfoMid, px_UL_ScramblingCode))			
23		(tcv_CellInfoB := c_CellInfoDiff (tsc_CellB, ((px_PriScrmCode + 50) MOD 512) , tsc_URA_IdCellB, tsc_CRNTI , px_TCellB, tsc_SFN_OffsetB, tcv_FreqInfoMid, (px_UL_ScramblingCode +1000) MOD 16777216))			
24		(tcv_CellInfoC := c_CellInfoDiff (tsc_CellC, ((px_PriScrmCode + 100) MOD 512) , tsc_URA_IdCellC, tsc_CRNTI , px_TCellC, tsc_SFN_OffsetC, tcv_FreqInfoMid, (px_UL_ScramblingCode +2000) MOD 16777216))			
25		(tcv_CellInfoA.mcc:=tsc_MCC_PLMN1,			Initialize

	<pre> 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_IdleSIB3_CellA := cd_SIB3_RSCP_HCS (tsc_CellA), tcv_IdleSIB4_CellA := cd_SIB4_RSCP_HCS (tsc_CellA), tcv_IdleSIB3_CellA.cellSelectReselectInfo.hcs_ServingCellInformation.hcs_PRI0:=6, tcv_IdleSIB4_CellA.cellSelectReselectInfo.hcs_ServingCellInformation.hcs_PRI0:=6, tcv_IdleSIB3_CellA.cellSelectReselectInfo.hcs_ServingCellInformation.q_HCS:=35, tcv_IdleSIB4_CellA.cellSelectReselectInfo.hcs_ServingCellInformation.q_HCS:=35) </pre>			CELL A Variable as the test case demands such that CPICH_Ec/Io is -13
26	<pre> (tcv_CellInfoB.attFlag := tsc_AttOff, tcv_CellInfoB.mcc:=tsc_MCC_PLMN1, tcv_CellInfoB.mnc:=tsc_MNC_PLMN1, tcv_CellInfoB.lac:=tsc_LAC_PLMN1, tcv_CellInfoB.rac:=tsc_RAC_PLMN1, tcv_CellInfoB.attenuationLevel:=tcv_CellInfoB.powerpCPICH+65, tcv_IdleSIB3_CellB := cd_SIB3_RSCP_HCS (tsc_CellB), tcv_IdleSIB4_CellB := cd_SIB4_RSCP_HCS (tsc_CellB), tcv_IdleSIB3_CellB.cellSelectReselectInfo.hcs_ServingCellInformation.hcs_PRI0:=7, tcv_IdleSIB4_CellB.cellSelectReselectInfo.hcs_ServingCellInformation.hcs_PRI0:=7, tcv_IdleSIB3_CellB.cellSelectReselectInfo.hcs_ServingCellInformation.q_HCS:=65, tcv_IdleSIB4_CellB.cellSelectReselectInfo.hcs_ServingCellInformation.q_HCS:=65) </pre>			Initialize CELL B Variable as the test case demands, such that CPICH_Ec/Io is -15 WA#IDLE3050 (CellA => CellB)
27	<pre> (tcv_CellInfoC.attFlag := tsc_AttOff, tcv_CellInfoC.mcc:=tsc_MCC_PLMN1, tcv_CellInfoC.mnc:=tsc_MNC_PLMN1, tcv_CellInfoC.lac:=tsc_LAC_PLMN1, tcv_CellInfoC.rac:=tsc_RAC_PLMN1, tcv_CellInfoC.attenuationLevel:=tcv_CellInfoC.powerpCPICH+70, tcv_IdleSIB3_CellC := cd_SIB3_RSCP_HCS (tsc_CellC), tcv_IdleSIB4_CellC := cd_SIB4_RSCP_HCS (tsc_CellC), tcv_IdleSIB3_CellC.cellSelectReselectInfo.hcs_ServingCellInformation.hcs_PRI0:=7, tcv_IdleSIB4_CellC.cellSelectReselectInfo.hcs_ServingCellInformation.hcs_PRI0:=7, tcv_IdleSIB3_CellC.cellSelectReselectInfo.hcs_ServingCellInformation.q_HCS:=65, tcv_IdleSIB4_CellC.cellSelectReselectInfo.hcs_ServingCellInformation.q_HCS:=65) </pre>			Initialize CELL C Variable as the test case demands, such that CPICH_Ec/Io is -17 WA#IDLE3051 (CellA => CellC)

3.11 ts_RegistrationReject_Idle, line 2,3,5 & 6 (WA#IDLE3053)

Constraint name	ts_RegistrationReject_Idle, line 2,3,5 & 6
Reason for change	In test step ts_RegistrationReject_Idle for all dedicated messages the parameter p_CellId is used, which is set in testcase 6.1.2.6 to CellId C.
Summary of change	Replace p_CellId for all dedicated message to tsc_CellDedicated
Source of change	New Change
Label	WA#IDLE3053
See table from WA#IDLE3055	

3.12 ts_RegistrationReject_Idle, line 4 & 7 (WA#IDLE3054)

Constraint name	ts_RegistrationReject_Idle, line 4 & 7
Reason for change	In line 4 & 7 the parameter for rrc release status is hardcoded to cell_Dch . In testcase 6.1.2.6 the teststep ts_RegistrationReject_Idle is used in CellFACH with a rrc release status set to cell_Fach_Dch
Summary of change	Replace rrc release status in line 4 & 7 with parameter p_rrc_rel_status
Source of change	New Change
Label	WA#IDLE3054
See table from WA#IDLE3055	

3.13 ts_RegistrationReject_Idle, line 1 & 5 (WA#IDLE3055)

Constraint name ts_RegistrationReject_Idle, line 1 & 5
Reason for change In line 1 & 5 UplinkDirectTransfer is used for AttachRequest and for Location Update Request message. Both messages are received as InitialDirectTransfer messages
Summary of change Replace car_PS_UplinkDirectTransfer with car_PS_InitDirectTransfer in line 1 and car_UplinkDirectTransfer with car_InitDirectTransfer in line 5
Source of change New Change
Label WA#IDLE3055

Test Step					
Test Step Id:	ts_RegistrationReject_Idle (p_CellId : INTEGER ;p_rrc_rel_status : RRC_Rel_Status)				
Test Step Group Ref:	IdleModeSpecific/				
Objective:	@SIC_NAPP Reject a registration attempt for CS or PS services.				
Defaults:	NAS_OtherwiseFail				
Comments:	For CS or PS registration, the UE will send either ATTACH REQUEST (GMM message) or LOCATION UPDATE REQUEST (MM message). Either request will be rejected. WA#IDLE3053, WA#IDLE3055				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ts_RRC_ConnEst (p_CellId, est_Reg, registration)			UE establishes a RRC connection
2		Dc ? RRC_DataInd	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (?, *, *, ?))		ATTACH REQUEST (GMM message with any contents)
3		Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachRej ('08'0))		ATTACH REJECT - GMM cause 'GPRS and non-GPRS services not allowed'
4		+ts_RRC_ConnRel (p_CellId, p_rrc_rel_status)			Release RRC connection WA#IDLE3054
5		Dc?RRC_DataInd	car_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cb_LocUpdReqAny (?))		LOCATION UPDATING REQUEST
6		Dc ! RRC_DataReq	ca_DataReq (tsc_CellDedicated, tsc_RB3, c_LocUpdRej (tsc_RejCauLA_Not))		LOCATION UPDATING REJECT
7		+ts_RRC_ConnRel (p_CellId, p_rrc_rel_status)			Release RRC connection WA#IDLE3054
Detailed Comment:					

3.14 tc_6_1_1_7: It_LocalTest, line 2 (WA#IDLE3056)

Test step name tc_6_1_1_7: It_LocalTest, line 2
Reason for change MMI "Please switch on UE" is send in ts_MMI_UE_SwitchOn from line 2 and in ts_IdleUpdated from line 6. It is not necessary to send the MMI twice
Summary of change Remove teststep ts_MMI_UE_SwitchOn in line 2
Source of change New Change
Label WA#IDLE3056

Test Case	
Test Case Id:	tc_6_1_1_7
Test Group Reference:	Idle_Mode/
Purpose:	To verify that in Manual Network Selection Mode Procedure, the UE can perform reselection to an equivalent PLMN.

Configuration:					
Defaults:		RRC_Def1			
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
lt_LocalTest					
17	TBS	(tcv_TestBody := TRUE)			
18		[TRUE]			WA#IDLE3056: MMI is send twice "ts_MMI_UE_SwitchOn"
19		(tcv_Use_E_PLMN := TRUE , tcv_E_PLMN := c_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 Tls040427 sic@
20		+ ts_MMI_PLMN_SelModeMan			@sic VB Tls040619 sic@
21		+ ts_MMI_PLMN_SelPerf (tcv_CellInfoA.mnc)			@sic VB Tls040619 sic@
22		+ts_IdleUpdated (tsc_CellA)			

3.15 ts_GMM_IdleUpdated: lt_IdleUpdated_NMO_I, line 25 (WA#IDLE3057)

Test step name	ts_GMM_IdleUpdated: lt_IdleUpdated_NMO_I, line 25
Reason for change	In line 25 LocationUpdateAccept is send without ePLMN. In the same test step a local test step lt_LocUpdAcc is defined to send a LocUpdAccept with or without the ePLMN depending on the variable tcv_Use_E_PLMN.
Summary of change	Replace line 25 & 26 (LocUpdAccept & TMSI reallocation complete) with local test step lt_LocUpdAcc to send depending on variable tcv_Use_E_PLMN the ePLMN.
Source of change	New Change
Label	WA#IDLE3057

Test Step					
Test Step Id:	ts_GMM_IdleUpdated (p_CellId : INTEGER)				
Test Step Group Ref:	BasicM_MM_GMM_Steps/				
Objective:	Turn on UE and register for PS or combined PS/CS services.				
Defaults:	NAS_OtherwiseFail				
Comments:	Initial conditions: - Cell referenced by p_CellId is configured and sending SysInfos on BCCH - UE is switched off with a valid Test USIM inserted Input paramters: - p_CellId referencing the Cell Global paramters used: - The SS will use global authentication paramters and keys which are generated in test Step ts_GMM_Authentication: tcv_AuthRAND, tcv_KeySeq, tcv_AuthAUTN, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM. - The SS will assign to the UE default values for P-TMSI, P-TMSI signature and (in case of combined PS/IMSI attach) TMSI.				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
Lt_IdleUpdated_NMO_I					
12		+ ts_MMI_UE_SwitchOn			
13		+ts_RRC_ConnEst (p_CellId, est_Reg, registration)			Establish RRC connection
14		[pc_AutomaticAttachSwitchON = TRUE]			Perform combined CS/PS procedure
15		+lt_AttachRequest			ATTACH REQUEST
16		+ts_GMM_Authentication (p_CellId)			AUTHENTICATION AND CIPHERING REQUEST AUTHENTICATION AND CIPHERING RESPONSE
17		+lt_SecurityMode			SECURITY MODE COMMAND SECURITY MODE COMPLETE
18		+lt_AttachAccept			ATTACH ACCEPT ATTACH COMPLETE
19		+lt_RRC_ConnRel			RRC connection release
20		[pc_AutomaticAttachSwitchON = FALSE]			First perform Location Update procedure, and

					then trigger UE via AT command to perform GPRS Attach
21		Dc?RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cb_LocUpdReqAny (?))		Any Location Update request
22		+ ts_SS_SecurityDownloadStart (cs_domain, tcv_Start)			
23		+ts_MM_Authentication (p_CellId)			Authentication
24		+ts_RRC_Security (p_CellId, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM, TRUE, cs_domain)			
25		+ lt_LocUpdAcc			Location Updating Accept, WA#IDLE3057
26		+lt_RRC_ConnRel			Release RRC connection

CHANGE REQUEST

34.123-3 CR 1225 # rev # Current version: **3.8.0**

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 3 NAS Test case 9_4_7		
Source:	# Anite		
Work item code:	# N/A	Date:	# 25/01/2005
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	R96	(GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R97	(Release 1996)
	B (addition of feature),	R98	(Release 1997)
	C (functional modification of feature)	R99	(Release 1998)
	D (editorial modification)	Rel-4	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-5	(Release 4)
		Rel-6	(Release 5)
			(Release 6)

Reason for change:	# In this testcase the UE needs to camp on to a cell which is a non-HPLMN cell. Some UEs may need more time for this. Also, there is a timer of 7 minutes as per 34.123-1 v 5.10.0 Sec 9.4.7.4 , Step 27 in expected sequence. The guard timer needs to be increased to 20*60sec.
Summary of change:	# Increased the guard timer to 20 minutes.
Consequences if not approved:	# The testcase may fail a 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>	Y	N	#	X	#	X	#	X	Other core specifications	#
Y	N										
#	X										
#	X										
#	X										
		Test specifications									
		O&M Specifications									
Other comments:	# IWD NAS_wk51 ATS is used as reference for TTCN changes.										

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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

Change 1.

TTCN Reference TC_9_4_7, line #1

Reason for change In this testcase the UE needs to camp on to a cell which is a non-HPLMN cell. Some UEs may need more time for this. Also, there is a timer of 7 minutes as per 34.123-1 v 5.10.0 Sec 9.4.7.4 , Step 27 in expected sequence. The guard timer needs to be increased to 20*60sec.

Summary of change Increased the guard timer to 20 minutes.

Before Change:

1	START_t_Guard(10*60)			Test takes 7 minutes at least @sic EWT1s040368 sic@
---	----------------------	--	--	--

After Change:

1	START_t_Guard(20*60)			Test takes 7 minutes at least @sic EWT1s040368 sic@
---	----------------------	--	--	--

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1226 # rev - # Current version: **3.8.0**

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 wk51 ATS.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 25/01/05
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	R96 (Release 1996)	2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R97 (Release 1997)	R96 (Release 1996)
	B (addition of feature),	R98 (Release 1998)	R97 (Release 1997)
	C (functional modification of feature)	R99 (Release 1999)	R98 (Release 1998)
	D (editorial modification)	Rel-4 (Release 4)	R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-5 (Release 5)	Rel-4 (Release 4)
		Rel-6 (Release 6)	Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# Correction of errors found in TTCN as part of Regression on wk51 ATS.		
Summary of change:	# This document lists all changes applied to wk49 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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4.1	Change 1	5

2 Corrections required for RRC_wk51 test suite

2.1 Change 1

Test step	RRC_Def1
Reason for change	The TTCN CR T1s040731, which was accepted by MCC 160 is not implemented correctly. At row 60 of the RRC_Def1 default test step the Constraint cr_DeactPDP_ContextReqMO is not replaced by cbr_Deact_PDP_ContextReq_MO used for Deactivate PDP context request message
Summary of change	At Row 60 replaced cr_DeactPDP_ContextReqMO with cbr_Deact_PDP_ContextReq_MO
Source of change	New change

3 Corrections required for NAS_wk51 test suite

3.1 Change 1

TTCN Reference ts_MM_RegistrationHandleAttachReqIMSI

local tree It_HandleAttachReqA

Reason for change Constant tsc_GMM_AttachTypePS_Only used to check attach type in place of constraint c_GMM_AttachTypePS_Only, to avoid check for 'FOR' bit.

Summary of change At line#11,
 (tcv_TmpAttachReqPDU.attachType = (c_GMM_AttachTypePS_Only)
 Replaced with
 (tcv_TmpAttachReqPDU.attachType.type = (tsc_GMM_AttachTypePS_Only)

Before change:

11	TSP1	[(tcv_TmpAttachReqPDU.attachType = (c_GMM_AttachTypePS_Only)) AND (tcv_TmpAttachReqPDU.ptmsiORimsi = (c_MobileIdIMSI_k)) AND (tcv_TmpAttachReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum (tcv_PS_KeySeq))) AND (tcv_TmpAttachReqPDU.tmsiStatus = (c_TMSI_StatusInvalid))]	(P)	Check the contents of / QUEST
12	TSF	[TRUE]	(F)	received ATTACH REQ s not match

After change:

11	TSP1	[(tcv_TmpAttachReqPDU.attachType.type = (tsc_GMM_AttachTypePS_Only)) AND (tcv_TmpAttachReqPDU.ptmsiORimsi = (c_MobileIdIMSI_w)) AND (tcv_TmpAttachReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum (tcv_PS_KeySeq))) AND (tcv_TmpAttachReqPDU.tmsiStatus = (c_TMSI_StatusInvalid)]	(P)	Check the contents of A QUEST
12	TSF	[TRUE]	(F)	received ATTACH REQ not match

4 Corrections required for RLC_wk51 test suite

4.1 Change 1

TTCN Reference tc_7_2_3_19

Reason for change "In local test step It_CheckPollBit, timer t_Dly is started, and after loop It_TxAndRx is completed, timer t_Dly is still running. However if timer t_Dly runs at the end of step It_TxAndRx it may run out BEFORE the postamble will be reached and this will result in test case failure.

Summary of change CANCEL timer t_Dly after It_TxAndRx

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CHANGE REQUEST

34.123-3 CR 1227 # rev - # Current version: **3.8.0**

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 P1 TC 8.4.1.3		
Source:	# Anite		
Work item code:	# N/A	Date:	# 25/01/2005
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 receiving measurement report at Step11, the upper bound timer is not being cancelled, which might cause test case failure in the postamble.
Summary of change:	# After line 32 of It_testbody, the upper bound timer is cancelled.
Consequences if not approved:	# Testcase implementation 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> </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.

Test step	line 33 of It_TestBody
Reason for change	After receiving measurement report at Step11, the upper bound timer is not being cancelled, which might cause test case failure in the postamble.
Summary of change	After line 32 of It_testbody, the upper bound timer is cancelled.
Source of change	new change

Before:

				A.priScrmCode, tcv_CellInfoB.priScrmCode, e1a))		
31	TBP3	Bound	? TIMEOUT t_Lower		(P)	@sic Thomas T1s040576 sic@
32	TBP4	_IND	AM ?RLC_AM_DATA	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@
33	TBF4	Bound	? TIMEOUT t_Upper		(F)	@sic Thomas T1s040576 sic@
34		ound	CANCEL t_UpperB			@sic Thomas T1s040576 sic@
35	TBE		(tcv_TestBody := FALSE)		(P)	
It_InitVariables						
36			+ts_RRC_InitVariablesPS (cell_FACH)			

After :

				crmCode, tcv_CellInfoB.priScrmCode, e1a))		
31	TBP3	und	? TIMEOUT t_LowerBo		(P)	@sic Thomas T1s040576 sic@
32	TBP4	IND	AM ?RLC_AM_DATA_	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@
33		nd	CANCEL t_UpperBou			@sic Thomas T1s040576 sic@
34			(tcv_TestBody := FALSE)			
35	TBF4	ound	? TIMEOUT t_UpperB		(F)	@sic Thomas T1s040576 sic@
36	TBE		(tcv_TestBody := FALSE)			
It_InitVariables						
37			+ts_RRC_InitVariablesPS (cell_FACH)			

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1228 # rev - # Current version: **3.8.0**

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 8.3.1.22 for removing check of "FOR" field value from ROUTING AREA UPDATING REQUEST message.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 25/01/05
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 TTCN implementation in test step ts_GMM_RAU_AcceptNMO_I for ROUTING AREA UPDATING REQUEST message, value of FOR (Follow on request) field equal to 0 (i.e. "No follow-on request pending") is checked. However TS 34.123-1 does not mention explicitly to check for FOR field. Also it is not the test case purpose to validate "FOR" bit explicitly at Step 14 of the expected sequence.
Summary of change:	# In the constraint c_GMM_UpdateTypeCombRA_LA_OrWithIMSI_Attach check for the FOR bit changed from '0'B to '?'
Consequences if not approved:	# TTCN implementation will not be as per the 34.123-1.

Clauses affected:	# tc_8_3_1_22				
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:	#				

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:

Constraint	c_GMM_UpdateTypeCombRA_LA_OrWithIMSI_Attach
Reason for change	In TTCN implementation in test step ts_GMM_RAU_AcceptNMO_I for ROUTING AREA UPDATING REQUEST message, value of FOR (Follow on request) field equal to 0 (i.e. "No follow-on request pending") is checked. However TS 34.123-1 does not mention explicitly to check for FOR field. Also it is not the test case purpose to validate "FOR" bit explicitly at Step 14 of the expected sequence.
Summary of change	In the constraint c_GMM_UpdateTypeCombRA_LA_OrWithIMSI_Attach check for the FOR bit changed from '0'B to '?'
Source of change	New change

Before :

Structured Type Constraint Declaration			
Constraint Name:	c_GMM_UpdateTypeCombRA_LA_OrWithIMSI_Attach		
Group:			
Type Name:	UpdateType_v		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type Encoding	Comments
for	'0'B		
value	('01'0'B,'001'B)		

After :

Structured Type Constraint Declaration			
Constraint Name:	c_GMM_UpdateTypeCombRA_LA_OrWithIMSI_Attach		
Group:			
Type Name:	UpdateType_v		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type Encoding	Comments
for	?		
value	('01'0'B,'001'B)		

CHANGE REQUEST

34.123-3 CR 1229 # rev - # Current version: **3.8.0**

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 12.9.14		
Source:	# Anite		
Work item code:	# N/A	Date:	# 25/01/05
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:	# According to 34.123-1v 5.10.0 Sec 12.9.14.4, in the expected test sequence, at Step 2 , the UE sends the ACTIVATE PDP CONTEXT REQ with traffic class as "Background class". In TTCN, in the teststep ts_AT_SetQoS , the QoS parameters are set by checking the parameters pc_Background and px_RRC_PS_ServTested . TTCN implementation should be independent of the PIXITS.
Summary of change:	# <ol style="list-style-type: none"> 1) Created a new test step ts_AT_SetQoS_Background where the QoS are set for a Background call. 2) In teststep ts_AT_OrgPS_CallBackgrd, instead of calling teststep ts_AT_SetQoS at line#3, called teststep ts_AT_SetQoS_Background.
Consequences if not approved:	# Test Case may fail a conformant UE.

Clauses affected:	# None								
Other specs affected:	# <table style="display: inline-table; vertical-align: middle;"> <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.

1.1 Change 1:

- TTCN Reference** ts_AT_OrgPS_CallBackgrd, line #3
- Reason for change** According to 34.123-1v 5.10.0 Sec 12.9.14.4, in the expected test sequence, at Step 2 , the UE sends the ACTIVATE PDP CONTEXT REQ with traffic class as "Background class". In TTCN, in the teststep ts_AT_SetQoS , the QoS parameters are set by checking the parameters pc_Background and px_RRC_PS_ServTested . TTCN implementation should be independent of the PIXITS.
- Summary of change** 1) Created a new test step ts_AT_SetQoS_Background where the QoS are set for a Background call.
- 2) In teststep ts_AT_OrgPS_CallBackgrd, instead of calling teststep ts_AT_SetQoS at line#3, called teststep ts_AT_SetQoS_Background.

Before change:

Test Step					
Test Step Id: ts_AT_OrgPS_CallBackgrd (p_CellId : INTEGER)					
Test Step Group Ref: GMM_InternalSteps/					
Objective: To originate a PDP Context from the UE .					
Defaults: UT_OtherwiseFail					
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		[pc_AT_SupportToInit_PS_Call = TRUE]			USE complete set of AT commands.
2		[TRUE]			@sic VB T1s040719 sic @
3		+ts_AT_SetQoS			
4		+ It_AssignAT_Cmd			

After change:

Test Step					
Test Step Id: ts_AT_OrgPS_CallBackgrd (p_CellId : INTEGER)					
Test Step Group Ref: GMM_InternalSteps/					
Objective: To originate a PDP Context from the UE .					
Defaults: UT_OtherwiseFail					
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		[pc_AT_SupportToInit_PS_Call = TRUE]			USE complete set of AT commands.
2		[TRUE]			@sic VB T1s040719 sic @
3		+ts_AT_SetQoS_Background			
4		+ It_AssignAT_Cmd			

New Test Step:

Test Step					
Test Step Id: ts_AT_SetQoS_Background					
Test Step Group Ref: L3M_UT_Steps/					
Objective: This Step sets the QoS					
Defaults: UT_OtherwiseFail					
Comments:					
Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		(tcv_AT_Cmd := ("AT+CGEQREQ=1,3,64,64,,,1,320,""1E4""""1E5""",1,,<CR>"))			
1		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
2		Ut ? AT_CmdCnf	ca_AT_CmdCnf		

CHANGE REQUEST

34.123-3 CR 1230 # rev - # Current version: **3.8.0**

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 wk51 ATS.		
Source:	# Aeroflex		
Work item code:	# N/A	Date:	# 25/01/2005
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 wk51 ATS.
Summary of change:	# This document lists all changes applied to wk51 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;">#</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="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> Test specifications #	Y	N	#	X
Y	N				
#	X				
	<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> O&M Specifications #	Y	N	#	X
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 Table of Contents

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2 Corrections required for ATS RRC_wk51 test suite

2.1 ATS RRC: tc_8_4_1_3

Test case	Tc_8_4_1_3
Reason for change	Timers are not cancelled when needed, causing the test case fail due to ?Timeout event in default test step RRC_Def1 Timer t_LowerBound should be cancelled in line 30. Timer t_UpperBound should be cancelled in line 32.
Summary of changes	In tc_8_4_1_3, Add CANCEL t_LowerBound in line 30. Add CANCEL t_UpperBound in line 32.

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1231 # rev - # Current version: **3.8.0**

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 34.123-3, section 16, SMS test cases regarding Validity Period Formats		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 25/01/2005
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:	# Error was identified during the Wk47 ATS regression testing.
Summary of change:	# This document lists the changes required to pass the SMS test cases when UEs are using validity period formats different from 'relative'.
Consequences if not approved:	# Conformant UEs may fail this test case

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="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:	#				

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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 SMS ATS

1.1 cr_RP_UserData02_Iv

Constraint name	cr_RP_UserData02_Iv
Reason for change	Constraint handles short messages using VPF relative format only
Summary of change	Alternative constraints added handling messages using VPF not present, absolute and enhanced fomats
Source of change	New change

Before:

Structured Type Constraint Declaration			
Constraint Name:	cr_RP_UserData02_Iv		
Group:			
Type Name:	RP_UserData_Iv		
Derivation Path:			
Encoding Variation:			
Comments:	@sic EW ER 1894 sic@		
Element Name	Element Value	Type Encoding	Comments
iel	?		
tp_COMMAND	-		
tp_DELIVER_REPORT	-		
tp_SUBMIT	cr_TP_SUBMIT_01		
tp_DELIVER	-		
tp_SUBMIT_REPORT	-		
tp_STATUS_REPORT	-		

After:

Structured Type Constraint Declaration			
Constraint Name:	cr_RP_UserData02_Iv		
Group:			
Type Name:	RP_UserData_Iv		
Derivation Path:			
Encoding Variation:			
Comments:	@sic EW ER 1894 sic@		
Element Name	Element Value	Type Encoding	Comments
iel	?		
tp_COMMAND	-		
tp_DELIVER_REPORT	-		
tp_SUBMIT	(cr_TP_SUBMIT_01, cr_TP_SUBMIT_01_VPF_NP, cr_TP_SUBMIT_01_VPF_ABS, cr_TP_SUBMIT_01_VPF_ENH)		
tp_DELIVER	-		
tp_SUBMIT_REPORT	-		
tp_STATUS_REPORT	-		

1.2 cr_RP_UserData13_Iv

Constraint name	cr_RP_UserData13_Iv
Reason for change	Constraint handles short messages using VPF relative format only
Summary of change	Alternative constraints added handling messages using VPF not present, absolute and enhanced fomats
Source of change	New change

Before:

Structured Type Constraint Declaration			
Constraint Name:	cr_RP_UserData13_Iv		
Group:			
Type Name:	RP_UserData_Iv		
Derivation Path:			
Encoding Variation:			
Comments:	@sic EW ER 1796 sic@, @sic EW ER 1894 sic@		
Element Name	Element Value	Type Encoding	Comments
iel	?		
tP_COMMAND	-		
tP_DELIVER_REPORT	-		
tP_SUBMIT	cr_TP_SUBMIT_04		
tP_DELIVER	-		
tP_SUBMIT_REPORT	-		
tP_STATUS_REPORT	-		

After:

Structured Type Constraint Declaration			
Constraint Name:	cr_RP_UserData13_Iv		
Group:			
Type Name:	RP_UserData_Iv		
Derivation Path:			
Encoding Variation:			
Comments:	@sic EW ER 1796 sic@, @sic EW ER 1894 sic@		
Element Name	Element Value	Type Encoding	Comments
iel	?		
tP_COMMAND	-		
tP_DELIVER_REPORT	-		
tP_SUBMIT	(cr_TP_SUBMIT_04, cr_TP_SUBMIT_04_VPF_NP, cr_TP_SUBMIT_04_VPF_ABS, cr_TP_SUBMIT_04_VPF_ENH		
tP_DELIVER	-		
tP_SUBMIT_REPORT	-		
tP_STATUS_REPORT	-		

1.3 cr_TP_SUBMIT_01

Constraint name	cr_TP_SUBMIT_01
Reason for change	Constraint does not check VPF
Summary of change	VPF indicator check added
Source of change	New change

Before:

Structured Type Constraint Declaration			
Constraint Name:	cr_TP_SUBMIT_01		
Group:			
Type Name:	SMS_SUBMIT		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type Encoding	Comments
tp_ReplyPath	?		
tp_UD_HeaderInd	?		
tp_StatusRptReq	?		
tp_ValPeriodFrmt	?		
tp_RejDuplicates	?		
tp_MsgTypeInd	'01'B		
tp_MsgRef	?		
tp_DestAddr	cr_TP_DestAddr01		
tp_Protid	c_TP_Protid01		
tp_DataCodingScheme	c_TP_DCS_01		
tp_ValPeriodRel	?		
tp_ValPeriodAbs	-		
tp_ValPeriodEnh	-		
tp_UD_Len	?		
tp_UserData	?		

After:

Structured Type Constraint Declaration			
Constraint Name:	cr_TP_SUBMIT_01		
Group:			
Type Name:	SMS_SUBMIT		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type Encoding	Comments
tp_ReplyPath	?		
tp_UD_HeaderInd	?		
tp_StatusRptReq	?		
tp_ValPeriodFrmt	'10'B		
tp_RejDuplicates	?		
tp_MsgTypeInd	'01'B		
tp_MsgRef	?		
tp_DestAddr	cr_TP_DestAddr01		
tp_Protid	c_TP_Protid01		
tp_DataCodingScheme	c_TP_DCS_01		
tp_ValPeriodRel	?		
tp_ValPeriodAbs	-		
tp_ValPeriodEnh	-		
tp_UD_Len	?		
tp_UserData	?		

1.4 cr_TP_SUBMIT_04

Constraint name	cr_TP_SUBMIT_04
Reason for change	Constraint does not check VPF
Summary of change	VPF indicator check added
Source of change	New change

Before:

Structured Type Constraint Declaration			
Constraint Name:	cr_TP_SUBMIT_04		
Group:			
Type Name:	SMS_SUBMIT		
Derivation Path:			
Encoding Variation:			
Comments:	MO SMS with maximum amount of user data @sic EW ER 1796 sic@		
Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	?		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_Protd	c_TP_Protd01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	?		
tP_ValPeriodAbs	-		
tP_ValPeriodEnh	-		
tP_UD_Len	o_IntToOct(px_MaxNumOfChars, 1)		
tP_UserData	?		

After:

Structured Type Constraint Declaration			
Constraint Name:	cr_TP_SUBMIT_04		
Group:			
Type Name:	SMS_SUBMIT		
Derivation Path:			
Encoding Variation:			
Comments:	MO SMS with maximum amount of user data @sic EW ER 1796 sic@		
Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'10'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_Protd	c_TP_Protd01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	?		
tP_ValPeriodAbs	-		
tP_ValPeriodEnh	-		
tP_UD_Len	o_IntToOct(px_MaxNumOfChars, 1)		
tP_UserData	?		

1.5 cr_TP_SUBMIT_01_VPF_NP

Constraint name	cr_TP_SUBMIT_01_VPF_NP
Reason for change	Constraint needed to check VPF Not present
Summary of change	Constraint created from cr_TP_SUBMIT_01
Source of change	New change

Structured Type Constraint Declaration			
Constraint Name:	cr_TP_SUBMIT_01_VPF_NP		
Group:			
Type Name:	SMS_SUBMIT		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'00'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_ProtdId	c_TP_ProtdId01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	-		
tP_ValPeriodAbs	-		
tP_ValPeriodEnh	-		
tP_UD_Len	?		
tP_UserData	?		

1.6 cr_TP_SUBMIT_04_VPF_NP

Constraint name	cr_TP_SUBMIT_04_VPF_NP
Reason for change	Constraint needed to check VPF Not present
Summary of change	Constraint created from cr_TP_SUBMIT_04
Source of change	New change

Structured Type Constraint Declaration			
Constraint Name:	cr_TP_SUBMIT_04_VPF_NP		
Group:			
Type Name:	SMS_SUBMIT		
Derivation Path:			
Encoding Variation:			
Comments:	MO SMS with maximum amount of user data		
Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'00'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_ProtdId	c_TP_ProtdId01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	-		
tP_ValPeriodAbs	-		
tP_ValPeriodEnh	-		
tP_UD_Len	o_IntToOct(px_MaxNumOfChars, 1)		
tP_UserData	?		

1.7 cr_TP_SUBMIT_01_VPF_ABS

Constraint name	cr_TP_SUBMIT_01_VPF_ABS
Reason for change	Constraint needed to check VPF Absolute
Summary of change	Constraint created from cr_TP_SUBMIT_01
Source of change	New change

Structured Type Constraint Declaration			
Constraint Name:	cr_TP_SUBMIT_01_VPF_ABS		
Group:			
Type Name:	SMS_SUBMIT		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'11'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_ProtdId	c_TP_ProtdId01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	-		
tP_ValPeriodAbs	?		
tP_ValPeriodEnh	-		
tP_UD_Len	?		
tP_UserData	?		

1.8 cr_TP_SUBMIT_04_VPF_ABS

Constraint name	cr_TP_SUBMIT_04_VPF_ABS
Reason for change	Constraint needed to check VPF Absolute
Summary of change	Constraint created from cr_TP_SUBMIT_04
Source of change	New change

Structured Type Constraint Declaration			
Constraint Name:	cr_TP_SUBMIT_04_VPF_ABS		
Group:			
Type Name:	SMS_SUBMIT		
Derivation Path:			
Encoding Variation:			
Comments:	MO SMS with maximum amount of user data		
Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'11'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_Protid	c_TP_Protid01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	-		
tP_ValPeriodAbs	?		
tP_ValPeriodEnh	-		
tP_UD_Len	o_IntToOct(px_MaxNumOfChars, 1)		
tP_UserData	?		

1.9 cr_TP_SUBMIT_01_VPF_ENH

Constraint name	cr_TP_SUBMIT_01_VPF_ENH
Reason for change	Constraint needed to check VPF Enhanced
Summary of change	Constraint created from cr_TP_SUBMIT_01
Source of change	New change

Structured Type Constraint Declaration			
Constraint Name:	cr_TP_SUBMIT_01_VPF_ENH		
Group:			
Type Name:	SMS_SUBMIT		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'01'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_Protd	c_TP_Protd01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	-		
tP_ValPeriodAbs	-		
tP_ValPeriodEnh	cr_TP_ValPeriodEnhAny		
tP_UD_Len	?		
tP_UserData	?		

1.10 cr_TP_SUBMIT_04_VPF_ENH

Constraint name cr_TP_SUBMIT_04_VPF_ENH

Reason for change Constraint needed to check VPF Enhanced

Summary of change Constraint created from cr_TP_SUBMIT_04

Source of change New change

Structured Type Constraint Declaration			
Constraint Name:	cr_TP_SUBMIT_04_VPF_ENH		
Group:			
Type Name:	SMS_SUBMIT		
Derivation Path:			
Encoding Variation:			
Comments:	MO SMS with maximum amount of user data @sic EW ER 1796 sic@		
Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'01'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_Protd	c_TP_Protd01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	-		
tP_ValPeriodAbs	-		
tP_ValPeriodEnh	cr_TP_ValPeriodEnhAny		
tP_UD_Len	o_IntToOct(px_MaxNumOfChars, 1)		
tP_UserData	?		

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1232 # rev - # Current version: **3.8.0**

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:	# Additional Corrections required for 14.4.2.2 test cases in the RAB ATS.		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 11/01/2005
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:	# It is necessary a delay before changing the CRNTI locally, in order to send the RAB setup message properly.
Summary of change:	# Added a delay of 80ms at row 2 between sending of Radio Bearer Setup message and Configuration on new CRNTI on the SS send.
Consequences if not approved:	# Conformant UE's may fail the affected test cases

Clauses affected:	# Test cases				
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"/>				
	<input checked="" type="checkbox"/> Test specifications				
	<input checked="" type="checkbox"/> O&M Specifications				
Other comments:	# Affected Test case: tc_14_4_2_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

1 RAB ATS

1.1 ts_SendRB_SetUp_FACH_2SCCPCH_32k (WA#RAB4513)

Test step name	ts_SendRB_SetUp_FACH_2SCCPCH_32k
Reason for change	It is necessary a delay before changing the CRNTI locally, in order to send the RAB setup message properly.
Summary of change	Added a delay of 80ms at row 2 between sending of Radio Bearer Setup message and Configuration on new CRNTI on the SS send.
Source of change	New change
Label	WA#RAB4513

Test Step					
Test Step Id: ts_SendRB_SetUp_FACH_2SCCPCH_32k (p_CellId: INTEGER, p_RAB_Id: BITSTRING)					
Test Step Group Ref: RB_Steps/RB_Setup/					
Objective: To setup a RADIO BEARER cell_FACH_2SCCPCH_StandAlonePCH_PS and to reconfigure the SS accordingly.					
Defaults: RRC_Def1					
Comments:					
...	La...	Behaviour Description	Constraint Ref	...	Comments
1		+ts_SetTmpCellInfo (p_CellId)			
2		AM RLC_AM_DATA_REQ	cas_RB_SetUpAM (tsc_CellDedicated, tsc_RB2, obs_108_RB_SetUpFACH_PS (tcr_CellInfo.d.IntegrityCheckInfo, tcr_RRC_TI, p_RAB_Id, tev_TmpCellInfo.cRNTI))		@sic T1 s040430 sic@
3		+ts_RRC_Delay(80)			WA#RAB#4513
4		+ts_CMAC_New_RNTI_Reconf_2scpch (FALSE, p_CellId, tev_TmpCellInfo.uRNTI,tev_TmpCellInfo.cRNTI)			@sic T1 s040430 sic@
5	TSP	+ts_RRC_ReceiveRB_SetupCmpl (p_CellId, cell_FACH_2SCCPCH_StandAlonePCH_PS)			

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3	# CR 1233 # rev - # Current version: 3.8.0 #

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:	# Revised corrections to approved IR_U test cases 6_2_1_1, 6_2_1_7 and 6_2_1_8.		
Source:	# Rohde&Schwarz		
Work item code:	# N/A	Date:	# 20/01/05
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 IR_U test cases 6_2_1_1, 6_2_1_7 and 6_2_1_8.
Summary of change:	# The main error to be corrected is the wrong configuration of UTRAN cell B in 6_2_1_1.
Consequences if not approved:	# Test case 6_2_1_1 will not fulfill its purposes and will not run correctly. Some comments in 6_2_1_7 and 6_2_1_8 will be incorrect.

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	#
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.

01 Jan - 31 Dec 2005

Title: Corrections to approved IR_U test cases 6_2_1_1, 6_2_1_7 and 6_2_1_8

Source: Rohde & Schwarz

Agenda Item: TTCN Issues

Document for: Correction

Contact: Holger Jauch
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Tel. +49 89 4129 11534

1 Overview

This document is a CR on several high priority test cases of group 6.2.1. It lists errors found during verification work on this group.

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3 Verification Test Summary

Test Cases: 6_2_1_1, 6_2_1_7 and 6_2_1_8

Test Group: DualIdleMode/

ATS Version: IR_U_wk51.mp

4 Corrections required for test cases 6.2.1.n

4.1 Introduction

This CR presents corrections on DualIdleMode test cases (group 6.2.1) detected during verification. Previous CR T1s040764 [2] on the same subject was partially rejected by ETSI, so the current consolidated CR contains only those changes previously accepted by ETSI.

All proposed changes are explicitly described in this CR.

Since the textual replacements proposed here are marginal (replacement of single characters), no ATS is provided as supplementary information.

Annex A contains a table listing all change label/affected object combinations.

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_11_1</i>
Reference ATS	IR_U_wk51.mp [1]
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></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 test case behaviour tables

4.3.1 tc_6_2_1_1

TTCN object	tc_6_2_1_1
Reference ATS	IR_U_wk51.mp [1]
Change Label	WA#2G3RRC0428
Reason for change	In It_ITU_BandSpecificInitializing, under [px_OperationBandSupp = 2], in the initialization of Cell B, px_TCellC is applied instead of px_TCellB.
Summary of change	Replace px_TCellC by px_TCellB.
Other affected objects	
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 Guard			

It_ITU_BandSpecificInitializing					
48		[px_OperationBandSupp = 1]			
49		(tcv_CellInfoA := c_CellInfoDiff (tsc_CellA, ((px_PrjScrmCode) MOD 512), tsc_URA_IdCellA, tsc_CRNTI, px_TCellA, tsc_SFN_OffsetA, c_FreqInfoCh1, ((px_UL_ScramblingCode +1000) MOD 16777216)))			
50		(tcv_CellInfoB := c_CellInfoDiff (tsc_CellB, ((px_PrjScrmCode + 50) MOD 512), tsc_URA_IdCellB, tsc_CRNTI, px_TCellB, tsc_SFN_OffsetB, c_FreqInfoCh2, ((px_UL_ScramblingCode +2000) MOD 16777216)))			
51		[px_OperationBandSupp = 2]			
52		(tcv_CellInfoA := c_CellInfoDiff (tsc_CellA, ((px_PrjScrmCode) MOD 512), tsc_URA_IdCellA, tsc_CRNTI, px_TCellA, tsc_SFN_OffsetA, c_FreqInfoCh1_Band2, ((px_UL_ScramblingCode +1000) MOD 16777216)))			
53		(tcv_CellInfoB := c_CellInfoDiff (tsc_CellB, ((px_PrjScrmCode + 50) MOD 512), tsc_URA_IdCellB, tsc_CRNTI, px_TCellB, tsc_SFN_OffsetB, c_FreqInfoCh2_Band2, ((px_UL_ScramblingCode +2000) MOD 16777216)))			WA#2G3RRC0428
54		[px_OperationBandSupp = 3]			
55		(tcv_CellInfoA := c_CellInfoDiff (tsc_CellA, ((px_PrjScrmCode + 50) MOD 512), tsc_URA_IdCellA, tsc_CRNTI, px_TCellA, tsc_SFN_OffsetA, c_FreqInfoCh1_Band3, ((px_UL_ScramblingCode +1000) MOD 16777216)))			
56		(tcv_CellInfoB := c_CellInfoDiff (tsc_CellB, ((px_PrjScrmCode + 50) MOD 512), tsc_URA_IdCellB, tsc_CRNTI, px_TCellB, tsc_SFN_OffsetB, c_FreqInfoCh2_Band3, ((px_UL_ScramblingCode +2000) MOD 16777216)))			

Detailed Comment:

4.3.2 tc_6_2_1_7

TTCN object	tc_6_2_1_7
Reference ATS	IR_U_wk51.mp [1]
Change Label	WA#2G3RRC0116
Reason for change	There are invalid references to CellIds in 'Comments' column.
Summary of change	Refer to cellB/cellC instead of cellC/cellE.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_6_2_1_7
Test Group Reference:	DualIdleMode/
Purpose:	1. To verify that, 1.1 the UE selects the UPLMN RAT according to the UPLMN RAT priority list on the USIM. 1.2 If no RAT on the list is available, the UE does not try to obtain registration on the same PLMN with another RAT but instead searches for PLMNs in the OPLMN list.
Configuration:	
Defaults:	IntersystemDef
Comments:	@SIC_NAPP

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START_1_Guard(540)			@sic: ER2055 sic@

InitVariables					
40		+ts_RRC_InitVariables(cell_FACH)			
41		+ts_GSM_InitVariables_TwoCells			Initialises the Variables depending on the GSM Band under usage For all Cells.
42		+it_ITU_BandSpecificInitializing			
43		(tcv_CellInfoA.mcc:=tsc_MCC_PLMN3,tcv_CellInfoA.mnc:=tsc_MNC_PLMN3,tcv_CellInfoA.lac:=tsc_LAC_PLMN3,tcv_CellInfoA.rac:=tsc_RAC_PLMN3,tcv_CellInfoA.attenuationLevel:=tcv_CellInfoA.powerCPICH+70,tcv_CellInfoA.attFlag := tsc_AttOn)			Initialize CELL A Variable as the test case demands
44		(tcv_CellInfoB.mcc:=tsc_MCC_PLMN4,tcv_CellInfoB.mnc:=tsc_MNC_PLMN4,tcv_CellInfoB.lac:=tsc_LAC_PLMN4,tcv_CellInfoB.rac:=tsc_RAC_PLMN4,tcv_CellInfoB.attenuationLevel:=tcv_CellInfoB.powerCPICH+75,tcv_CellInfoB.attFlag := tsc_AttOn)			Initialize CELL B Variable as the test case demands WA#2G3RRC0116
45		(tcv_CellInfoC.mcc:=tsc_MCC_PLMN5,tcv_CellInfoC.mnc:=tsc_MNC_PLMN5,tcv_CellInfoC.lac:=tsc_LAC_PLMN5,tcv_CellInfoC.rac:=tsc_RAC_PLMN5,tcv_CellInfoC.attenuationLevel:=tcv_CellInfoC.powerCPICH+80,tcv_CellInfoC.attFlag := tsc_AttOn)			Initialize CELL C Variable as the test case demands WA#2G3RRC0116
46		(tcv_G_CellInfoA.mcc:=tsc_MCC_PLMN3,tcv_G_CellInfoA.mnc:=tsc_MNC_PLMN3,tcv_G_CellInfoA.lac:=tsc_LAC2_PLMN3,tcv_G_CellInfoA.downlinkPowerLevel:=tsc_G_DL_PowerLevel_65EMF)			Initialize CELL A Variable as the test case demands @sic: T1-040647 sic@
47		(tcv_G_CellInfoB.mcc:=tsc_MCC_PLMN4,tcv_G_CellInfoB.mnc:=tsc_MNC_PLMN4,tcv_G_CellInfoB.lac:=tsc_LAC2_PLMN4,tcv_G_CellInfoB.downlinkPowerLevel:=tsc_G_DL_PowerLevel_65EMF)			Initialize CELL B Variable as the test case demands @sic: T1-040647 sic@

4.3.3 tc_6_2_1_8

TTCN object	tc_6_2_1_8
Reference ATS	IR_U_wk51.mp [1]
Change Label	WA#2G3RRC0119
Reason for change	There are invalid references to CellIds in 'Comments' column.
Summary of change	Refer to cellB/cellC instead of cellC/cellE.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_6_2_1_8
Test Group Reference:	DualIdleMode/
Purpose:	1. To verify that, 1.1 the UE selects the OPLMN RAT according to the OPLMN RAT priority list on the USIM. 1.2 If no RAT on the list is available, the UE does not try to obtain registration on the same PLMN(s) with another RAT(s) but instead searches for ' other PLMN/access technology combinations with received high quality signal in random order'.
Configuration:	
Defaults:	IntersystemDef
Comments:	@SIC_NAPP

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START_t_Guard			

... it_InitVariables					
44		+ts_RRC_InitVariables(cell_FACH)			
45		+ts_GSM_InitVariables_TwoCells			Initialises the Variables depending on the GSM Band under usage For all Cells.
46		+it_ITU_BandSpecificInitializing			
47		(tcv_CellInfoA.mcc:=tsc_MCC_PLMN5,tcv_CellInfoA.mnc:=tsc_MNC_PLMN5,tcv_CellInfoA.lac:=tsc_LAC_PLMN5,tcv_CellInfoA.rac:=tsc_RAC_PLMN5,tcv_CellInfoA.attenuationLevel:=tcv_CellInfoA.powerCPICH+70,tcv_CellInfoA.attFlag := tsc_AttOn)			Initialize CELL A Variable as the test case demands
48		(tcv_CellInfoB.mcc:=tsc_MCC_PLMN6,tcv_CellInfoB.mnc:=tsc_MNC_PLMN6,tcv_CellInfoB.lac:=tsc_LAC_PLMN6,tcv_CellInfoB.rac:=tsc_RAC_PLMN6,tcv_CellInfoB.attenuationLevel:=tcv_CellInfoB.powerCPICH+75,tcv_CellInfoB.attFlag := tsc_AttOn)			Initialize CELL B Variable as the test case demands WA#2G3RRC0119
49		(tcv_CellInfoC.mcc:=tsc_MCC_PLMN7,tcv_CellInfoC.mnc:=tsc_MNC_PLMN7,tcv_CellInfoC.lac:=tsc_LAC_PLMN7,tcv_CellInfoC.rac:=tsc_RAC_PLMN7,tcv_CellInfoC.attenuationLevel:=tcv_CellInfoC.powerCPICH+80,tcv_CellInfoC.attFlag := tsc_AttOn)			Initialize CELL C Variable as the test case demands WA#2G3RRC0119
50		(tcv_G_CellInfoA.mcc:=tsc_MCC_PLMN5,tcv_G_CellInfoA.mnc:=tsc_MNC_PLMN5,tcv_G_CellInfoA.lac:=tsc_LAC2_PLMN5,tcv_G_CellInfoA.downlinkPowerLevel:=tsc_G_DL_PowerLevel_B5EMF)			Initialize CELL A Variable as the test case demands @sic: T1-040647 sic@
51		(tcv_G_CellInfoB.mcc:=tsc_MCC_PLMN6,tcv_G_CellInfoB.mnc:=tsc_MNC_PLMN6,tcv_G_CellInfoB.lac:=tsc_LAC2_PLMN6,tcv_G_CellInfoB.downlinkPowerLevel:=tsc_G_DL_PowerLevel_B3EMF)			Initialize CELL B Variable as the test case demands @sic: T1-040647 sic@

4.4 Other relevant modifications for 6.2.1

N/A

4.5 Changes referred to from previous CRs

N/A

5 References

[1]	IR_U_wk51.mp ETSI InterRat UTRAN ATS, version week 51 (2004).
[2]	T1s040764.doc Previous CR of Rohde&Schwarz on the same subject.

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#2G3RRC0116	tc_6_2_1_7	IR_U_wk51.mp [1]
WA#2G3RRC0119	tc_6_2_1_8	IR_U_wk51.mp [1]
WA#2G3RRC0428	tc_6_2_1_1	IR_U_wk51.mp [1]

CHANGE REQUEST

34.123-3 CR 1234 # rev - # Current version: **3.8.0**

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 "Combinations on SCCPCH" test cases in the RAB ATS.

Source: # Rohde & Schwarz

Work item code: # N/A

Date: # 30/11/2004

Category: # **F**

Release: # R99

Use one of the following categories:

Use one 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. RB1 to RB4 should be released when releasing the cell (lt_ReleaseCell for test cases tc_14_4_2_2) otherwise they will be configured again afterwards in ts_SS_ModifyCell3_SCCPCH_4_FACH_Cnfg1 which is wrong.
2. TTCN error. For test cases tc_14_4_2_3 and tc_14_4_2a_3 The constraint used to configure MAC is ca_CMAC_CfgInfo this is wrong. It should be ca_CMAC_ReconfigInfoActNow as MAC has already been configured
3. Missing configuration type in the postamble for test case tc_14_4_2a_1.
4. There is a mismatch between the SIB 5 and the local configuration in IE "transportChannelInfo" (numberOfTbSizeList , channelCodingType , rateMatchingAttribute) IE for FACH1.

Summary of change: #

1. In "lt_ReleaseCell", added lines releasing RB1 to R4 (ts_CRLC_Rel) as it is already done in ts_RB_InitTest_3SCCPCH_2a.
2. Used ca_CMAC_ReconfigInfoActNow instead of ca_CMAC_CfgInfo.
3. Included cell_FACH_2SCCPCH_StandAlonePCH_PS_2a for 14.4.2a.1
4. Created new constraint c_TrChInfo_FACH_BMC_WA to use c_FACH_CTCH_TFS for FACH1. In ts_SS_2FACH_CCCH_BCCH_CTCH_Cfg used c_TrChInfo_FACH_BMC_WA instead of c_TrChInfo_FACH_BMC.

Consequences if not approved: # Conformant UE's may fail the affected test cases

Clauses affected: # Test cases

Other specs affected:		Y	N	
	⌘		X	Other core specifications ⌘
			X	Test specifications
			X	O&M Specifications
Other comments:	⌘	Affected Test cases: tc_14_4_2_2, tc_14_4_2_3, 14_4_2a_2, tc_14_4_2a_3 and tc_14_4_4		

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

1.1 ts_RB_InitTest_3SCCPCH (WA#RAB4517)

Test step name	ts_RB_InitTest_3SCCPCH: It_ReleaseCell
Reason for change	For test cases tc_14_4_2_2: RB1 to RB4 should be released when releasing the cell (It_ReleaseCell) otherwise they will be double configured afterwards (ts_SS_ModifyCell3_SCCPCH_4_FACH_Cnfg1) which is wrong.
Summary of change	In "It_ReleaseCell", added lines releasing RB1 to R4 (ts_CRLC_Rel) as it is already done in ts_RB_InitTest_3SCCPCH_2a (tc_14_4_2a_1)
Source of change	New change
Label	WA#RAB4517

Test Step				
Test Step Id:	ts_RB_InitTest_3SCCPCH(p_PagingCause :PagingCause ; p_EstablishmentCause :EstablishmentCause)			
Test Step Group Ref:	RE_Steps/initialization/			
Objective:	To setup the environment for PS test cases			
Defaults:	RRC_Def1			
Comments:	WA#RAB4517			
Nr	Lab.	Behaviour Description	Constraint Ref	Comments
1		+ts_SS_CreateCellFACH (tsc_CellA)		Configuration has to be changed Fetch record corresponding to current cell
2		+ts_SetTmpCellInfo (tsc_CellA)		

It_ReConfigureCell				
15		+ts_RRC_Delay(6000)		Give delay for UE to listen to new configuration
16		+It_ReleaseCell		
17		+It_ModifyCell		
It_ReleaseCell				
18		+ts_CRLC_Rel (tsc_CellA, tsc_RB0)		2.
19		+ts_CRLC_Rel (tsc_CellA, tsc_RB_BOCH_FACH)		
20		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB20)		
21		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB1)		
22		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB2)		
23		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB3)		
24		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB4)		
25		+ts_CMAC_Rel (tsc_CellA, tsc_PRACH1)		
26		+ts_CPHY_TrchRelNonDch (tsc_CellA, tsc_PRACH1)		
27		+ts_SS_StopRL (tsc_CellA, tsc_ACH1)		
28		+ts_SS_StopRL (tsc_CellA, tsc_PRACH1)		
29		+ts_CRLC_Rel (tsc_CellA, tsc_RB_PCCH)		3.
30		+ts_CMAC_Rel (tsc_CellA, tsc_B_OCPCH1)		
31		+ts_CPHY_TrchRelNonDch (tsc_CellA, tsc_B_OCPCH1)		
32		+ts_SS_StopRL (tsc_CellA, tsc_PICH1)		
33		+ts_SS_StopRL (tsc_CellA, tsc_B_OCPCH1)		@sic ER 1980 sic @
It_ModifyCell				
34		[pc_CS]		@sic ER T1s040462 , T1s040617 sic @
35		[(@IT_TO_INT(o_CctToB4(c_x_TMSI_De)) MOD 2) = 0]		
36		[(BIT_TO_INT(o_B1stringConcat(tcv_CellInfoAuRNTI.smc_identity, tcv_CellInfoAuRNTI.s RNTI.12.20) MOD 2) = 1]		

1.2 ts_CMAC_New_RNTI_Reconf_3SCCPCH_CTCH and ts_CMAC_New_RNTI_Reconf_3SCCPCH_CTCH_2a (WA#RAB4507)

Test step name	ts_CMAC_New_RNTI_Reconf_3SCCPCH_CTCH and ts_CMAC_New_RNTI_Reconf_3SCCPCH_CTCH_2a
Reason for change	For test cases For test cases tc_14_4_2_3 and tc_14_4_2a_3:

TTCN error. It is a MAC reconfiguration.

Summary of change Used ca_CMAC_ReconfigInfoActNow instead of ca_CMAC_CfgInfo.

Source of change New change

Label WA#RAB4507

Test Step			
Test Step Id:	ts_CMAC_New_RNTI_Reconf_3SCCPCH_CTCH(p_umti:BOOLEAN;p_CellId:INTEGER;p_U_RNTI:U_RNTI;p_C_RNTI:BITSTRING)		
Test Step Group Ref:	RB_Steps/RB_Configuration/		
Objective:	reconfigure MAC when a new U_RNTI or C_RNTI is assigned to UE.		
Defaults:	SS_Def		
Comments:	U-RNTI and C-RNTI are not required on DPCCH. U-RNTI and C-RNTI is necessary when DCCCH/DTCCH mapped on S-CCPCH. C-RNTI is necessary when DCCCH/DTCCH mapped on PRACH.		
WA#RAB4507			
Nr	Behaviour Description	Constraint Ref	Comments
1	+ts_SetTmpCellInfo (p_CellId)		
2	+ts_CRRC_ReconfRRC_Size (p_umti)		
3	+tl_CMAC_Reconf (p_umti)		
tl_CMAC_Reconf (p_umti : BOOLEAN)			
4	[p_umti]		
5	CMAC ? CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow (p_CellId , tsc_S_CCPCH3 , e_UE_Info (tcv_TmpCellInfo.uRNTI , OMIT) , c_TrchInfoFACH_BCCH_CCCH_DCCH_PS , c_TrLogMappingFACH_BCCH_DCCH_CCCH_PS)	map DCCCH, BDCCH, DTCH U-RNTI are required.
6	CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId , tsc_S_CCPCH3)	
7	[NOT p_umti]		
8	CMAC ? CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow (p_CellId , tsc_PRACH1 , e_UE_Info (OMIT , p_C_RNTI) , cb_TrchInfoRACH1 , c_TrLogMappingRACH_DTCH)	SS has valid C-RNTI, U-RNTI is not valid Only C-RNTI is required on PRACH
9	CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId , tsc_PRACH1)	
10	CMAC ? CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow (p_CellId , tsc_S_CCPCH3 , e_UE_Info (OMIT , tcv_TmpCellInfo.cRNTI) , c_TrchInfoFACH_BCCH_CCCH_DCCH_PS , c_TrLogMappingFACH_BCCH_DCCH_CCCH_PS)	map DCCCH, BDCCH, DTCH C-RNTI are required.
11	CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId , tsc_S_CCPCH3)	

Test Step			
Test Step Id:	ts_CMAC_New_RNTI_Reconf_3SCCPCH_CTCH_2a(p_umti:BOOLEAN;p_CellId:INTEGER;p_U_RNTI:U_RNTI;p_C_RNTI:BITSTRING)		
Test Step Group Ref:	NewTestSteps/		
Objective:	reconfigure MAC when a new U_RNTI or C_RNTI is assigned to UE.		
Defaults:	SS_Def		
Comments:	U-RNTI and C-RNTI are not required on DPCCH. U-RNTI and C-RNTI is necessary when DCCCH/DTCCH mapped on S-CCPCH. C-RNTI is necessary when DCCCH/DTCCH mapped on PRACH.		
WA#RAB4507			
Nr	Behaviour Description	Constraint Ref	Comments
1	+ts_SetTmpCellInfo (p_CellId)		
2	+ts_CRRC_ReconfRRC_Size (p_umti)		
3	+tl_CMAC_Reconf (p_umti)		
tl_CMAC_Reconf (p_umti : BOOLEAN)			
4	[p_umti]		
5	CMAC ? CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow (p_CellId , tsc_S_CCPCH3 , e_UE_Info (tcv_TmpCellInfo.uRNTI , OMIT) , c_TrchInfoFACH_BCCH_CCCH_DCCH_PS , c_TrLogMappingFACH_BCCH_DCCH_CCCH_PS_2a)	map DCCCH, BDCCH, DTCH U-RNTI are required.
6	CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId , tsc_S_CCPCH3)	
7	[NOT p_umti]		
8	CMAC ? CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow (p_CellId , tsc_PRACH1 , e_UE_Info (OMIT , p_C_RNTI) , cb_TrchInfoRACH1 , c_TrLogMappingRACH_2_DTCH)	SS has valid C-RNTI, U-RNTI is not valid Only C-RNTI is required on PRACH
9	CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId , tsc_PRACH1)	
10	CMAC ? CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow (p_CellId , tsc_S_CCPCH3 , e_UE_Info (OMIT , tcv_TmpCellInfo.cRNTI) , c_TrchInfoFACH_BCCH_CCCH_DCCH_PS , c_TrLogMappingFACH_BCCH_DCCH_CCCH_PS_2a)	map DCCCH, BDCCH, DTCH C-RNTI are required.
11	CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId , tsc_S_CCPCH3)	

1.3 po_ConnectionAndSS_Rel (WA#RAB4508)

Test step name po_ConnectionAndSS_Rel

Reason for change Missing configuration type in the postamble for test case tc_14_4_2a_1.

Summary of change Included cell_FACH_2SCCPCH_StandAlonePCH_PS_2a for 14.4.2a.1

Source of change New change

Label WA#RAB4508

Test Step				
Test Step id	po_ConnectionAndSS_Rel (p_CellId: INTEGER)			
Test Step Group Ref:	BasicM_Postamble			
Objective:	To release the existing RRC connection and release the channels that are configured in the SS.			
Defaults:	RRC_Def1			
Comments:				
...	Behaviour Description	Constraint Ref	...	Comments
1	+ ts_SelTmpCellInfo (p_CellId)			
2	[ts_TmpCellInfo.cellConfig <= cell_NotConfigured]			
3	+ ts_GetRRC_ConnRelCmpl (...)			

7	[TRUE]			4.
8	[(ts_TmpCellInfo.cellConfig = cell_FACH) OR (ts_TmpCellInfo.cellConfig = cell_FACH_PS) OR (ts_TmpCellInfo.cellConfig = cell_FACH_BMC) OR (ts_TmpCellInfo.cellConfig = cell_FACH_2_PRACH) OR (ts_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH) OR (ts_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB) OR (ts_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB0) OR (ts_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH) OR (ts_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_PS) OR (ts_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_Cnfg1) OR (ts_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_Cnfg2) OR (ts_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_3_FACH_CTCH) OR (ts_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_3_FACH_2a_CTCH) OR (ts_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_2a) OR (ts_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_2a_Cnfg1) OR (ts_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_2a_Cnfg2) OR (ts_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_PS_2a)]			1. @sic Draft 14.4.2.1 sic @ WA#RAB4500
9	UMIRLC_UM_DATA_REQ	cas_RRC_ConnRelDCCH (tsc_CellDedicated, tsc_RB1, es_108_RRC_ConnRelDCCH(ts_CellInfo.d_IntegrityCheckInfo, ts_RRC_TI, OMIT))		
10	AM?RLC_AM_DATA_IND	cas_RRC_ConnRelCmpl (tsc_CellDedicated, tsc_RB2, es_108_RRC_ConnRelCmpl (ts_RRC_TI))	(F)	
11	+ ts_RRC_Delay (tsc_DelayAfterRRC_ConnRel)			@sic T1040:00DelayAfterRRCConnRel sic @
12	[TRUE]			2.

1.4 c_TrChInfo_FACH_BMC_WA and ts_SS_2FACH_CCCH_BCCH_CTCH_Cfg (WA#RAB4491 and WA#RAB4500)

Test step name	c_TrChInfo_FACH_BMC_WA and ts_SS_2FACH_CCCH_BCCH_CTCH_Cfg
Reason for change	For test cases tc_14_4_2_3 , tc_14_4_2a_3 and tc_14_4_4. <ul style="list-style-type: none"> - There is a mismatch between the SIB 5 and the local configuration in IE "transportChannelInfo" (numberOfTbSizeList , channelCodingType , rateMatchingAttribute) IE for FACH1.
Summary of change	<ul style="list-style-type: none"> - Created new constraint c_TrChInfo_FACH_BMC_WA to use c_FACH_CTCH_TFS for FACH1. - In ts_SS_2FACH_CCCH_BCCH_CTCH_Cfg used c_TrChInfo_FACH_BMC_WA instead of c_TrChInfo_FACH_BMC.
Source of change	New change
Label	WA#RAB4491 and WA#RAB4500.

ASN.1 Type Constraint Declaration	
Constraint Name:	c_TrchInfo_FACH_BMC_WA
Group:	
Type Name:	TrchInfo
Derivation Path:	
Encoding Variation:	
Comments:	For FDD mode only WAZRAB4491
Constraint Value	
<pre> d)connects@TrchList: { trchId tsc_FACH1, transportChannelInfo c_FACH_CTCH_TFS }, { trchId tsc_FACH2, transportChannelInfo c_FACH_CTCH_TFS }, }, d)TFCS_c_TFCS_CompFACH_BMC_NoPCH_Tx (c_PowerOffsetInfoBelow64k) -- sent to SS </pre>	

Test Step	
Test Step Id:	ts_SS_2FACH_C0CH_BCCH_CTCH_Cfg (p_CellId : INTEGER)
Test Step Group Ref:	RS_Step@Initialization
Objective:	To configure a secondary CCPCH (tsc_S_CCPCH2), then connect FACH to the secondary CCPCH (34.103 cl. 4.2.1), finally to map C0CH, CTCH and BCCH (for BCCH_FACH) to FACH.
Defaults:	SS_Def
Comments:	one secondary CCPCH (tsc_S_CCPCH2) for FACH. C0CH, CTCH and BCCH (for BCCH_FACH) to FACH. WAZRAB 4500

Nr	Label	Behaviour Description	Constraint Ref	Comments
1		ts_SetTmpCellInfo (p_CellId)		
2		[px_RAT = fdd]		
3		CPHY?CPHY_RL_Setup_REQ	ca_sCCPCH_Info (p_CellId, tsc_S_CCPCH2, tsc_S_CCPCH_2ndSrcCode, sfl28_5,8, (tcv_TmpCellInfo.power_sCCPCH1), tcv_TmpCellInfo.limingsCCPCH1)	s-CCPCH1 @sic RASH ER1926 sic@
4		CPHY?CPHY_RL_Setup_CNF	ca_RL_SetupCnfrp_CellId, tsc_S_CCPCH2	
5		CPHY?CPHY_Trch_Config_REQ	ca_FACH_Info_BMC_ActNow (p_CellId, tsc_S_CCPCH2)	connect FACH1 and FACH2 to s-CCPCH2
6		CPHY?CPHY_Trch_Config_CNF	ca_TrchCfgCnfr (p_CellId, tsc_S_CCPCH2)	
7		CMAC?CMAC_Config_REQ	ca_CMAC_CfgInfo (p_CellId, tsc_S_CCPCH2, c_UE_Info (tcv_TmpCellInfo.uRNTI, tcv_TmpCellInfo.rRNTI), c_TrchInfo_FACH_BMC_WA, c_TrLogMapping_FACH_BMC)	map C0CH, BCCH, to FACH1 and CTCH to FACH2
8		CMAC?CMAC_Config_CNF	ca_CMAC_CfgCnfr (p_CellId, tsc_S_CCPCH2)	
9	ERR1	[px_RAT = tdd]		I
10	ERR2	[TRUE]		I

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1235 # rev - # Current version: **3.8.0**

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 P1 TC 8.4.1.5		
Source:	# Anite		
Work item code:	# N/A	Date:	# 16/12/04
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: #	<ol style="list-style-type: none"> 1) As per the specific message contents for SIB 11 mentioned in 34.123-1 section 8.4.1.5.4 initial conditions, should be transmitted before UE is idle updated. In the TTCN implementation it is transmitted after the Idle Update Test Step. 2) As per the specific message contents for SIB 11 mentioned in 34.123-1 section 8.4.1.5.4 initial conditions, IE "Inter-frequency measurement system information" should be set to OMIT. 3) As per 34.108 default contents, for Physical channel reconfiguration C-RNTI value should be '10101010101010'B. 4) At Step 9 of the expected sequence SIBs informations are not transmitted as per 34.123-1. <ol style="list-style-type: none"> a) In SIB 11 and SIB 12, Inter-frequency measurement system information should be OMIT. b) In SIB 12, for Intra frequency measurement for Cell 3 Read SFN indicator should be TRUE. c) In SIB 12, for event 1a reporting range is given as 14.5db, but in TTCN it is passed as 28. It should be 29dbm (14.5 * 2)
Summary of change: #	<ol style="list-style-type: none"> 1) Line no: 17 of the testcase (SIB 11 information modification) is moved after the line no: 5 of the testcase. 2) In the constraint c_SIB11_ModifiedNoIntraFreqMeas, Inter-frequency

measurement system information is set as OMIT.

- 3) tcv_CellInfoA.cRNTI is set to '1010_1010_1010_1010'B after line no: 30 of the testcase. (This variable is used for C-RNTI in local and peer end configuration.)
- 4) Following changes are done.
 - a) In the constraints c_SIB11_NewIntraFreq_CellList and c_SIB12_ModifiedCellSelResellInfo, Inter-frequency measurement system information is set to OMIT.
 - b) In the constraint c_SIB12_ModifiedCellSelResellInfo, Cell 7 readSFN_Indicator is set to TRUE.
 - c) In the constraint c_SIB12_ModifiedCellSelResellInfo, for event 1a reporting range constant value is set to 29dbm.

Consequences if not approved: ⌘ Inconsistency will remain between TTCN implementation and 34.123-1.

Clauses affected: ⌘ tc_8_4_1_5

	Y	N		
Other specs affected:	⌘	X	Other core specifications	⌘
		X	Test specifications	
		X	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:

Testcase	tc_8_4_1_5, It_TestBody
Reason for change	As per the specific message contents for SIB 11 mentioned in 34.123-1 section 8.4.1.5.4 initial conditions, should be transmitted before UE is idle updated. In the TTCN implementation it is transmitted after the Idle Update Test Step.
Summary of change	Line no: 17 of the testcase (SIB 11 information modification) is moved after the line no: 5 of the testcase
Source of change	New change

Before :

5		+ts_SendDef_sysInfo_MultiCell_NewSIB1 (tsc_CellA)		Sends the default system information in CellA; @sic Thomas ER1785 sic@
6		+ts_SS_CreateCellFACH (tsc_CellB)		Configure lower tester
7		+ts_SendDef_sysInfo_MultiCell_NewSIB1 (tsc_CellB)		Sends the default system information in CellB; @sic Thomas ER1785 sic@
8		+ts_SS_CreateCellFACH (tsc_CellC)		Configure lower tester
9		+ts_SendDef_sysInfo_MultiCell (tsc_CellC)		Sends the default system information in CellA
10		+ts_SS_SwitchCellOff(tsc_CellC)		@sic Thomas T1s040739 sic@
11		+ts_IdleUpdated (tsc_CellA)		Idle Update and bring UE to cell_Dch state and release the connection again
12		+It_TestBody		
13		+ po_ConnectionAndSS_Rels		Postamble : To release the RRC connection and all the SS configuration
14	ERR1	[px_RAT = tdd]		TDD specific behaviour
15	ERR2	[TRUE]		
It_TestBody				
16	TBS	(tcv_TestBody := TRUE)		
17		+ts_SendModifiedSIB11_SysInfo (tsc_CellA, c_SIB11_ModifiedNoIntraFreqMeas (tcv_CellInfoA , c_CellInfoDef (tsc_DummyCellB, (px_PriScrmCode+5), tsc_URA_IdCellB, px_TCellB, tsc_SFN_OffsetB, c_FreqInfo (px_UARFCN_D_Mid - 950 , px_UARFCN_D_Mid), ((px_UL_ScramblingCode + 2000) MOD 16777216)), 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;

After :

5		+ts_SendDef_sysInfo_MultiCell_NewSIB1 (tsc_CellA)		Sends the default system information in CellA; @sic Thomas ER1785 sic@
6		+ts_SendModifiedSIB11_SysInfo (tsc_CellA, c_SIB11_ModifiedNoIntraFreqMeas (tcv_CellInfoA , c_CellInfoDef (tsc_DummyCellB, (px_PriScrmCode+5), tsc_URA_IdCellB, px_TCellB, tsc_SFN_OffsetB, c_FreqInfo (px_UARFCN_D_Mid - 950 , px_UARFCN_D_Mid), ((px_UL_ScramblingCode + 2000) MOD 16777216)), 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))		
7		+ts_SS_CreateCellFACH (tsc_CellB)		Configure lower tester

1.2 Change 2:

Constraint	c_SIB11_ModifiedNoIntraFreqMeas
Reason for change	As per the specific message contents for SIB 11 mentioned in 34.123-1 section 8.4.1.5.4 initial conditions, IE "Inter-frequency measurement system information" should be set to OMIT.
Summary of change	IE "Inter-frequency measurement system information" is set as OMIT.
Source of change	New change

After:

ASN.1 Type Constraint Declaration	
Constraint Name:	c_SIB11_ModifiedNoIntraFreqMeas (p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_InterCellInfo4, p_InterCellInfo5, p_InterCellInfo6, p_IntraCellInfo7, p_IntraCellInfo8 : CellInfoCfg)
Group:	
Type Name:	SysInfoType11
Derivation Path:	
Encoding Variation:	
Comments:	@SIC_NAPP Modified system information block type 11 to be used in test case 8.4.1.5 <pre> intraFreqMeasQuantity OMIT, intraFreqReportingQuantityForRACH OMIT, maxReportedCellsOnRACH OMIT, reportingInfoForCellDCH OMIT }, interFreqMeasurementSysInfo OMIT }}, nonCriticalExtensions OMIT } </pre>

1.3 Change 3:

Testcase	tc_8_4_1_5, lt_TestBody
Reason for change	As per 34.108 default contents, for Physical channel reconfiguration C-RNTI value should be '1010_1010_1010_1010'B.
Summary of change	tcv_CellInfoA.cRNTI is set to '1010_1010_1010_1010'B after line no: 30 of the testcase. (This variable is used for C-RNTI in local and peer end configuration.)
Source of change	New change

Before:

30)	+ts_CalculateActTime (tsc_CellInfoA		
31		AM ! RLC_AM_DATA_REQ	cas_PhyChReconf (cas_PhyChReconf (Step 7 in prose;
			tsc_CellDedicated,	tsc_CellDedicated,	
			tsc_RB2,	tsc_RB2,	
			cbs_108_PhyChReconf64k_PS	cbs_108_PhyChReconf64k_PS	SS sends physical Channel
			_DCH_ToFACH (_DCH_ToFACH (Reconfiguration message;
			tcv_CellIndInfo.dl_IntegrityCheck	tcv_CellIndInfo.dl_IntegrityCheck	@sic Thomas T1s040739 sic
			Info, tcv_RRC_Ti,	Info, tcv_RRC_Ti,	@
			tcv_CellInfoA.frequencyInfo,	tcv_CellInfoA.frequencyInfo,	
			tcv_CellInfoA.priScrmCode,	tcv_CellInfoA.priScrmCode,	
			tcv_CellInfoA.cRNTI	tcv_CellInfoA.cRNTI	
))	
))	

After:

30		+ts_CalculateActTime (tsc_CellA		
31		(tcv_CellInfoA.cRNTI := '1010101010101010'B)		
32		AM ! RLC_AM_DATA_REQ	cas_PhyChReconf (tsc_CellDedicated, tsc_RB2, cbs_108_PhyChReconf64k_PS_DCH_ToFACH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, tcv_CellInfoA.frequencyInfo, tcv_CellInfoA.priScrmCode, tcv_CellInfoA.cRNTI))	Step 7 in prose; SS sends physical Channel Reconfiguration message; @sic Thomas T1s040739 sic@

1.4 Change 4:

Constraints	c_SIB11_NewIntraFreq_CellList, c_SIB12_ModifiedCellSelReselInfo
Reason for change	At Step 9 of the expected sequence SIBs informations are not transmitted as per 34.123-1. a) In SIB 11 and SIB 12, "Inter-frequency measurement system information" should be OMIT. b) In SIB 12, for Intra frequency measurement for Cell 3 Read SFN indicator should be TRUE. c) In SIB 12, for event 1a reporting range is given as 14.5db, but in TTCN it is passed as 28. It should be 29dbm (14.5 * 2)
Summary of change	Following changes are done: 1) In the constraints c_SIB11_NewIntraFreq_CellList and c_SIB12_ModifiedCellSelReselInfo, Inter-frequency measurement system information is set to OMIT. 2) In the constraint c_SIB12_ModifiedCellSelReselInfo, Cell 7 readSFN_Indicator is set to TRUE. 3) In the constraint c_SIB12_ModifiedCellSelReselInfo, for event 1a reporting range constant value is set to 29dbm.
Source of change	New change

After:

ASN.1 Type Constraint Declaration	
Constraint Name:	c_SIB11_NewIntraFreq_CellList (p_ActiveCellInfo , p_IntraCellInfo2, p_IntraCellInfo3, p_InterCellInfo4, p_InterCellInfo5, p_InterCellInfo6, p_IntraCellInfo7 , p_IntraCellInfo8 : CellInfoCfg)
Group:	
Type Name:	SysInfoType11
Derivation Path:	
Encoding Variation:	
Comments:	@SIC_NAPP Modified system information block type 11 to be used in test case 8.4.1.5.
	<pre> intraFreqMeasQuantity OMIT, intraFreqReportingQuantityForRACH OMIT, maxReportedCellsOnRACH OMIT, reportingInfoForCellDCH OMIT }, interFreqMeasurementSysInfo OMIT }}, nonCriticalExtensions OMIT } </pre>

ASN.1 Type Constraint Declaration

Constraint Name:	c_SIB12_ModifiedCellSelReselInfo (p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_InterCellInfo4, p_InterCellInfo5, p_InterCellInfo6, p_IntraCellInfo7, p_IntraCellInfo8 : CellInfoCfg)
Group:	
Type Name:	SysInfoType12
Derivation Path:	
Encoding Variation:	
Comments:	@SIC_NAPP Modified system information block type 11 to be used in test case 8.4.1.5

```

{
  intraFreqCellID p_IntraCellInfo3.cellID,
  cellInfo {
    cellIndividualOffset OMIT,
    referenceTimeDifferenceToCell OMIT,
    modeSpecificInfo fdd : {
      primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo3.priScrmCode },
      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
      }
    }
  }
},
reportCriteria intraFreqReportingCriteria : {
  eventCriteriaList {
    event e1a : {
      triggeringCondition monitoredSetCellsOnly,
      reportingRange 29,
      w tsc_W,
      reportDeactivationThreshold t7,
      reportingAmount ra_Infinity,
      reportingInterval ri0_5
    },
    hysteresis tsc_Hysteresis2,
    timeToTrigger ttt60,
    reportingCellStatus -- withinActSetAndOrMonitoredUsedFreqOrMonitoredNonUsedFreq : e2
    withinActSetAndOrMonitoredUsedFreqOrVirtualActSetAndOrMonitoredNonUsedFreq : e2
  }
},
  hysteresis tsc_Hysteresis2,
  timeToTrigger ttt60,
  reportingCellStatus -- withinActSetAndOrMonitoredUsedFreqOrMonitoredNonUsedFreq : e2
  withinActSetAndOrMonitoredUsedFreqOrVirtualActSetAndOrMonitoredNonUsedFreq : e2
}
},
interFreqMeasurementSysInfo OMIT
}),
nonCriticalExtensions OMIT -- @sic Thomas T1s-040086 sic@
}

```

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1236 # rev - # Current version: **3.8.0**

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:	# Additional Corrections Required for the wk47 ATS		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 01/12/2004
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 Wk47 ATS regression testing.
Summary of change:	# This document lists all changes required to pass certain test cases that fails during the Wk47 Regression
Consequences if not approved:	# Conformant UE's 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 # <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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- 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 NAS ATS

1.1 cr_RA_UpdReqAnyTS (WA#NAS3111, 3112 and 3124)

Test step name cr_RA_UpdReqAnyTS

Reason for change According to coding conventions in 34.123-3v330 Sec.E.3.7, '*' is permitted but discouraged for structured type elements whose type is structured. As this may result in ambiguous behaviour between TTCN implementations because the semantics are not specified in TR 101 666 [27].

Summary of change wildcards replaced by appropriate Any constraints

Source of change New change

Label WA#NAS3111, WA#NAS3112 and WA#NAS3124

Before:

PDU Constraint Declaration			
Constraint Name:	cr_RA_UpdReqAnyTS (p_updateType : UpdateType_x; p_RAI : RAI_x; p_PTMSISig : PTMSI_Signature; p_KeySeq : KeySeq)		
Group:			
PDU Name:	ROUTINGAREAUPDATEREQUEST		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	RAU Req PDU with any TMSI Status ie		
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	*		
oldPTMSI_Signature	p_PTMSISig		
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		@sic T1-031835 sic@
msnetworkcap	*		
pDP_ContextStatus	*		

After:

PDU Constraint Declaration			
Constraint Name:	cr_RA_UpdReqAnyTS (p_updateType : UpdateType_x; p_RAI : RAI_x; p_PTMSISig : PTMSI_Signature; p_KeySeq : KeySeq)		
Group:			
PDU Name:	ROUTINGAREAUPDATEREQUEST		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	RAU Req PDU with any TMSI Status ie		
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	?		WA#NAS3111
oldPTMSI_Signature	p_PTMSISig IF_PRESENT		WA#NAS3112
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		@sic T1-031835 sic@
msnetworkcap	cr_MS_NetworkCap_tv_Any IF_PRESENT		WA#NAS3124
pDP_ContextStatus	cr_PDP_ContextStatusAny IF_PRESENT		WA#NAS3124

1.2 cr_RA_UpdReq2 (WA#NAS3127)

Test step name	cr_RA_UpdReq2
Reason for change	According to coding conventions in 34.123-3v330 Sec.E.3.7, '*' is permitted but discouraged for structured type elements whose type is structured. As this may result in ambiguous behaviour between TTCN implementations because the semantics are not specified in TR 101 666 [27].
Summary of change	wildcards replaced by appropriate Any constraints
Source of change	New change
Label	WA#NAS3127

Before:

PDU Constraint Declaration			
Constraint Name:	cr_RA_UpdReq2 (p_updateType : UpdateType_Y; p_RAI : RAI_Y; p_FTMSISig : PTMSI_Signature; p_TMSIStatus : TMSI_Status; p_cksn : CiphKeySeqNum)		
Group:			
PDU Name:	ROUTINGAREAUPDATEREQUEST		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:			
Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		
gmmProtocolDiscriminator	tsc_GMM_PD		
msgType	'00001000'B		
gprsCiphKeySeqNo	p_cksn		
updateType	p_updateType		
oldRAI	p_RAI		
msRadioAccessCap	*		
oldPTMSI_Signature	p_PTMSISig		
readyTimer	cr_GPRS_TimerAny IF_PRESENT		@sic VB ER1576 sic@
drxParameter	cr_DRXparameter_tv_Any IF_PRESENT		@sic VB ER1576 sic@
tmsiStatus	p_TMSIStatus		
ptmsi	*		
msnetworkcap	*		
pDP_ContextStatus	*		

After:

PDU Constraint Declaration			
Constraint Name:	cr_RA_UpdReq2 (p_updateType : UpdateType_y; p_RAI : RAI_Y; p_FTMSISig : PTMSI_Signature; p_TMSIStatus : TMSI_Status; p_cksn : CiphKeySeqNum)		
Group:			
PDU Name:	ROUTINGAREAUPDATEREQUEST		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:			
Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		
gmmProtocolDiscriminator	tsc_GMM_PD		
msgType	'00001000'B		
gprsCiphKeySeqNo	p_cksn		
updateType	p_updateType		
oldRAI	p_RAI		
msRadioAccessCap	?		WA#NAS3127
oldPTMSI_Signature	p_PTMSISig		
readyTimer	cr_GPRS_TimerAny IF_PRESENT		@sic VB ER1576 sic@
drxParameter	cr_DRXparameter_tv_Any IF_PRESENT		@sic VB ER1576 sic@
tmsiStatus	p_TMSIStatus		
ptmsi	c_MobileIdPTMSI_Any IF_PRESENT		WA#NAS3127
msnetworkcap	cr_MS_NetworkCap_tv_Any IF_PRESENT		WA#NAS3127
pDP_ContextStatus	cr_PDP_ContextStatusAny IF_PRESENT		WA#NAS3127

1.3 cr_SetupMO (WA#NAS3127)

Test step name	cr_SetupMO
Reason for change	According to coding conventions in 34.123-3v330 Sec.E.3.7, '*' is permitted but discouraged for structured type elements whose type is structured. As this may result in ambiguous behaviour between TTCN implementations because the semantics are not specified in TR 101 666 [27].
Summary of change	wildcards replaced by appropriate Any constraints
Source of change	New change
Label	WA#NAS3127

Before:

PDU Constraint Declaration			
Constraint Name:	cr_SetupMO (p_Bcap : Bcap; p_LLC : LLC)		
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	p_Bcap		
bcap2	-		
facility	cr_FacAny IF_PRESENT		
cgps	cr_CGPS_Any IF_PRESENT		
cdpn	cr_CDPN_Any IF_PRESENT		
cdps	cr_CDPS_Any IF_PRESENT		
llcRepeatInd	c_RepeatIndAny IF_PRESENT		
llc1	p_LLC IF_PRESENT		
llc2	cr_LLC_Any IF_PRESENT		
hlcRepeatInd	c_RepeatIndAny IF_PRESENT		
hlc1	cr_HLC_Any IF_PRESENT		
hlc2	cr_HLC_Any IF_PRESENT		
userUser	cr_UserUserAny IF_PRESENT		
ss_VersionInd	cr_SS_VersionIndAny IF_PRESENT		
clIR_Suppression	*		
clIR_Invocation	*		
cC_Capabilities	cr_CC_CapabilitiesAny IF_PRESENT		
facilityCCBS_AdvRecall	cr_FacilityAdvRecall IF_PRESENT		
facilityCCBS_RecallAlign	cr_FacilityRecallAlign IF_PRESENT		
streamId	cr_StreamIdAny IF_PRESENT		

After:

PDU Constraint Declaration			
Constraint Name:	cr_SetupMO (p_Bcap : Bcap, p_LLC : LLC)		
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'E		
msgType	??000101'E		
repeatInd	-		
bcap1	p_Bcap		
bcap2	-		
facility	cr_FacAny IF_PRESENT		
cdps	cr_CDPS_Any IF_PRESENT		
cdpn	cr_CDPN_Any		WA#NAS3127
cdps	cr_CDPS_Any IF_PRESENT		
llcRepeatInd	c_RepeatIndAny IF_PRESENT		
llc1	p_LLC IF_PRESENT		
llc2	cr_LLC_Any IF_PRESENT		
hlcRepeatInd	c_RepeatIndAny IF_PRESENT		
hlc1	cr_HLC_Any IF_PRESENT		
hlc2	cr_HLC_Any IF_PRESENT		
userUser	cr_UserUserAny IF_PRESENT		
sB_VersionInd	cr_SS_VersionIndAny IF_PRESENT		
cLIR_Suppression	*0100001'E IF_PRESENT		WA#NAS3127
cLIR_Invocation	*0100010'E IF_PRESENT		WA#NAS3127
cC_Capabilities	cr_CC_CapabilitiesAny IF_PRESENT		
facilityCCBS_AdvRecall	cr_FacilityAdvRecall IF_PRESENT		
facilityCCBS_RecallAlign	cr_FacilityRecallAlign IF_PRESENT		
streamId	cr_StreamIdAny IF_PRESENT		

1.4 cr_SetupMO_2_Bcap (WA#NAS3127)

Test step name cr_SetupMO_2_Bcap

Reason for change According to coding conventions in 34.123-3v330 Sec.E.3.7, '*' is permitted but discouraged for structured type elements whose type is structured. As this may result in ambiguous behaviour between TTCN implementations because the semantics are not specified in TR 101 666 [27].

Summary of change wildcards replaced by appropriate Any constraints

Source of change New change

Label WA#NAS3127

Before:

PDU Constraint Declaration			
Constraint Name:	cr_SetupMO_2_Bcap (p_Bcap1, p_Bcap2 : Bcap, p_LLC : LLC)		
Group:			
PDU Name:	SETUPul		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	CC SETUP n <- ue		
Field Name	Element Value	Type Encoding	Comments
tl	cr_TL_MO		
cC_ProtocolDiscriminator	'0011'B		
msgType	'??000101'B		
repeatInd	c_RepeatInd1		
bcap1	p_Bcap1		
bcap2	p_Bcap2		
facility	cr_FacAny IF_PRESENT		
cdps	cr_CGPS_Any IF_PRESENT		
cdpn	cr_CDPN_Any IF_PRESENT		
cdps	cr_CDPS_Any IF_PRESENT		
llcRepeatInd	c_RepeatIndAny IF_PRESENT		
llc1	p_LLC IF_PRESENT		
llc2	cr_LLC_Any IF_PRESENT		
hlcRepeatInd	c_RepeatIndAny IF_PRESENT		
hlc1	cr_HLC_Any IF_PRESENT		
hlc2	cr_HLC_Any IF_PRESENT		
userUser	cr_UserUserAny IF_PRESENT		
sS_VersionInd	cr_SS_VersionIndAny IF_PRESENT		
cLIR_Suppression	*		
cLIR_Invocation	*		
cC_Capabilities	cr_CC_CapabilitiesAny IF_PRESENT		
facilityCCBS_AdvRecall	cr_FacilityAdvRecall IF_PRESENT		
facilityCCBS_RecallAlign	cr_FacilityRecallAlign IF_PRESENT		
streamId	cr_StreamIdAny IF_PRESENT		

After:

PDU Constraint Declaration			
Constraint Name:	cr_SetupMO_2_Bcap (p_Bcap1, p_Bcap2 : Bcap, p_LLC : LLC)		
Group:			
PDU Name:	SETUPul		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	CC SETUP n <- ue		
Field Name	Element Value	Type Encoding	Comments
tl	cr_TL_MO		
cC_ProtocolDiscriminator	'0011'B		
msgType	'??000101'B		
repeatInd	c_RepeatInd1		
bcap1	p_Bcap1		
bcap2	p_Bcap2		
facility	cr_FacAny IF_PRESENT		
cdps	cr_CGPS_Any IF_PRESENT		
cdpn	cr_CDPN_Any		WA#NAS3127
cdps	cr_CDPS_Any IF_PRESENT		
llcRepeatInd	c_RepeatIndAny IF_PRESENT		
llc1	p_LLC IF_PRESENT		
llc2	cr_LLC_Any IF_PRESENT		
hlcRepeatInd	c_RepeatIndAny IF_PRESENT		
hlc1	cr_HLC_Any IF_PRESENT		
hlc2	cr_HLC_Any IF_PRESENT		
userUser	cr_UserUserAny IF_PRESENT		
sS_VersionInd	cr_SS_VersionIndAny IF_PRESENT		
cLIR_Suppression	'10100001'B IF_PRESENT		WA#NAS3127
cLIR_Invocation	'101000101'B IF_PRESENT		WA#NAS3127
cC_Capabilities	cr_CC_CapabilitiesAny IF_PRESENT		
facilityCCBS_AdvRecall	cr_FacilityAdvRecall IF_PRESENT		
facilityCCBS_RecallAlign	cr_FacilityRecallAlign IF_PRESENT		
streamId	cr_StreamIdAny IF_PRESENT		

1.5 cr_SetupMO_Any (WA#NAS3127)

Test step name cr_SetupMO_Any

Reason for change According to coding conventions in 34.123-3v330 Sec.E.3.7, '*' is permitted but discouraged for structured type elements whose type is structured. As this may result in ambiguous behaviour between TTCN implementations because the semantics are not specified in TR 101 666 [27].

Summary of change wildcards replaced by appropriate Any constraints

Source of change New change

Label WA#NAS3127

Before:

PDU Constraint Declaration			
Constraint Name:	cr_SetupMO_Any		
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	c_RepeatIndAny IF_PRESENT		
bcap1	cr_BcapAnyMO		
bcap2	cr_BcapAnyMO IF_PRESENT		@sic T1s040695 sic@
facility	cr_Facility_Any IF_PRESENT		@sic T1s040695 sic@
cgps	cr_CGPS_Any IF_PRESENT		@sic T1s040695 sic@
cdpn	cr_CDPN_Any		@sic T1s040695 sic@
cdps	*		
llcRepeatInd	*		
llc1	*		
llc2	*		
hlcRepeatInd	*		
hlc1	*		
hlc2	*		
userUser	*		
sS_VersionInd	*		
cLIR_Suppression	*		
cLIR_Invocation	*		
cC_Capabilities	*		
facilityCCBS_AdvRecall	*		
facilityCCBS_RecallAlign	*		
streamId	*		

After:

PDU Constraint Declaration			
Constraint Name:	cr_SetupMO_Any		
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	c_RepeatIndAny IF_PRESENT		
bcap1	cr_BcapAnyMO		
bcap2	cr_BcapAnyMO IF_PRESENT		@sic T1s040695 sic@
facility	cr_Facility_Any IF_PRESENT		@sic T1s040695 sic@
cgps	cr_CGPS_Any IF_PRESENT		@sic T1s040695 sic@
cdpn	cr_CDPN_Any		@sic T1s040695 sic@ WA#NAS3127
cdps	cr_CDPS_Any IF_PRESENT		WA#NAS3127
llcRepeatInd	c_RepeatIndAny IF_PRESENT		WA#NAS3127
llc1	cr_LLC_Any IF_PRESENT		WA#NAS3127
llc2	cr_LLC_Any IF_PRESENT		WA#NAS3127
hlcRepeatInd	c_RepeatIndAny IF_PRESENT		WA#NAS3127
hlc1	cr_HLC_Any IF_PRESENT		WA#NAS3127
hlc2	cr_HLC_Any IF_PRESENT		WA#NAS3127
userUser	cr_UserUserAny IF_PRESENT		WA#NAS3127
sS_VersionInd	cr_SS_VersionIndAny IF_PRESENT		WA#NAS3127
cLIR_Suppression	'1010001'B IF_PRESENT		WA#NAS3127
cLIR_Invocation	'10100010'B IF_PRESENT		WA#NAS3127
cC_Capabilities	cr_CC_CapabilitiesAny IF_PRESENT		WA#NAS3127
facilityCCBS_AdvRecall	cr_FacilityAdvRecall IF_PRESENT		WA#NAS3127
facilityCCBS_RecallAlign	cr_FacilityRecallAlign IF_PRESENT		WA#NAS3127
streamId	cr_StreamIdAny IF_PRESENT		WA#NAS3127

1.6 c_CellSelReselInfoSIB11_12_4_1_x (WA#NAS3131)

Constraint name	c_CellSelReselInfoSIB11_12_4_1_x
Reason for change	Changing of SIB11 for cell selection reselection to align with SIB3
Summary of change	Changed cellSelectionReselectionInfo in SIB11
Source of change	New change
Label	WA#NAS3131

ASN.1 Type Constraint Declaration	
Constraint Name:	c_CellSelReselInfoSIB11_12_4_1_x
Group:	
Type Name:	CellSelectReselectInfoSIB_11_12_RSCP
Derivation Path:	
Encoding Variation:	
Comments:	WA#NAS3131
Constraint Value	
<pre>{ q_OffsetS_N0, maxAllowedUL_Tx_Power 21, modeSpecificInfo fdd : { q_GuaMin -16, q_RxlevMin -40 -- IE*2+1 = -79 } }</pre>	

1.7 cd_SIB11_Def_12_4_1_x (WA#NAS3131)

Constraint name	cd_SIB11_Def_12_4_1_x
Reason for change	Changing of SIB11 for cell selection reselection to align with SIB3
Summary of change	Changed cellSelectionReselectionInfo in SIB11
Source of change	New change
Label	WA#NAS3131

ASN.1 Type Constraint Declaration	
Constraint Name:	cd_SIB11_Def_12_4_1_x (p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_IntraCellInfo4, p_IntraCellInfo5, p_InterCellInfo6, p_InterCellInfo7, p_InterCellInfo8 : CellInfoCfg)
Group:	
Type Name:	SysinfoType11
Derivation Path:	cb_SIB11_Def.
Encoding Variation:	
Comments:	@S/C_NAPP WA#NAS3131
Constraint Value	
<pre>REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList.[1].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList.[2].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList.[3].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.intraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList.[4].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList.[0].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList.[1].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_not_used.cellSelectQualityMeasure.cpich_RSCP.interFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList.[2].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x</pre>	

1.8 cd_SIB11_Freq2_12_4_1_x (WA#NAS3131)

Constraint name	cd_SIB11_Freq2_12_4_1_x
Reason for change	Changing of SIB11 for cell selection reselection to align with SIB3
Summary of change	Changed cellSelectionReselectionInfo in SIB11
Source of change	New change
Label	WA#NAS3131

ASN.1 Type Constraint Declaration	
Constraint Name:	cd_SIB11_Freq2_12_4_1_x (p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_InterCellInfo4, p_InterCellInfo5, p_InterCellInfo6, p_InterCellInfo7, p_InterCellInfo8 : CellInfoCfg)
Group:	
Type Name:	SysInfoType11
Derivation Path:	cb_SIB11_Freq2.
Encoding Variation:	
Comments:	@SIC_NAPP WA#NAS3131
Constraint Value	
REPLACE measurementControlSysInfo.use_of_HCS.hcs_nct_used.cellSelectQualityMeasure.cpich_RSCP. IntraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList.[1].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_nct_used.cellSelectQualityMeasure.cpich_RSCP. IntraFreqMeasurementSysInfo.intraFreqCellInfoSI_List.newIntraFreqCellList.[2].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_nct_used.cellSelectQualityMeasure.cpich_RSCP. InterFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList.[0].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_nct_used.cellSelectQualityMeasure.cpich_RSCP. InterFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList.[1].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_nct_used.cellSelectQualityMeasure.cpich_RSCP. InterFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList.[2].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_nct_used.cellSelectQualityMeasure.cpich_RSCP. InterFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList.[3].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x, REPLACE measurementControlSysInfo.use_of_HCS.hcs_nct_used.cellSelectQualityMeasure.cpich_RSCP. InterFreqMeasurementSysInfo.interFreqCellInfoSI_List.newInterFreqCellList.[4].cellInfo.cellSelectionReselectionInfo BY c_CellSelReselInfoSIB11_12_4_1_x	

1.9 ts_InitializeSIB11_12_4_1_x (WA#NAS3131)

Test step name	ts_InitializeSIB11_SIB12_12_4_1_x
Reason for change	Changing of SIB11 for cell selection reselection to align with SIB3
Summary of change	Changed cellSelectionReselectionInfo in SIB11
Source of change	New change
Label	WA#NAS3131

Test Step Id:	ts_InitializeSIB11_SIB12_12_4_1_x (p_CellID :INTEGER)			
Test Step Group Ref:	BasicM_SysInfoHandling_Steps/Default/			
Objective:	To assign tcv_SIB11 and tcv_SIB12			
Defaults:	InitOtherwiseFail			
Comments:	WA#NAS3131			
Nr	Label	Behaviour Description	Verdict	Comments
1		+ ts_SetTmpCellInfo (p_CellID)		
2		[tcv_NumOfPLMN = 1]		Default 1 PLMN test case
3		+It_1Or2PLMN		
4		[tcv_NumOfPLMN = 2]		2 PLMN test case
5		+It_1Or2PLMN		
6		[TRUE]	(0)	Test step not designed for this
It_1Or2PLMN				
7		[p_CellID = tcv_CellA]		
8		(tcv_SIB11 := cb_SIB11_Def_12_4_1_x (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoG, tcv_CellInfoH, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF), tcv_SIB12 := cb_SIB12_Def)		
9		[p_CellID = tcv_CellB]		
10		(tcv_SIB11 := cb_SIB11_Def_12_4_1_x (tcv_CellInfoB, tcv_CellInfoA, tcv_CellInfoC, tcv_CellInfoG, tcv_CellInfoH, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF), tcv_SIB12 := cb_SIB12_Def)		
11		[p_CellID = tcv_CellC]		
12		(tcv_SIB11 := cb_SIB11_Def_12_4_1_x (tcv_CellInfoC, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoG, tcv_CellInfoH, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF), tcv_SIB12 := cb_SIB12_Def)		
13		[p_CellID = tcv_CellD]		
14		(tcv_SIB11 := cb_SIB11_Freq2_12_4_1_x (tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoG, tcv_CellInfoH), tcv_SIB12 := cb_SIB12_Freq2)		
15		[p_CellID = tcv_CellE]		
16		(tcv_SIB11 := cb_SIB11_Freq2_12_4_1_x (tcv_CellInfoE, tcv_CellInfoD, tcv_CellInfoF, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoG, tcv_CellInfoH), tcv_SIB12 := cb_SIB12_Freq2)		
17		[p_CellID = tcv_CellF]		
18		(tcv_SIB11 := cb_SIB11_Freq2_12_4_1_x (tcv_CellInfoF, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoG, tcv_CellInfoH), tcv_SIB12 := cb_SIB12_Freq2)		
19		[p_CellID = tcv_CellG]		
20		(tcv_SIB11 := cb_SIB11_Def_12_4_1_x (tcv_CellInfoG, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoH, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF), tcv_SIB12 := cb_SIB12_Def)		
21		[p_CellID = tcv_CellH]		
22		(tcv_SIB11 := cb_SIB11_Def_12_4_1_x (tcv_CellInfoH, tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoG, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF), tcv_SIB12 := cb_SIB12_Def)		

1.10 ts_SendDef_SysInfo_12_4_1_x (WA#NAS3131)

Test step name	ts_SendDefSysInfo_12_4_1_x
Reason for change	Changing of SIB11 for cell selection reselection to align with SIB3
Summary of change	Changed cellSelectionReselectionInfo in SIB11
Source of change	New change
Label	WA#NAS3131

Test Step					
Test Step Id:	ts_SendDefSysInfo_12_4_1_x (p_CellId: INTEGER)				
Test Step Group Ref:	BasicM_SysInfoHandling_Steps/Default/				
Objective:	To broadcast default system information.				
Defaults:	InitOtherwiseFail				
Comments:	WA#NAS3131				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ts_UTRAN_GERAN_Parainit(p_CellId)			ts_SetTmpCellInfo done already in ts_UTRAN_GERAN_Parainit
2		+ts_CellDependentPara(p_CellId)			
3		+ts_InitializeSIB2AndSIB18(tv_TmpCellInfo)			
4		+ts_InitializeSIB11_SIB12_12_4_1_x(p_CellId)			
5		[px_RAT = fdc]			
6		+ts_SendNoSegDefSchedule(p_CellId)			
7		+ts_SendSIB1 (cb_SIB1_Def(tv_TmpCellInfo, p_CellId, tsc_Now)			
8		+ts_SendSIB2 (tv_SIB2 , p_CellId, tsc_Now)			
9		+ts_SendSIB3(tv_SIB3, p_CellId, tsc_Now)			
10		+ts_SendSIB4(tv_SIB4, p_CellId, tsc_Now)			
11		+ts_SendSIB5(cb_SIB5_Def(tv_TmpCellInfo, p_CellId, tsc_Now)			
12		+ts_SendSIB6(cb_SIB6_Def(tv_TmpCellInfo, p_CellId, tsc_Now)			
13		+ts_SendSIB7(c_SIB7_Def, p_CellId, tsc_Now)			
14		+ts_SendSIB11(tv_SIB11, p_CellId, tsc_Now)			
15		+ts_SendSIB12(tv_SIB12, p_CellId, tsc_Now)			
16		+ts_SendSIB18(tv_SIB18, p_CellId, tsc_Now)			
17		+ts_SendSIB1_DefSchedule(tv_SIB1, p_CellId, tsc_Now)			
18		+ts_SendMIB(tv_MIB, p_CellId, tsc_Now)			
19	ERR1	[px_RAT = fdc]		I	
20	ERR2	[TRUE]		I	

1.11 ts_GMM_Config_CellA_CellB_12_4_1_x (WA#NAS3131)

Test step name ts_GMM_Config_CellA_CellB_12_4_1_x

Reason for change Changing of SIB11 for cell selection reselection to align with SIB3

Summary of change Changed cellSelectionReselectionInfo in SIB11

Source of change New change

Label WA#NAS3131

Test Step					
Test Step Id:	ts_GMM_Config_CellA_CellB_12_4_1_x				
Test Step Group Ref:	GMM_InternalSteps/				
Objective:					
Defaults:	NAS_OtherwiseFail				
Comments:	Configure cell A and cell B and start sending Sys Infos				
Nr	Label	Behaviour Description	...	Verdict	Comments
1		+ts_SS_CreateCellIDCH(tsc_CellA)			
2		+ts_SendDefSysInfo_12_4_1_x(tsc_CellA)			WA#NAS3131
3		+ts_SS_CreateCellIDCH(tv_CellB)			
4		+ts_SendDefSysInfo_12_4_1_x(tv_CellB)			WA#NAS3131

1.12 ts_GMM_Config_CellA_CellB_CellID_12_4_1_x (WA#NAS3131)

Test step name ts_GMM_Config_CellA_CellB_CellID_12_4_1_x

Reason for change Changing of SIB11 for cell selection reselection to align with SIB3

Summary of change Changed cellSelectionReselectionInfo in SIB11

Source of change New change

Label WA#NAS3131

Test Step					
Test Step Id:	ts_GMM_Config_CellA_CellB_CellID_12_4_1_x				
Test Step Group Ref:	GMM_InternalSteps/				
Objective:					
Defaults:	NAS_OtherwiseFail				
Comments:	Configure cell A, cell B and cell D and start sending SysInfo				
Nr	Label	Behaviour Description	...	Verdict	Comments
1		+ts_SS_CreateCellDCH(tsc_CellA)			
2		+ts_SendDefSysInfo_12_4_1_x(tsc_CellA)			WA#NAS3131
3		+ts_SS_CreateCellDCH(tsc_CellB)			
4		+ts_SendDefSysInfo_12_4_1_x(tsc_CellB)			WA#NAS3131
5		+ts_SS_CreateCellDCH(tsc_CellD)			
6		+ts_SendDefSysInfo_12_4_1_x(tsc_CellD)			WA#NAS3131

1.13 ts_GMM_Config_CellB_CellC_12_4_1_x (WA#NAS3131)

Test step name ts_GMM_Config_CellB_CellC_12_4_1_x

Reason for change Changing of SIB11 for cell selection reselection to align with SIB3

Summary of change Changed cellSelectionReselectionInfo in SIB11

Source of change New change

Label WA#NAS3131

Test Step					
Test Step Id:	ts_GMM_Config_CellB_CellC_12_4_1_x				
Test Step Group Ref:	GMM_InternalSteps/				
Objective:					
Defaults:	NAS_OtherwiseFail				
Comments:	Configure cell C and cell B and start sending Sys Info				
Nr	Label	Behaviour Description	...	Verdict	Comments
1		+ts_SS_CreateCellDCH(tsc_CellB)			
2		+ts_SendDefSysInfo_12_4_1_x(tsc_CellB)			WA#NAS3131
3		+ts_SS_CreateCellDCH(tsc_CellC)			
4		+ts_SendDefSysInfo_12_4_1_x(tsc_CellC)			WA#NAS3131

1.14 tc_12_2_1_4_1 (WA#NAS3100, WA#NAS3131)

Test case name tc_12_2_1_4_1

Reason for change SIB3 and 4 using inappropriate q_qualmin value SIB11 similarly

Summary of change Changed SIB3 and 4 as well as SIB 11

Source of change New change

Label WA#NAS3100, WA#NAS3131

Before:

4		+ts_GMM_SetOpModeC_OrA		The UE is set in UE operation mode C if supported, otherwise it is set to UE operation mode A.
5		+ts_GMM_Config_CellA_CellB		Configure cell A
6		+ts_IdleUpdated(tsc_CellA)		Turn on UE and assign a valid P-TMSI-1, P-TMSI-1 signature and RA-I-1.

It_Steps_12To14				
32		+ts_SS_Rel (tsc_CellA)		Remove cell A @sic VB T1s-040585 sic@ @sic VB 2 cells actives at the same time sic@
33		+ts_SS_DecrementCellPowerLevel (tsc_CellB, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)		
34		+ts_SS_CreateCellDCH (tsc_CellC)		Activate Cell C @sic VB 2 cells actives at the same time sic@
35		+ts_SendDefSysInfo(tsc_CellC)		
36		+ts_VerifyNoAccess(30)		Verify no access for 30 seconds

It_Steps_15To21				
37		+ts_SS_Rel (tsc_CellB)		Remove cell B @sic VB 2 cells actives at the same time sic@ @sic VB T1s-040585 sic@ @sic VB 2 cells actives at the same time sic@
38		+ts_SS_DecrementCellPowerLevel (tsc_CellC, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)		
39		+ts_SS_CreateCellDCH (tsc_CellD)		Activate Cell D
40		+ts_SendDefSysInfo (tsc_CellD)		
41		+ts_NAS_Delay(tsc_TWaitSysInfo)		

After:

4		+ts_GMM_SetOpModeC_OrA		The UE is set in UE operation mode C if supported, otherwise it is set to UE operation mode A.
5		+ts_GMM_Config_CellA_CellB_12_4		Configure cell A
6		+It_ChangeSIB3and4(tsc_CellA)		ReConfigure cell A VVA#NAS3100
7		+It_ChangeSIB3and4(tsc_CellB)		ReConfigure cell B VVA#NAS3100
8		+ts_IdleUpdated(tsc_CellA)		Turn on UE and assign a valid P-TMSI-1, P-TMSI-1 signature and RA-I-1.

It_Steps_12To14				
41		+ts_SS_Rel (tsc_CellA)		Remove cell A @sic VB T1s-040585 sic@ @sic VB 2 cells actives at the same time sic@
42		+ts_SS_DecrementCellPowerLevel (tsc_CellB, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)		
43		+ts_SS_CreateCellDCH (tsc_CellC)		Activate Cell C @sic VB 2 cells actives at the same time sic@
44		+ts_SendDefSysInfo_12_4_1_x (tsc_CellC)		VVA#NAS3131
45		+It_ChangeSIB3and4(tsc_CellC)		ReConfigure cell C VVA#NAS3100
46		+ts_VerifyNoAccess(30)		Verify no access for 30 seconds

It_Steps_15To21				
47		+ts_SS_Rel (tsc_CellB)		Remove cell B @sic VB 2 cells actives at the same time sic@ @sic VB T1s-040585 sic@ @sic VB 2 cells actives at the same time sic@
48		+ts_SS_DecrementCellPowerLevel (tsc_CellC, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)		
49		+ts_SS_CreateCellDCH (tsc_CellD)		Activate Cell D
50		+ts_SendDefSysInfo_12_4_1_x (tsc_CellD)		VVA#NAS3131
51		+It_ChangeSIB3and4(tsc_CellD)		ReConfigure cell D VVA#NAS3100
52		+ts_NAS_Delay(tsc_TWaitSysInfo)		

It_ChangeSIB3and4(p_CellId: INTEGER)				
58		+ ts_UTRAN_GERAN_ParamIn(t p_CellId)		WA#NAS3100
59		+ ts_CellDependentPara (p_CellId)		
60		(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.q_QualMin := -16)		
61		(tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.q_QualMin := -16)		
62		+ ts_SysInfoModifySIB3_And4_RRC (p_CellId, tcv_SIB3, tcv_SIB4, tsc_Now)		

1.15 tc_12_4_1_4a (WA#NAS3104, WA#NAS3131)

Test case name tc_12_4_1_4a

Reason for change SIB3 and 4 using inappropriate q_qualmin value SIB11 similarly

Summary of change Changed SIB3 and 4 as well as SIB 11

Source of change New change

Label WA#NAS3104, WA#NAS3131

Before:

4		+ ts_GMM_SetOpModeC_OrA		The UE is set in UE operation mode C if supported, otherwise it is set to UE operation mode A.
5		+ts_GMM_Config_CellB_CellC		Configure Cells
6		+ts_GMM_AttachReject (tsc_CellC)		Invalidate temporary USIM parameters

It_ActivateCellA_Step13				
89		+ ts_SS_Rel (tsc_CellC)		@sic VB T1 s04585 sic@
90		+ts_SS_DecrementCellPowerLevel (tsc_CellB, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)		
91		+ts_SS_CreateCellDCH (tsc_CellA)		Activate cell A
92		+ts_SendDefSysInfo(tsc_CellA)		

It_ActivateCellID_Step16				
93		+ ts_SS_Rel (tsc_CellB)		@sic VB T1 s040585 sic@
94		+ts_SS_DecrementCellPowerLevel (tsc_CellA, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)		
95		+ts_SS_CreateCellDCH (tsc_CellD)		Activate cell D
96		+ts_SendDefSysInfo(tsc_CellD)		

After:

4		+ ts_GMM_SetOpModeC_OrA		The UE is set in UE operation mode C if supported, otherwise it is set to UE operation mode A.
5		+ts_GMM_Config_CellB_CellC_12_4_1_4a		Configure Cells WA#NAS3131
6		+It_ChangeSIB3and4(tsc_CellB)		ReConfigure cell B WA#NAS3104
7		+It_ChangeSIB3and4(tsc_CellC)		ReConfigure cell C WA#NAS3104
8		+ts_GMM_AttachReject (tsc_CellC)		Invalidate temporary USIM parameters

It_ActivateCellA_Step13				
91		+ts_SS_Rel (tsc_CellC)		@sic VB T1s04595 sic@
92		+ts_SS_DecrementCellPowerLevel (tsc_CellB, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)		
93		+ts_SS_CreateCellDCH (tsc_CellA)		Activate cell A
94		+ts_SendDefSysInfo_12_4_1_x (tsc_CellA)		WA#NAS3131
95		+It_ChangeSIB3and4(tsc_CellA)		ReConfigure cell A WA#NAS3104
It_ActivateCellD_Step16				
96		+ts_SS_Rel (tsc_CellB)		@sic VB T1s040565 sic@
97		+ts_SS_DecrementCellPowerLevel (tsc_CellA, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)		
98		+ts_SS_CreateCellDCH (tsc_CellD)		Activate cell D
99		+ts_SendDefSysInfo_12_4_1_x (tsc_CellD)		WA#NAS3131
100		+It_ChangeSIB3and4(tsc_CellD)		ReConfigure cell D WA#NAS3104

It_ChangeSIB3and4(p_CellId: INTEGER)				
112		+ts_UTRAN_DERAN_Parainit(p_CellId)		WA#NAS3104
113		+ts_CellDependentPara (p_CellId)		
114		(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.q_QualMin := -16)		
115		(tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.q_QualMin := -16)		
116		+ts_SysInfoModifySIB3_And4_RRC (p_CellId, tcv_SIB3, tcv_SIB4, tsc_Now)		

1.16 tc_12_4_1_4b (WA#NAS3106, WA#NAS3131)

Test case name	tc_12_4_1_4b
Reason for change	SIB3 and 4 using inappropriate q_qualmin value SIB11 similarly
Summary of change	Changed SIB3 and 4 as well as SIB 11
Source of change	New change
Label	WA#NAS3106, WA#NAS3131

Before:

4		+ts_MMI_SetOpModeA		
5		+ts_SS_CreateCellDCH (tsc_CellC)		Configure cell G
6		+ts_SendDefSysInfo (tsc_CellC)		
7		+ts_GMM_AttachReject (tsc_CellC)		Invalidate temporary USIM parameters
8		(tcv_CellInfoC.attFlag := tsc_AttOf, tcv_CellInfoC.t3212 := tsc_T3212_0)		
It_TestBody				
13		(tcv_TestBody := TRUE)		(F)
14		+ts_GMM_Config_CellA_CellB_CellD		Configure cell A, B and D
15		+ts_MMI_UE_SwitchOnTriggerGMM_Attach		@sic VB T1s-04202 sic@ @sic VB T1s040628 sic@

After:

4		+ts_MMI_SetOpModeA		
5		+ts_SS_CreateCellDCH (tsc_CellC		Configure cell G
6		+ts_SendDefSysInfo_12_4_1_x (tsc_CellC)		WA#NAS3131
7		+It_ChangeSIB3and4(tsc_CellC)		ReConfigure cell C WA#NAS3106
8		+ts_GMM_AttachReject (tsc_CellC		Invalidate temporary USIM parameters
9) (tcv_CellInfoC.attFlag := tsc_ATCF { tcv_CellInfoC.i3212 := tsc_T3212_0		

14	(cv TestBody := TRUE)		(P)	
15		+ts_GMM_Config_CellA_CellB_CellC		Configure cell A, B and D WA#NAS3131
16		+It_ChangeSIB3and4(tsc_CellA)		ReConfigure cell A WA#NAS3106
17		+It_ChangeSIB3and4(tsc_CellB)		ReConfigure cell B WA#NAS3106
18		+It_ChangeSIB3and4(tsc_CellC)		ReConfigure cell D WA#NAS3106

It_ChangeSIB3and4(p_CellId: INTEGER)				
54		+ ts_UTRAN_GERAN_Parainf(p_CellId)		WA#NAS3106
55		+ ts_CellDependentPara (p_CellId		
56		(tcv_SIB3.cellSelectReselectInfo.mod		
57		eSpecificInfo.fdd.q_QualMin := -16)		
57		(tcv_SIB4.cellSelectReselectInfo.mo		
58		deSpecificInfo.fdd.q_QualMin := -16)		
58		+ ts_SysInfoModifySIB3_And4_RRC		
		(p_CellId, tcv_SIB3, tcv_SIB4, tsc_Now		
)		

1.17 tc_12_2_1_4_1 (WA#NAS3121)

Test case name tc_12_2_1_4_1
Reason for change Cell C not released
Summary of change Cell C released
Source of change New change
Label WA#NAS3121

Before:

It_RemoveForbiddenPLMN				
47		+ts_SS_Rel (tsc_CellD)		@sic VB T1 s-040585 sic@
48		(tcv_CellInfoA.attenuationLevel := tsc		
49		_AttenuationServingCell)		
49		+ts_SS_CreateCellDCH (tsc_CellA)		Activate Cell D
50		+ts_SendDefSysInfo (tsc_CellA)		
51		+ ts_MM_PwrOrUSIM_On (FALSE)		
52		+ ts_GMM_RemoveForbiddenPLMN		
53		(tsc_CellA)		
53		+ts_GMM_DetachOnSwitchOff (tsc		
		_CellA)		

After:

It_RemoveForbiddenPLMN				
63		+ts_SS_Rel (tsc_CellC)		WA#NAS3121
64		+ts_SS_Rel (tsc_CellD)		@sic VB T1 s-040585 sic@
65		(tcv_CellInfoA.attenuationLevel := tsc		
66		_AttenuationServingCell)		
66		+ts_SS_CreateCellDCH (tsc_CellA)		Activate Cell D
67		+ts_SendDefSysInfo_12_4_1_x (tsc_CellA)		WA#NAS3131
68		+ ts_MM_PwrOrUSIM_On (FALSE)		
69		+ ts_GMM_RemoveForbiddenPLMN (tsc_CellA)		
70		+ts_GMM_DetachOnSwitchOff (tsc_CellA)		

CHANGE REQUEST

34.123-3 CR 1237 # rev - # Current version: **3.8.0**

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 12.2.1.5a Proc1		
Source:	# Anite		
Work item code:	# N/A	Date:	# 10/12/04
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. 12_2_1_5a_Proc1 : 34.123-1v 5.9.0 Sec 12.2.1.5a.4.1, in the expected sequence, at Step#9 specifies "Registration on CS with UE with Parameter mobile identity is IMSI for mode A UE". In TTCN implementation mobile identity in Location Updating Request is not checked for IMSI.
Summary of change:	# 1. Created a new test case variable <i>tcv_IMSI_Reg</i> used to indicate CS registration should check for Mobile identity with IMSI or not. 2. In the test step <i>ts_RegistrationOnCS</i> , a <i>tcv_IMSI_Reg = TRUE</i> check is made to handle CS registration with IMSI. 3. For <i>tc_12_2_1_5a_Proc1</i> , assigned <i>tcv_IMSI_Reg = TRUE</i> in testcase body at <i>It_Steps_7To13</i> line #33.
Consequences if not approved:	# TTCN implementation will not be consistent with 34.123-1.

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> </table> Other core specifications #	Y	N	#	X
Y	N				
#	X				
	<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> </table> Test specifications #	#	X		
#	X				
	<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> </table> O&M Specifications #	#	X		
#	X				
Other comments:	# NAS_wk47 TTCN is used as reference ATS				

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 name	Test case variables declarations, <i>tcv_IMSI_Reg</i>
Reason for change	<i>tcv_IMSI_Reg</i> variable is used as flag to check if the CS Registration performed with IMSI. <i>tcv_IMSI_Reg</i> = TRUE : CS Registration with IMSI = FALSE : CS Registration without check for Mobile identity.
Summary of change	New test case variable <i>tcv_IMSI_Reg</i> introduced with default value <i>FALSE</i> .

1.2 Change 2

Test step name	<i>ts_RegistrationOnCS</i>
Reason for change	<i>ts_RegistrationOnCS</i> test step modified to handle CS registration to check explicitly with Mobile identity IMSI or without check for Mobile identity.
Summary of change	At line 2 check Location Updating request message is now checked based on the <i>tcv_IMSI_Reg</i> . Also added a local tree <i>lt_LocUpdAccept</i> for sending Location Updating Accept message.

Before Change :

1	+ts_SetTmpCellInfo (p_CellId)		Fetch SS_Cell_Info table corresponding to the cell
2	Dc?RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cb_LocUpdReqAny(?))	LOCATION UPDATING REQUEST
3	+ts_SS_SecurityDownloadStart (cs_domain, tcv_Start)		
4	+ts_MM_Authentication(p_CellId)		AUTHENTICATION REQUEST AUTHENTICATION RESPONSE
5	+ts_RRC_Security(p_CellId, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM, TRUE, cs_domain)		SECURITY MODE COMMAND SECURITY MODE COMPLETE
6	Dc!RRC_DataReq (tcv_AssignedTMSI := p_TMSI)	ca_DataReq(tsc_CellDedicated, tsc_RB3, cs_LocUpdAcpTMSI_2(tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, p_TMSI))	LOCATION UPDATING ACCEPT
7	Dc?RRC_DataInd	car_UplinkDirectTransfer(tsc_CellDedicated, tsc_RB3, c_TMSI_ReallocCmpl)	TMSI REALLOCATION COMPLETE

After Change :

2		(tcv_IMSI_Reg = TRUE)			
3		Dc?RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, c_LocUpdReqAny_IMSI(*))		LOCATION UPDATING REQUEST with IMSI
4		+It_LocUpdAccept			
5		(TRUE)			
6		Dc?RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cb_LocUpdReqAny(?))		LOCATION UPDATING REQUEST
7		+It_LocUpdAccept			

New Local Test Step:

It_LocUpdAccept					
8		+ts_SS_SecurityDownloadStart(cs_domain, tcv_Start)			
9		+ts_MM_Authentication(p_CellId)			AUTHENTICATION REQUEST AUTHENTICATION RESPONSE
10		+ts_RRC_Security(p_CellId, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM, TRUE, cs_domain)			SECURITY MODE COMMAND SECURITY MODE COMPLETE
11		Dc!RRC_DataReq (tcv_AssignedTMSI := p_TMSI)	ca_DataReq(tsc_CellDedicated, tsc_RB3, cs_LocUpdAcqTMSI_2(tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, p_TMSI))		LOCATION UPDATING ACCEPT
12		Dc?RRC_DataInd	car_UplinkDirectTransfer(tsc_CellDedicated, tsc_RB3, c_TMSI_ReallocCmpl)		TMSI REALLOCATION COMPLETE

1.3 Change 3

Test step name *tc_12_2_1_5a_Proc1, It_Steps_7To13*

Reason for change According to 34.123-1v 5.9.0 Sec 12.2.1.5a.4.1, in the expected test sequence, at Step#9 the “CS Registration should be performed with Mobile Identity as IMSI.”

Summary of change Assigned *tcv_IMSI_Reg = TRUE* at *It_Steps_7To13* line #33.

Before change:

It_Steps_7To13					
31		+ts_SS_DecrementCellPowerLevel (tsc_CellA, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)			Set cell A to Non Suitable Neighbour cell @sic VB 2 cells activates at the same time sic@
32		+ts_SS_IncrementCellPowerLevel (tsc_CellB, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)			Set cell B to Serving cell @sic VB 2 cells activates at the same time sic@
33		+ ts_MM_RegistrationHandleAttachReqIMSI (tsc_CellB)			Step 9-11 @sic VB ER1595 sic@

After change:

It_Steps_7To13					
31		+ts_SS_DecrementCellPowerLevel (tsc_CellA, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)			Set cell A to Non Suitable Neighbour cell @sic VB 2 cells activates at the same time sic@
32		+ts_SS_IncrementCellPowerLevel (tsc_CellB, tsc_AttenuationNonSuitableNeighbourCell - tsc_AttenuationServingCell)			Set cell B to Serving cell @sic VB 2 cells activates at the same time sic@
33		(tcv_IMSI_Reg = TRUE)			TTCN Change
34		+ ts_MM_LocRegistrationIMSI_HandleAttachReqIMSI (tsc_CellB)			Step 9-11 @sic VB ER1595 sic@ TTCN Change

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CHANGE REQUEST

34.123-3 CR 1238 # rev - # Current version: **3.8.0**

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 wk49 ATS.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 14/12/04
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 in TTCN as part of Regression on wk49 ATS.		
Summary of change:	# This document lists all changes applied to wk49 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;">#</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>	Y	N	#	X	Y	#	#	X	Other core specifications	#
Y	N										
#	X										
Y	#										
#	X										
		Test specifications									
		O&M Specifications									
Other comments:	#										

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1 Table of Contents

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4.1	Change 1	5

2 Corrections required for RRC_wk49 test suite

2.1 Change 1

Test step	lt_LoopUE_CapabilityToMakeDLRRCSQN_15, tc_8_1_7_1c
Reason for change	TTCN CR T1s040734 change for this local tree is missing.
Summary of change	Following Changes are required: 1: Constraint in line Line 31 used should be cas_UE_CapabilityInfoCnfAM_WithCnf. 2: A new line 32 should be added to handle RLC AM Data Cnf.
Source of change	New change

After:

31	AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityInfoCnfAM_WithCnf(tsc_CellDedicated , tsc_RB2, tsc_Mui, cs_108_UE_CapabilityInfoCnfAM (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI))	step 4
32	AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui)	
33	[tcv_RRC_MSN_RB2 = 15]		
34	(tcv_Res := TRUE)		

2.2 Change 2

Test step	tc_8_1_6_1
Reason for change	The test purpose mentioned in TTCN test case header does not confirm with test purpose described for TC 8.1.6.1 in 3GPP TS 34.123-1 V5.9.0
Summary of change	Test purpose in the TC 8.1.6.1 is updated as per 34.123-1 V5.9.0
Source of change	New change

Before:

Test Case Id:	tc_8_1_6_1
Test Group Reference:	RRC/RRC_DirectTransfer/
Purpose:	To confirm that the UE transmits an RRC STATUS message on the DCCH using AM RLC if it receives a DOWNLINK DIRECT TRANSFER message which does not include the IE "NAS message"
Configuration:	
Defaults:	RRC_Def1
Comments:	

After:

Test Case Id:	tc_8_1_6_1
Test Group Reference:	RRC/RRC_DirectTransfer/
Purpose:	To confirm that the UE transmits an RRC STATUS message on the DCCH using AM RLC if it receives a DOWNLINK DIRECT TRANSFER message with a non comprehended critical extension. To confirm that the UE transmits an RRC STATUS message on the DCCH using AM RLC if it receives a DOWNLINK DIRECT TRANSFER message which includes an invalid IE "CN domain identity".
Configuration:	
Defaults:	RRC_Def1
Comments:	

3 Corrections required for NAS_wk49 test suite

3.1 Change 1

Test step	tc_12_6_1_3_3 Local tree It_AuthAndCiphFailure_Step_7
Reason for change	34.123-1 Section 12.6.1.3.3.4 for expected sequence Step#8 specifies <i>“SS verifies that the UE does not attempt to access the network for 30s. R99 and REL-4: Optional step”</i> In TTCN implementation 100s is used in place of 30s
Summary of change	At line#37 ts_VerifyNoNAS (30) used in place of ts_VerifyNoNAS (1000)
Source of change	New change

Before:

37		+ts_VerifyNoNAS (1000)			Step 8
38		? TIMEOUT t_WaitS		(P)	Rel 99 and Re may or may n THENTICATIC HERING FAILI 30 seconds. I es not send th e, then do nott

After:

37		+ts_VerifyNoNAS (30)			Step 8
38		? TIMEOUT t_WaitS		(P)	Rel 99 and Re may or may n THENTICATIO HERING FAILI 30 seconds. I es not send th e, then do nott

4 Corrections required for IR_U_wk49 test suite

4.1 Change 1

Test step	ts_SendDefSysInfo_PLMN
Reason for change	The test step ts_SendDefSysInfo_PLMN is defined in both IR_U and RRC. This test step is updated in RRC ATS but not in IR_U ATS.
Summary of change	Copied the ts_SendDefSysInfo_PLMN updated test step from RRC ATS to IR_U ATS, which is required for 6_2_1_7 and 6_2_1_8 test cases.
Source of change	New change

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1239 # rev - # Current version: **3.8.0**

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 wk49 ATS.		
Source:	# Racal instruments Wireless Solutions, an Aeroflex Company		
Work item code:	# N/A	Date:	# 14/12/04
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 wk49 ATS.
Summary of change:	# This document lists all changes applied to wk49 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;">#</td> <td style="width: 20px; text-align: center;">X</td> </tr> </table> Other core specifications # <input type="checkbox"/>	Y	N	#	X
Y	N				
#	X				
	<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;">#</td> </tr> <tr> <td style="width: 20px; text-align: center;">#</td> <td style="width: 20px; text-align: center;">X</td> </tr> </table> Test specifications # <input type="checkbox"/>	Y	#	#	X
Y	#				
#	X				
	<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> </table> O&M Specifications # <input type="checkbox"/>	#	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.

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2 Corrections required for ATS MAC_wk49 test suite

2.1 ER 1: tc_7_1_1_8

Test case	Tc_7_1_1_8
Reason for change	<ol style="list-style-type: none"> 1. While sending the Ack PDU for paging response we should only response the last PDU of the SDU instead of sending Ack for all PDUs as the poll bit will be set on the last PDU only. Sending Ack for all PDU may trigger the retransmission of PDUs from the UE, which is not handled in TTCN. 2. Poll Timer for AM Mode RB 3 is set to 200 ms. SS will have to receive the PDUs and UE should receive the Ack within 200 ms. It is too tight for SS implementation and could trigger retransmission of PDU in the UE. SS should handle at least one retransmission and send the Ack again. We feel this will give UE some extra time to receive the first Ack sent by SS and stop retransmission.
Summary of changes	<p>It is proposed to send ACK for the last block transmitted by UE and to accept any retransmission.</p> <ol style="list-style-type: none"> 1. Line 30 and 32 are deleted and in lt_UpdateCounter, increase tcv_MAC_Counter independently of the px_NumOfSegInPagResOrSerReq 2. after line 42 check for NUM PDU + 1 and send the ack with lsn set to NUM PDU. 3. Start a timer with 275 ms (200ms poll timer + 2 TTI + 55 ms) and wait handle the PDU, if retransmitted.

Test Step					
Test Step Id:	ts_RRC_ConnEstForMAC_ReInITDirectrans (p_CellId: INTEGER)				
Test Step Group Ref:	RRC_Steps/				
Objective:	To execute the RRC connection establishment Procedure and to receive the Service request or Paging response NAS message				
Defaults:	RRC_Def1				
Comments:	<p>This test step is identical to the test step ts_RRC_ConnEst except that the RRC connection setup message has been modified to enable Timer_Status_Periodic for RB3. This timer is used for MAC testing such that the UE will provide STATUS reports regularly even if it has not received any RLC PDUs (because they have been discarded by the MAC layer due to invalid MAC headers).</p> <p>The generic Step to establish RRC Connection and bring UE to CELL_FACH or CELL_DCH state. In this Step, 4 Signalling Radio Bearers with 3.4kbps DL & UL is setup (RB# 1, 2, 3,4)</p>				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
29	ERR	{ TRUE }			
lt_Updatecounter					
30		{ tcv_MAC_Counter < px_NumOfSegInPagResOrSerReq }			
31		-(tcv_MAC_Counter := tcv_MAC_Counter + 1)			
32		{ TRUE }			
lt_ReceiveSegments_FACH					
33	Next1	TM ? RxMAC CANCEL t_WaitMS	car_DataIndHiPriNAS (tsc_RB_DCCH_FACH_MAC, c_MAC_PDU_TCTF (tsc_DCCH_OnRACH_FDD, ?))		
34		+lt_Updatecounter			1
35		TM ! TxMAC	cas_DataReqHiPriNAS (tsc_RB_DCCH_FACH_MAC, cs_MAC_PDU_Send_STATUS_Def (cs_StatusAndPad (

			cs_SF_Ack(lcv_MAC_Counter, 31))		
36		START t_WaitMS (tsc_WaitNextRLC_Segment)			
37		GOTO Next1			
38		? TIMEOUT t_WaitMS			
39		[lcv_MAC_Counter = px_NumOfSegInPagResOrServReq]			(P)
40		[TRUE]			(F)
It_Receive Segments_DCH					
41	Next2	TM ? RxMAC CANCEL t_WaitMS	car_DataIndHiPriNAS(tsc_RB_DCCH_DCH_MAC, c_MAC_PDU_CT_DCH (tsc_CT_LoCh3, ?))		
42		+ It_Updatecounter			
43		[lcv_MAC_Counter >= px_NumOfSegInPagResOrServReq]			
44		TM ! TxMAC	cas_DataReqHiPriNAS(tsc_RB_DCCH_DCH_MAC, c_MAC_PDU_CT_RCV_STATUS_DCH(tsc_CT_LoCh3, cs_StatusAndPad(cs_SF_Ack(tsc_MAC_Counter px_NumOfSegInPagResOrServReq),31)))		
45		START t_WaitMS (tsc_WaitNextRLC_Segment)			
46		START t_WaitMS(275)			
47		GOTO Next2			
48		[TRUE]			
49		START t_WaitMS (200)			
50		GOTO Next2			
51		? TIMEOUT t_WaitMS			
52		[lcv_MAC_Counter = px_NumOfSegInPagResOrServReq]			(P)
53		[TRUE]			(F)(P)
Detailed Comment: 1. Update the cell configuration 2. This step is only intended for use by the MAC layer, for tests to be performed in Cell FACH state.					

3 Corrections required for ATS RRC_wk49 test suite

3.1 ER 2: Tc_8_2_4_3, tc_8_2_4_4, tc_8_3_1_21, tc_8_3_1_22, tc_8_3_2_11, tc_8_3_2_12

Test case	Tc_8_2_4_3, tc_8_2_4_4, tc_8_3_1_21, tc_8_3_1_22, tc_8_3_2_11, tc_8_3_2_12
Reason for change	Incorrect postamble called. There are more than one cell created but only one cell is released at the end of the test.
Summary of changes	+po_ConnectionAndSS_Rels should be used for postamble instead of +po_ConnectionAndSS_Rel (tsc_Cella).

3.2 ER 2: tc_8_4_1_7

Test case	tc_8_4_1_7
Reason for change	Incorrect Timer used in line 51, 53, 61 and 63. 5 Seconds times should be used instead of 5 Milliseconds.

Summary of changes	Use t_WaitS instead of t_WaitMS in Line 51, 53, 61 and 63.
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4 Corrections required for 8.3.9.1 IR_U_wk49 test suite

4.1 ER_IR_U_1: tc_8_3_9_1

Affected Objects	tc_8_3_9_1
Reason for Change	Power level not updated for the correct cell
Summary of Change	In It_LocalTest line no 16 the power level has to be changed for GSM Cell B but it is done for cell A that overwrites the previous step.
Change Source	New

After Change:

	It_LocalTest	
14	+ts_IdleUpdated(tsc_CellA)	
15	+ts_GSM_SetChPowerLevel (tsc_GSM_CellA, tsc_PhyCh0, tsc_ChPwrLvl_75dBm)	
16	+ts_GSM_SetChPowerLevel (tsc_GSM_CellB, tsc_PhyCh0, tsc_ChPwrLvl_85dBm)	
17	+ts_AT_InitConnection (tsc_CellA)	
18	+ts_RRC_ConnEstPS_MO_P5_P6 (tsc_CellA)	

4.2 ER_IR_U_2: tc_8_3_9_1

Affected Objects	tc_8_3_9_2
Reason for Change	As per 34.123 during step d-f Tbarred has to be set to 80
Summary of Change	In It_SubTest instead of current assignment for only cellBarred created a new constraint for cellAccessRestriction to handle table step d-f and used here.
Change Source	New

After Change:

	It_SubTest		
37	{tcv_ISHO_SubtestCounter= 1}		Sub Te
38	{ tcv_SIB3.cellAccessRestriction.cellBarred := c_CellBarred_80, tcv_SIB4.cellAccessRestriction.cellBarred := c_CellBarred_80 }		Servic
39	+ts_SysInfoModifySIB3_And4_RRC_83x (tsc_CellA ,tcv_SIB3, tcv_SIB4,tsc_Now)		
40	{tcv_ISHO_SubtestCounter= 2}		Sub Te
41	{ tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.q_RxlevMin := -21, tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.q_RxlevMin := -21 }		Q_Rxle S < 0 fr
42	+ts_SysInfoModifySIB3_And4_RRC_83x (tsc_CellA ,tcv_SIB3, tcv_SIB4,tsc_Now)		
	It_PagingType2		

4.3 ER_IR_U_3: tc_6_2_1_7

Affected Objects	tc_6_2_1_7
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Reason for Change	As per T1s040746 preamble has been added to change the LOCI field of the special SIM for 6.2.1.7. But, the MMI command to insert the Special SIM for 6.2.1.7 comes up only after the preamble, which results in preamble becoming un-necessary or rather not, performing what it is intended.
Summary of Change	Removed the test step “ ts_MMI_Cmd ("Please insert the USIM card, with information given in 6.2.1.7")” from It_LocalTest and inserted the same at line no 7
Change Source	New

After Change:

0		START t_Guard(540)	
1		[px_RAT=fdd]	
2		+It_InitVariables	
3		(tcv_CellInfoA.mcc:=tsc_MCC_PLMN1, tcv_CellInfoA.mnc:=tsc_MNC_PLMN1, tcv_CellInfoA.lac:=tsc_LAC_PLMN1, tcv_CellInfoA.rac:=tsc_RAC_PLMN1)	
4		+ts_SS_CreateCellFACH(tsc_CellA)	
5		+ts_SendDefSysInfo_PLMN(tsc_CellA)	
6		+ts_MMI_Cmd ("Please insert the USIM card, with information given in 6.2.1.7")	
7		+ts_IdleUpdated (tsc_CellA)	
8		+ts_DetachOnSwitchOff_FACH(tsc_CellA)	
9		(tcv_CellInfoA.mcc:=tsc_MCC_PLMN3, tcv_CellInfoA.mnc:=tsc_MNC_PLMN3, tcv_CellInfoA.lac:=tsc_LAC_PLMN3, tcv_CellInfoA.rac:=tsc_RAC_PLMN3)	

		It_LocalTest	
0	TBS	(tcv_TestBody:=TRUE)	
1		+ts_IdleUpdated (tsc_CellA)	
2		+ts_MMI_Cmd ("Please check that UE is registered on PLMN3 (UTRAN)")	
3		+ts_HO_ReconfFACH_ToFACH (tsc_CellA, tsc_CellC)	
4		+ts_SS_Rel(tsc_CellA)	
5		+po_GSM_SS_CellRelease(tsc_GSM_CellA)	

4.4 ER_IR_U_4: tc_6_2_1_8

Affected Objects	tc_6_2_1_8
Reason for Change	As per T1s040748 preamble has been added to change the LOCI field of the special SIM for 6.2.1.8. But, the MMI command to insert the Special SIM for 6.2.1.8 comes up only after the preamble, which results in preamble becoming un-necessary or rather not, performing what it is intended.
Summary of Change	Removed the test step “ ts_MMI_Cmd ("Please insert the USIM card, with information given in 6.2.1.8")” from It_LocalTest and inserted the same at line no 7
Change Source	New

After Change:

0		START t_Guard(540)		
1		[px_RAT=fdd]		
2		+lt_InitVariables		
3		(tcv_CellInfoA.mcc:=tsc_MCC_PLMN1, tcv_CellInfoA.mnc:=tsc_MNC_PLMN1, tcv_CellInfoA.lac:=tsc_LAC_PLMN1, tcv_CellInfoA.rac:=tsc_RAC_PLMN1)		
4		+ts_SS_CreateCellFACH(tsc_CellA)		
5		+ts_SendDefSysInfo_PLMN(tsc_CellA)		
6		+ts_MMI_Cmd ("Please insert the USIM card, with information given in 6.2.1.8")		
6		+ts_IdleUpdated (tsc_CellA)		
7		+ts_DetachOnSwitchOff_FACH(tsc_CellA)		
8		(tcv_CellInfoA.mcc:=tsc_MCC_PLMN5, tcv_CellInfoA.mnc:=tsc_MNC_PLMN5, tcv_CellInfoA.lac:=tsc_LAC_PLMN5, tcv_CellInfoA.rac:=tsc_RAC_PLMN5)		
9		(tcv_MIB := c_MIB_DefLongNeighCellInfo (tcv_CellInfoA))		
10		+ts_SendMIB(tcv_MIB.tsc_CellA.tsc_Now)		

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		lt_LocalTest		
0	TBS	(tcv_TestBody:=TRUE)		
1		+ts_IdleUpdated (tsc_CellA)		
2		+ts_MMI_Cmd ("Please check that UE is registered on PLMN5 (UTRAN)")		
3		+ts_HO_ReconfFACH_ToFACH (tsc_CellA, tsc_CellC)		

CHANGE REQUEST

⌘ 34.123-3 CR 1240 ⌘ rev - ⌘ Current version: 3.8.0 ⌘

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 8.3.11.1		
Source:	⌘ Ericsson		
Work item code:	⌘ TEI	Date:	⌘ 13/12/2004
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: ⌘ The TC does not support the UE using Ciphering in GSM after Cell_Change_Order. If a Ciphering Algorithm is defined in the Authentication_And_Ciphering_Request the UE should use ciphering after a RAT switch.

What happens now is that when the UE does the Cell_Change_Order to GSM it will send RAU_Request with a defined Ciphering Key Sequence number. By doing this indicating that the UE has valid ciphering keys based on the info supplied on the 3G side. The UE then expect a ciphered RAU_Accept and will respond with a ciphered RAU_Complete (since GEA/1 algorithm is hardcoded in the TC). Otherwise the SS must send a new Authentication_And_Ciphering_Request with Ciphering off. This is not supported by TTCN which will always send a non ciphered RAU_Accept and expect a non ciphered RAU_Complete in the postamble.

This suggestion is according to the following clauses of 24.008.

4.7.7.4 GPRS ciphering key sequence number

....

In GSM, as an option, the network may decide to continue ciphering without sending an AUTHENTICATION AND CIPHERING REQUEST message after receiving a ROUTING AREA UPDATE REQUEST message with a valid GPRS ciphering key sequence number. Both the MS and the network shall use the latest ciphering parameters. The network starts ciphering when sending the ciphered ROUTING AREA UPDATE ACCEPT message to the MS. The MS starts ciphering after receiving a valid ciphered ROUTING AREA UPDATE ACCEPT message from the network.

4.7.7.7 Use of established security contexts

...

In GSM, in the case of an established UMTS security context, the GPRS GSM ciphering key shall be taken into use by the MS before the AUTHENTICATION AND CIPHERING RESPONSE message is transmitted. The network shall derive a GPRS GSM ciphering key from the GPRS UMTS ciphering key and the GPRS UMTS integrity key, by using the conversion function named "c3" defined in 3GPP TS 33.102.

4.7.7.8 Handling of keys at intersystem change from UMTS to GSM

At an intersystem change from UMTS to GSM, ciphering may be started (see 3GPP TS 04.64 [78a]) without any new authentication and ciphering procedure. Deduction of the appropriate security key for ciphering in GSM, depends on the current GSM/UMTS security context stored in the MS and the network.

Summary of change: ⌘ Introduce support for ciphered RAU messaging in the postamble.

Consequences if not approved: ⌘ Not possible to test UE with ciphering on.

Clauses affected: ⌘ tc_8_3_11_1

	Y	N		⌘
Other specs affected:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other core specifications	⌘
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Test specifications	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	O&M Specifications	

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

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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.

Title: Corrections to test case 8.3.11.1
Source:
Document for: Approval
Contact:

1 Overview

This document gives details of the changes made to TTCN implementation for test case 8.3.11.1, which is part of IR_U test suite.

2 Table of Contents

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3 Verification Test Summary

Test Case: tc_8_3_11_1

Test Group: IR_U/ CellChangeOrderUTRAN_ToGSM/

ATS Version: IR_U_wk49 + modifications

4 Corrections required for test case 8.3.11.1

4.1 Introduction

This document lists corrections to test case 8_3_11_1, which is approved. The changes are explained in the following session.

4.2 Presentation of the modifications

The changes done are described below in tables, and are also supported by **screenshots** taken from the relevant parts of changed TTCN objects in TTCN.GR format.

The tables used in the following session is described below with an example below

Table 1: Example Change Table

TTCN object	<i>tc_8_3_11_1</i>
Reference ATS	<i>IR_U_wk49.mp</i>
Change Label	
Reason for change	<i><Textual description of change reason>.</i>
Summary of change	<i><Textual description of performed changes></i>
Other affected objects	<i>< other fields affected> (optional)</i>
ETSI comment	

- 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:
- All objects belong to the same TTCN Object Class; and
 - All objects are either created, or are modified in the same systematic way; and
 - 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.
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 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:	ETSI colleagues giving a dedicated reply to the current CR document may use this field.

4.3 Modification inside the tc_8_3_11_1 behaviour table

TTCN object	<i>tc_8_3_11_1</i>
Reference ATS	<i>IR_U_wk49.mp</i>
Change Label	
Reason for change	RAU Accept message always sent unciphered
Summary of change	Add localtree It_RAUAcpt to determine cipher mode, according to the value of px_CipheringOnOff
Other affected objects	< other fields affected > (optional)
ETSI comment	

Before:

It_Postamble	
3	+ts_DownlinkTBFEstablishment(tsc_GSM_CellA,
4	tsc_PhyChl, bcch)
3	G_LLC ! G_LLC_UNITDATA_REQ
5	cas_G_LLC_UnitData_Re q(tsc_LLEntity, tcv_TLLI, tsc_LLCsapi_GMM, tsc_LLC_PM, tsc_LLC_NoCiph, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAI_v (tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac) , c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))
3	+ts_UplinkTBFOnePhase(tsc_GSM_CellA,
6	tsc_PhyChl)
3	G_LLC ? G_LLC_UNITDATA_IND
7	cas_G_LLC_UnitData_Ind (tsc_LLEntity, cs_RA_UpdComplete)
3	+ts_G_DetachOnSwitchOff (tsc_GSM_CellA)

After:

33		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_GSM_CelIA, chr_RA_UpdReqAny (?, ?, ?))		
It_Postamble					
34		+It_SendRAUAcpt			Send RAU Accept either ciphered or unciphered
35		+ts_UplinkTBFOnePhase(tsc_GSM_CelIA, tsc_PhyCh1)			
36		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEE nty, cs_RA_UpdComplete)		
37		+ts_G_DetachOnSwitchOff(tsc_GSM_CelIA)			
38		+ts_Delete_GPRS_Entities(tsc_GSM_CelIA, tsc_PhyCh1, tsc_LLEE nty)			
39		+pgo_GPRS_SS_CelRelease(tsc_GSM_CelIA)			
40		+ts_SS_Re(tsc_CelIA)			
It_SendRAUAcpt					
41		[px_CipheringOnOff]			Send unciphered
42		+ts_DownlinkTBFEstablishment(tsc_GSM_CelIA, tsc_PhyCh1, bcc)			
43		G_LLC G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEE Entity, tcv_TLLI, tsc_LLCsapi_GMM, tsc_LLC_PM, tsc_LLC_NoCipher, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAL_v(tcv_TmpCellInfo_mcc, tcv_TmpCellInfo_mnc, tcv_TmpCellInfo_lac, tcv_TmpCellInfo_rac), c_PTMSI_Signature(px_PTMSI_SigDef), c_MobileIdPTMSI(px_PTMSI_Def), -))		
44		[NOT px_CipheringOnOff]			
45		+ts_LLC_TLLI_Assign(p_CellId, tcv_oldTLLI, tcv_TLLI, px_CipherAlg)			don't change the TLLI, only the ciphering algorithm
46		+ts_DownlinkTBFEstablishment(tsc_GSM_CelIA, tsc_PhyCh1, bcc)			
47		G_LLC G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEE Entity, tcv_TLLI, tsc_LLCsapi_GMM, tsc_LLC_PM, tsc_LLC_Cipher, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAL_v(tcv_TmpCellInfo_mcc, tcv_TmpCellInfo_mnc, tcv_TmpCellInfo_lac, tcv_TmpCellInfo_rac), c_PTMSI_Signature(px_PTMSI_SigDef), c_MobileIdPTMSI(px_PTMSI_Def), -))		
Detailed Comment					

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1241 # rev - # Current version: **3.8.0**

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 required to Package 4 NAS test case 12.9.13.		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 14/12/2004
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. RB20 has already been configured previously in "ts_RRC_SendRB_SetUpDCH_64k_PS". CRLC_Config_REQ is used again (twice) for RB20 in the local configuration in test step "ts_RRC_SendRB_SetUpDCH_64k_2AM_PS" which is not correct for RLC on the SS side.
	2. Wrong AT command sequence for the secondary PDP context establishment.
Summary of change:	# 1. Deleted the first two lines for redundant configuration of RB20.
	2. Correction in the AT command sequence for the secondary PDP context establishment.
Consequences if not approved:	# The test case will fail.

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:	#				

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 NAS ATS

1.1 ts_SS_RB20_AM_22_AM_Cfg_WA and ts_RRC_SendRB_SetUpDCH_64k_2AM_PS (WA#NAS4685)

Test step name	ts_SS_RB20_AM_22_AM_Cfg_WA
Reason for change	RB20 has already been configured previously in "ts_RRC_SendRB_SetUpDCH_64k_PS". CRLC_Config_REQ is used again (twice) for RB20 in the local configuration in test step "ts_RRC_SendRB_SetUpDCH_64k_2AM_PS" which is not correct for RLC on the SS side.
Summary of change	<p>Created new test step based in ts_SS_RB20_AM_22_AM_Cfg but with the first two lines with the RB20 configuration removed.</p> <p>Used "ts_SS_RB20_AM_22_AM_Cfg_WA" instead of "ts_SS_RB20_AM_22_AM_Cfg" in the local configuration of ts_RRC_SendRB_SetUpDCH_64k_2AM_PS.</p> <p>Note that "ts_RRC_SetUpRAB_2AM" still requires the original "ts_SS_RB20_AM_22_AM_Cfg" (with RB20 and RB22 configurations).</p>
Source of change	New change
Label	WA#NAS4685

Test Step				
Test Step Id:	ts_SS_RB20_AM_22_AM_Cfg_WA			
Test Step Group Ref:	L3M_SS_ConfigSteps/			
Objective:	setup radio bearers : RB20 and 22 mapped on AM			
Defaults:	SS_Def			
Comments:	WA#NAS4685			
...	...	Behaviour Description	Constraint Ref	Comments
1		CRLC ? CRLC_Config_REQ	ca_RB_AM_Info_RAB (ts_CellDedicated, ts_C_RB22, ts_TimerPollProhibit, ts_TimerPoll, ts_PollSDU, ts_PollWindow, (ULLogicalChannelIdentity ts_UL_DTCH2, dLogicalChannelIdentity ts_DL_DTCH2), 320)	SS configuration of the radio bearer information : RB22 (AM + DTCH) @site: ER 1492 site@
2		CRLC ? CRLC_Config_CNF	ca_CRLC_CfgCnf(ts_CellDedicated, ts_C_RB22)	

Test Step				
Test Step Id:	ts_RRC_SendRB_SetUpDCH_64k_2AM_PS (
	p_CellId: INTEGER,			
	p_RAB_Id: BITSTRING,			
	p_ActTime: ActivationTime)			
Test Step Group Ref:	L3M_RRC_Steps/L3M_RRC_RAB_Steps/			
Objective:	To setup a RADIO BEARER cell_DCH_2AM_PS and to reconfigure the SS accordingly.			
Defaults:	RRC_Deft			
Comments:	@SIC_NAPP This step is used to set up a second PS RAB. See TS 34.108 clause 8.10.2.4.1.57.			
...	...	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_Mul, cds_RB_SetUp64k_2AM_PS (tcv_CellInfo.dl.IntegrityCheckInfo, tcv_RRC_Ti, p_ActTime, p_RAB_Id, tcv_TmpCellInfo.priScrmCode, tcv_TmpCellInfo.ul_ScramblingCode))	
3		AM ? RLC_AM_DATA_CNF	car_AM_DataulCnf (tsc_CellDedicated, tsc_RB2, tsc_Mul)	
4		*ts_SS_2DCH_Modify (p_CellId, c_DCH_340_148_UL_Info (activationCFN : p_ActTime), c_DCH_340_148_DL_Info (activationCFN : p_ActTime), c_TCHInfo_UL_2_0T09 (c_DCH_148_TFS_UL, c_DCH_340_TFS_20_TC), c_TCHInfo_DL_2_0T09 (c_DCH_148_TFS_DL, c_DCH_340_TFS_20_TC, c_PowerOffsetInfo.Highest4k), c_TriLogMappingUL_2_Multiplex_PS, c_TriLogMappingDL_2_Multiplex_PS, p_ActTime, cb_DL_DPCH_64k_PS (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_PS), tcv_TmpCellInfo.dl_DPCH_2ndScrmCode), cb_UL_DPCH_Info (tcv_UL_DPCH_SF_64k_PS, p0_92, tcv_TmpCellInfo.ul_ScramblingCode))		
5		*ts_SS_RB20_AM_22_AM_Cfg_VIA		WA#NAS4685
6	TS	*ts_RRC_BearerRB_SetUpCmpl (p_CellId, cell_DCH_2AM_PS)		
7	P	*ts_SetCellCfg (p_CellId, cell_DCH_2AM_PS)		
Detailed Comment:				

1.2 ts_AT_SecondaryPDP_Context (WA#NAS4687)

Test step name	ts_AT_SecondaryPDP_Context
Reason for change	Wrong AT command in the sequence. The next PDP context to be set up is the interactive one and the <cid> should be 2, so the AT command to be used should be ("AT+CGEQREQ=2,2,64,64,,,1,320,""1E4"" , ""1E5"" , 1,,3<CR>") instead the one that it is assigned in "ts_AT_SetQoS".
Summary of change	Removed lined calling "ts_AT_SetQoS" and added instead the direct assignment for that interactive QoS with <cid> set to 2 (lines 4, 5 and 6).
Source of change	New change
Label	WA#NAS4687

Test Step				
Test Step Id:	ts_AT_SecondaryPDP_Context			
Test Step Group Ref:	L3M_UT_Steps/			
Objective:	To originate a secondary PDP Context from the UE			
Defaults:	UT_OtherwiseFail			
Comments:	@SIC T1 s040719 sic@ WA#NAS4687			
...	...	Behaviour Description	Constraint Ref	Comments
1		(tcv_AT_Cmd := ("AT+CGDSCONT=2,1<CR>"))		Define c_id, 0
2		UI ? AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)	
3		UI ? AT_CmdCnf	ca_AT_CmdCnf	
4		(tcv_AT_Cmd := ("AT+CGEQREQ=2,2,64,64,,,1,320,""1E4"" , ""1E5"" , 1,,3<CR>"))		
5		UI ? AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)	
6		UI ? AT_CmdCnf	ca_AT_CmdCnf	
7		(tcv_AT_Cmd := ("AT+CGATT=2,1,1""235,235,235,235,235,235,235,235,235,235,17,""200,300"" , ""300,400"" <CR>"))		The Address parameters need to be checked.
8		UI ? AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)	
9		UI ? AT_CmdCnf	ca_AT_CmdCnf	
10		(tcv_AT_Cmd := "AT+CGACT=1,2<CR>")		ACTIVATE PDP CONTEXT message for MO
11		UI ? AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)	

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1242 # rev - # Current version: **3.8.0**

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 NAS test case 12.9.8: improvement of incomplete implementation of T1-041930		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 13/12/2004
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:	# Error was identified during the Wk47 ATS regression testing.
Summary of change:	# This document lists a change required to pass test case 12.9.8 that fails during the Wk47 Regression
Consequences if not approved:	# Conformant UEs may fail this test case

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:	#				

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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 NAS ATS

1.1 tc_12_9_8: It_TestBody (WA#NAS3135)

Test step name	tc_12_9_8: It_TestBody
Reason for change	Prose CR T1-041930 is not fully implemented. Manual attach UEs which do not detach are failing because the test case mandates detaching.
Summary of change	Manual attach UEs may detach are not. During a 5 sec waiting period either a detach or nothing is expected to be received.
Source of change	New change
Label	WA#NAS3135

Before:

27		[pc_AutomaticAttachSwitchON]		@sic VB T1-041930 sic@
28		+ts_AT_OrgPS_Call (tsc_CellA)		Steps 9 to 11a
29		+H_ServiceRequestSteps9To11a		Steps 13
30		+ts_GMM_SwitchOff_AfterPSRejection (tsc_CellA, tcv_CellInfoA.attFlag)		@sic VB T1-0401643 sic@
31		+H_SetModeA_ISupp		
32		[NOT (pc_AutomaticAttachSwitchON)]		@sic VB T1-041930 sic@
33		+ts_RRC_ConnEst (tsc_CellA, est_M_D, detach)		
34		Dc ? RRC_DataInd	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_DetachReq (c_DetachType(0B, 001B), c_MobileIDPTMBSI (tcv_AssignedPTMBSI), c_PTMSI_Signature_Ily (tcv_Assigned_PTMSI_Sig)))	Step 8c. DETACH REQUEST - Detach type is 'normal detach - GPRS detach'
35		+ts_RRC_ConnRel (tsc_CellA, cell_ID, detach)		Step 14
36		+ts_GMM_SwitchOffPwrOff		
37		+H_SetModeA_ISupp		Step 15

After:

27		[pc_AutomaticAttachSwitchON]		@sic VB T1-041930 sic@
28		+ts_AT_OrgPS_Call (tsc_CellA)		Steps 9 to 11a
29		+H_ServiceRequestSteps9To11a		Steps 13
30		+ts_GMM_SwitchOff_AfterPSRejection (tsc_CellA, tcv_CellInfoA.attFlag)		@sic VB T1-0401643 sic@
31		+H_SetModeA_ISupp		
32		[NOT (pc_AutomaticAttachSwitchON)]		@sic VB T1-041930 sic@
33		START_t_Wait(5)		Wait 5 sec to see if Detach arrives WA#NAS3135 starts here, see comments added
34		? TIMEOUT_t_WaitB		If no detach then proceed as in the Auto Attach case
35		+ts_AT_OrgPS_Call (tsc_CellA)		Steps 9 to 11a
36		+H_ServiceRequestSteps9To11a		Steps 13
37		+ts_GMM_SwitchOff_AfterPSRejection (tsc_CellA, tcv_CellInfoA.attFlag)		@sic VB T1-0401643 sic@
38		+H_SetModeA_ISupp		
39	TEP1	TM ? RLC_TR_DATA_IND (tcv_InitialUE_Id = RLC_TR_DATA_IND_t M_message.uL_CCH_Message.message.rrc.ConnectionRequest.initialUE_Identity) CANCEL_t_UpperBound	car_RRC_ConnReq (tsc_CellA, tsc_RB0, cbr_108_RRC_ConnReq (detach)) (P)	If detach, proceed as implemented by MCC160
40		+ts_RRC_ConnEstEnd (tsc_CellA)		
41		Dc ? RRC_DataInd	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_DetachReq (c_DetachType(0B, 001B), c_MobileIDPTMBSI (tcv_AssignedPTMBSI), c_PTMSI_Signature_Ily (tcv_Assigned_PTMSI_Sig)))	Step 8c. DETACH REQUEST - Detach type is 'normal detach - GPRS detach'
42		+ts_RRC_ConnRel (tsc_CellA, cell_ID, detach)		Step 14
43		+ts_GMM_SwitchOffPwrOff		
44		+H_SetModeA_ISupp		Step 15

Extract from T1-041930:

7	->	ATTACH COMPLETE	
7a	SS		The access class x is barred in cell A
8	UE		The UE initiates an upper-layer signalling, e.g., Active PDP Context request, by MMI or by AT command.
8a	UE		No SERVICE REQUEST sent to SS, as access class x is barred. SS waits 30 seconds
8b	SS		The access class x is not barred any more.
8c	UE		In manual attach mode, UE may send a Detach Request (Note 1). If the SS receives a Detach Request the test execution continues from step 14.
8d	UE		The UE initiates an upper-layer signalling, e.g., Active PDP Context request, by MMI or by AT command.
9	->	SERVICE REQUEST	Service Type = "signalling".
10	<-	SERVICE REJECT VOID	GMM cause = "GPRS services not allowed"
11			
11a	SS		The SS releases the RRC connection.
12	UE		The UE is switched off or power is removed (see ICS).

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1243 # rev - # Current version: **3.8.0**

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 SIB1 contents for approved RRC Idle Mode and InterRAT test cases.

Source: # Anite

Work item code: # N/A

Date: # 10/12/04

Category: # **F**

Release: # R99

Use one 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 one 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: #

- 1) ts_SendDefSysInfo_6_1_2_And6_2_2 is used to transmit the System Information in test case **6.2.2.1**. This test step uses c_SIB1_Diff for SIB1, which is not as per Default contents SIB1 specified in 34.108.
- 2) ts_SendSIB1_Modified is used to transmit Modified System Information Type1 in the test cases **6.2.2.1 and 12.8**. This test step uses c_SIB1_Diff for SIB1, which is not as per Default contents SIB1 specified in 34.108.
- 3) ts_SendDefSysInfo_PLMN_RAT and ts_SendDefSysInfo_PLMN are used to transmit Modified System Information Type1 in the test cases **6.1.1.5, 6.2.1.1, 6.2.1.6, 6.2.1.7, 6.2.1.8 and 6.2.1.9**. These test steps use c_SIB1_Diff for SIB1, which is not as per Default contents SIB1 specified in 34.108.
- 4) ts_SendDefSysInfo_3PLMN is used to transmit Modified System Information Type1 in the test case 6.1.1.7. This test step uses c_SIB1_Diff for SIB1, which is not as per Default contents SIB1 specified in 34.108.

Summary of change: #

- 1) In ts_SendDefSysInfo_6_1_2_And6_2_2 at line #9 : "c_SIB1_Diff " replaced with "cb_SIB1_Def".
- 2) In ts_SendSIB1_Modified at line #4 : "c_SIB1_Diff" replaced with "cb_SIB1_Def".
- 3) In ts_SendDefSysInfo_PLMN_RAT at line #9 and ts_SendDefSysInfo_PLMN at line #8 : "c_SIB1_Diff" replaced with "cb_SIB1_Def".
- 4) In ts_SendDefSysInfo_3PLMN at line #9 : "c_SIB1_Diff" replaced with "

	cb_SIB1_Def".									
Consequences if not approved:	⌘	TTCN implementation will not be as per the prose.								
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>X</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>	Y	N		X		X		X	Other core specifications ⌘ Test specifications O&M Specifications
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.

1.1 Change 1:

Test suite constant	ts_SendDefSysInfo_6_1_2_And6_2_2
Reason for change	ts_SendDefSysInfo_6_1_2_And6_2_2 is used to transmit the System Information in test case 6.2.2.1 . This test step uses c_SIB1_Diff for SIB1, which is not as per Default contents SIB1 specified in 34.108.
Summary of change	In ts_SendDefSysInfo_6_1_2_And6_2_2 at line #9 : "c_SIB1_Diff " replaced with "cb_SIB1_Def".
Source of change	New change

Before:

Test Step			
Test Step Id:	ts_SendDefSysInfo_6_1_2_And6_2_2(p_CellId: INTEGER)		
Test Step Group Ref:	SysInfo/IdleModeSpecific/		
Objective:	To broadcast default system information.		
Defaults:	InitOtherwiseFail		
Comments:	@SIC_NAPP		
Nr	Label	Behaviour Description	Constraint Ref
1		+ ts_SetTmpCellInfo (p_CellId)	
2		+ts_UTRAN_GERAN_Paralnit(p_CellId)	
3		+ts_CellDependentPara(p_CellId)	
4		+ts_InitializeSIB2AndSIB18(tcv_TmpCellInfo)	
5		+ts_ModifiedRegionalParalnit6_1_2(p_CellId)	
6		+ts_InitializeSIB11_12_SIB12_Idle (p_CellId)	
7		(tcv_MIB := c_MIB_DefLongNeighCellInfo (tcv_TmpCellInfo), tcv_SB1 := c_SB1_DefLongNeighCellInfo)	
8		[px_RAT = fdd]	
9		+ts_SendSIB1_LongNeighCellInfo (c_SIB1_Diff (tcv_TmpCellInfo , m60 , s20), p_CellId, tsc_Now)	
10		+ts_SendSIB2_LongNeighCellInfo(c_SIB2_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)	

After:

Test Step Id:	ts_SendDefSysInfo_6_1_2_And6_2_2(p_CellId: INTEGER)		
Test Step Group Ref:	SysInfo/IdleModeSpecific/		
Objective:	To broadcast default system information.		
Defaults:	InitOtherwiseFail		
Comments:	@SIC_NAPP		
Nr	Label	Behaviour Description	Constraint Ref
1		+ ts_SetTmpCellInfo (p_CellId)	
2		+ts_UTRAN_GERAN_Paralnit(p_CellId)	
3		+ts_CellDependentPara(p_CellId)	
4		+ts_InitializeSIB2AndSIB18(tcv_TmpCellInfo)	
5		+ts_ModifiedRegionalParalnit6_1_2(p_CellId)	
6		+ts_InitializeSIB11_12_SIB12_Idle (p_CellId)	
7		(tcv_MIB := c_MIB_DefLongNeighCellInfo (tcv_TmpCellInfo), tcv_SB1 := c_SB1_DefLongNeighCellInfo)	
8		[px_RAT = fdd]	
9		+ts_SendSIB1_LongNeighCellInfo (cb_SIB1_Def(tcv_TmpCellInfo), p_CellId, tsc_Now)	
10		+ts_SendSIB2_LongNeighCellInfo(c_SIB2_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)	

1.2 Change 2 :

Test suite constant	ts_SendSIB1_Modified
Reason for change	ts_SendSIB1_Modified is used to transmit Modified System Information Type1 in the test cases 6.2.2.1 and 12.8 . This test step uses c_SIB1_Diff for SIB1, which is not as per Default contents SIB1 specified in 34.108.

Summary of change	In ts_SendSIB1_Modified at line #4 : "c_SIB1_Diff" replaced with " cb_SIB1_Def".
Source of change	New change

Before:

		Search for data	Test Step
Test Step Id:	ts_SendSIB1_Modified(p_CellId: INTEGER)		
Test Step Group Ref:	UMTS_Specific/		
Objective:			
Defaults:	InitOtherwiseFail		
Comments:	@SIC_NAPP		
Nr	Label	Behaviour Description	Constraint Ref
1		[px_RAT = fdd]	
2		+ts_SetTmpCellInfo (p_CellId)	
3		+ ts_InitMIB_SB1 (p_CellId)	
4		+ts_SendSIB1_LongNeighCellInfo (c_SIB1_Diff (tcv_TmpCellInfo , m60 , s20), p_CellId, tsc_Now)	
5		+ts_SendSB1_LongNeighCellInfo(tcv_SB1, p_CellId, tsc_Now)	
6		+ts_SendMIB(tcv_MIB, p_CellId, tsc_Now)	

After:

		Test Step	
Test Step Id:	ts_SendSIB1_Modified(p_CellId: INTEGER)		
Test Step Group Ref:	UMTS_Specific/		
Objective:			
Defaults:	InitOtherwiseFail		
Comments:	@SIC_NAPP		
Nr	Label	Behaviour Description	Constraint Ref
1		[px_RAT = fdd]	
2		+ts_SetTmpCellInfo (p_CellId)	
3		+ ts_InitMIB_SB1 (p_CellId)	
4		+ts_SendSIB1_LongNeighCellInfo (cb_SIB1_Def(tcv_TmpCellInfo), p_CellId, tsc_Now)	
5		+ts_SendSB1_LongNeighCellInfo(tcv_SB1, p_CellId, tsc_Now)	

1.3 Change 3 :

Test suite constant	ts_SendDefSysInfo_PLMN_RAT and ts_SendDefSysInfo_PLMN
Reason for change	ts_SendDefSysInfo_PLMN_RAT and ts_SendDefSysInfo_PLMN are used to transmit Modified System Information Type1 in the test cases 6.1.1.5, 6.2.1.1, 6.2.1.6, 6.2.1.7, 6.2.1.8 and 6.2.1.9 . These test steps use c_SIB1_Diff for SIB1, which is not as per Default contents SIB1 specified in 34.108.
Summary of change	In ts_SendDefSysInfo_PLMN_RAT at line #9 and ts_SendDefSysInfo_PLMN at line #8 : "c_SIB1_Diff" replaced with " cb_SIB1_Def".
Source of change	New change

Before:

		Search for data	Test Step
Test Step Id:	ts_SendDefSysInfo_PLMN_RAT (p_CellId: INTEGER)		
Test Step Group Ref:	SysInfo/IdleModeSpecific/		
Objective:	To broadcast default system information.		
Defaults:	InitOtherwiseFail		
Comments:			
Nr	Label	Behaviour Description	Constraint Ref
1		+ts_SetTmpCellInfo (p_CellId)	
2		+ts_UTRAN_GERAN_Paralnit(p_CellId)	
3		(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.q_QualMin := -24 , tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.q_QualMin := -24 , tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.q_RxlevMin := -58 , tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.q_RxlevMin := -58)	
4		+ts_CellDependentPara(p_CellId)	
5		+ts_InitializeSIB2AndSIB18(tcv_TmpCellInfo)	
6		+ts_InitializeSIB11_PLMN_RAT (p_CellId)	
7		(tcv_MIB := c_MIB_DefLongNeighCellInfo (tcv_TmpCellInfo) , tcv_SB1 := c_SB1_DefLongNeighCellInfo)	
8		[px_RAT = fdd]	
9		+ts_SendSIB1_LongNeighCellInfo (c_SIB1_Diff (tcv_TmpCellInfo , m60 , s20) , p_CellId , tsc_Now)	
10		+ts_SendSIB2_LongNeighCellInfo(c_SIB2_Def (tcv_TmpCellInfo) , p_CellId , tsc_Now)	

		Test Step	
Test Step Id:	ts_SendDefSysInfo_PLMN (p_CellId: INTEGER)		
Test Step Group Ref:	SysInfo/IdleModeSpecific/		
Objective:	To broadcast default system information.		
Defaults:	InitOtherwiseFail		
Comments:	@SIC_NAPP		
Nr	Label	Behaviour Description	Constraint Ref
1		+ts_SetTmpCellInfo (p_CellId)	
2		+ts_UTRAN_GERAN_Paralnit(p_CellId)	
3		+ts_CellDependentPara(p_CellId)	
4		+ts_InitializeSIB2AndSIB18(tcv_TmpCellInfo)	
5		+ts_InitializeSIB11_12_SIB12_Idle (p_CellId)	
6		(tcv_MIB := c_MIB_DefLongNeighCellInfo (tcv_TmpCellInfo) , tcv_SB1 := c_SB1_DefLongNeighCellInfo)	
7		[px_RAT = fdd]	
8		+ts_SendSIB1_LongNeighCellInfo (c_SIB1_Diff (tcv_TmpCellInfo , m60 , s20) , p_CellId , tsc_Now)	
9		+ts_SendSIB2_LongNeighCellInfo(c_SIB2_Def (tcv_TmpCellInfo) , p_CellId , tsc_Now)	

After:

Test Step			
Test Step Id:	ts_SendDefSysInfo_PLMN_RAT (p_CellId: INTEGER)		
Test Step Group Ref:	SysInfo/IdleModeSpecific/		
Objective:	To broadcast default system information.		
Defaults:	InitOtherwiseFail		
Comments:			
Nr	Label	Behaviour Description	Constraint Ref
1		+ ts_SetTmpCellInfo (p_CellId)	
2		+ ts_UTRAN_GERAN_Paralnit(p_CellId)	
3		(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.q_QualMin := -24 , tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.q_QualMin := -24 , tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.q_RxlevMin := -58 , tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.q_RxlevMin := -58)	
4		+ts_CellDependentPara(p_CellId)	
5		+ts_InitializeSIB2AndSIB18(tcv_TmpCellInfo)	
6		+ts_InitializeSIB11_PLMN_RAT (p_CellId)	
7		(tcv_MIB := c_MIB_DefLongNeighCellInfo (tcv_TmpCellInfo) , tcv_SB1 := c_SB1_DefLongNeighCellInfo)	
8		[px_RAT = fdd]	
9		+ts_SendSIB1_LongNeighCellInfo (cb_SIB1_Def(tcv_TmpCellInfo), p_CellId, tsc_Now)	
10		+ts_SendSIB2_LongNeighCellInfo(c_SIB2_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)	

Test Step			
Test Step Id:	ts_SendDefSysInfo_PLMN (p_CellId: INTEGER)		
Test Step Group Ref:	SysInfo/IdleModeSpecific/		
Objective:	To broadcast default system information.		
Defaults:	InitOtherwiseFail		
Comments:	@SIC_NAPP		
Nr	Label	Behaviour Description	Constraint Ref
1		+ ts_SetTmpCellInfo (p_CellId)	
2		+ ts_UTRAN_GERAN_Paralnit(p_CellId)	
3		+ts_CellDependentPara(p_CellId)	
4		+ts_InitializeSIB2AndSIB18(tcv_TmpCellInfo)	
5		+ts_InitializeSIB11_12_SIB12_Idle (p_CellId)	
6		(tcv_MIB := c_MIB_DefLongNeighCellInfo (tcv_TmpCellInfo) , tcv_SB1 := c_SB1_DefLongNeighCellInfo)	
7		[px_RAT = fdd]	
8		+ts_SendSIB1_LongNeighCellInfo (cb_SIB1_Def(tcv_TmpCellInfo), p_CellId, tsc_Now)	
9		+ts_SendSIB2_LongNeighCellInfo(c_SIB2_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)	

1.4 Change 4 :

Test suite constant	ts_SendDefSysInfo_3PLMN
Reason for change	ts_SendDefSysInfo_3PLMN is used to transmit Modified System Information Type1 in the test case 6.1.1.7. This test step uses c_SIB1_Diff for SIB1, which is not as per Default contents SIB1 specified in 34.108.
Summary of change	In ts_SendDefSysInfo_3PLMN at line #9 : "c_SIB1_Diff" replaced with "cb_SIB1_Def".
Source of change	New change

Before:

8	[px_RAT = fdd]			
9	+ts_SendSIB1_LongNeighCellInfo (c_SIB1_Diff (tcv_TmpCellInfo , m60 , s20), p_CellId, tsc_Now)			
10	+ts_SendSIB2_LongNeighCellInfo(c_SIB2_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)			

After:

8	[px_RAT = fdd]			
9	+ts_SendSIB1_LongNeighCellInfo (cb_SIB1_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)			
10	+ts_SendSIB2_LongNeighCellInfo(c_SIB2_Def (tcv_TmpCellInfo), p_CellId, tsc_Now)			

CHANGE REQUEST

34.123-3 CR 1244 # rev - # Current version: **3.8.0**

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 cases 12.4.3.4.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 10/12/04
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 34.123-1v 5.9.0 Section 12.4.3.4.4, expected sequence, at Step#2 in ATTACH REQUEST message, the Routing Area Identity IE should be checked to be RAI-1. In TTCN implementation Routing Area Identity IE is not checked.
Summary of change:	# Created a new test step <i>ts_MM_RegistrationHandleAttachReqP_TMSI_RAI</i> which checks Routing Area Identity IE in ATTACH REQUEST message and same test step is used in test case at line 20.
Consequences if not approved:	# TTCN implementation will not be according to prose.

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="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:	# NAS_wk49 TTCN is used as reference.				

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 name New test step *ts_MM_RegistrationHandleAttachReqP_TMSI_RAI*

Reason for change Test step performs CS registration and PS attach with RAI check in ATTACH REQUEST message.

(This test step is similar to existing test step *ts_MM_RegistrationHandleAttachReqP_TMSI* with additional changes for

- adding RAI as parameter to test step
- using RAI parameter in ATTACH REQUEST constraint references)

Summary of change New change.

Test Step Id:	<i>ts_MM_RegistrationHandleAttachReqP_TMSI_RAI</i> (<i>p_CellId</i> : INTEGER; <i>p_ptmsi</i> : 00_8; <i>p_rai</i> :RAI_v)
Test Step Group Ref:	GMM_InternalSteps/
Objective:	CS registration with a parallel of subsequent receipt of PS ATTACH REQUEST message containing a P-TMSI mobile Id.
Defaults:	NAS_OtherwiseFail
Comments:	@sic VB ER1595 sic@

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		[<i>tcv_UE_OpMode</i> = <i>opModeA</i>]			UE Op mode A
2		(<i>tcv_GMM_AttachExpect</i> := TRUE, <i>tcv_GMM_AttachRec</i> := FALSE)			Set flags used by NAS default handler in order to 'catch' a GMM ATTACH REQUEST msg
3		+ <i>ts_RRC_ConnEst</i> (<i>p_CellId</i> , <i>est_Reg</i> , <i>registration</i>)			
4		+ <i>ts_RegistrationOnCS</i> (<i>p_CellId</i> , <i>px_TMSI_Def</i>)			
5		+ <i>lt_HandleAttachReqA</i>			
6		[TRUE]			UE Op mode C
7		+ <i>lt_HandleAttachReqC</i>			
<i>lt_HandleAttachReqA</i>					
8		(<i>tcv_GMM_AttachExpect</i> := FALSE)			Disable NAS default handler for ATTACH REQUEST

9		[tcv_GMM_AttachRec = TRUE]			ATTACH REQUEST was received and handled by NAS default handler
10		(tcv_Start := tcv_CellIndInfo.start_PS)			
11	TSP1	[(tcv_TmpAttachReqPDU.attachType.type = (tsc_GMM_AttachTypePS_Only)) AND (tcv_TmpAttachReqPDU.ptmsiORimsi = (c_MobileIdPTMSI_lv (p_ptmsi))) AND (tcv_TmpAttachReqPDU.oldRAI = p_rai) AND (tcv_TmpAttachReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum (tcv_PS_KeySeq)))]		(P)	Check the contents of ATTACH REQUEST @sic VB draft TTCN CR ER1987 sic@
12	TSF	[TRUE]		(F)	received ATTACH REQUEST does not match
13		[NOT pc_AutomaticAttachSwitchON]			ATTACH REQUEST was NOT yet received and the UE does not automatically attach at switch on
14		+ts_RRC_ConnRel (p_CellId , cell_Dch)			RRC connection release
15		START t_WaitS (1)			Wait 1 s to allow UE to relax
16		?TIMEOUT t_WaitS			
17		START t_WaitS (60)			
18		+ts_AT_TriggerGMM_Attach			Trigger UE to initiate GMM Attach after allowing the UE to decode Sys Infos

19		+ts_RRC_ConnEst (p_CellId , est_Reg, registration)			Establish RRC connection
20		Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start) CANCEL t_WaitS	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_GMM_AttachTypePS_Only, c_MobileIdPTMSI_lv (p_ptmsi), p_rai, tcv_PS_KeySeq))		ATTACH REQUEST - Extract Attach type requested
21		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)			
22	ERR1	? TIMEOUT t_WaitS		F	
23		[TRUE]			The UE did not send ATTACH REQUEST but it should since it shall automaticall switch attach at switch on
24		START t_WaitS (5)			
25		Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start) CANCEL t_WaitS	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_GMM_AttachTypePS_Only, c_MobileIdPTMSI_lv (p_ptmsi), p_rai, tcv_PS_KeySeq))		ATTACH REQUEST - Extract Attach type requested @sic VB draft TTCN CR ER1987 sic@
26		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)			
27	ERR2	? TIMEOUT t_WaitS		F	ATTACH REQUEST not received
lt_HandleAttachReqC					
28		[NOT pc_AutomaticAttachSwitchON]			ATTACH REQUEST was NOT yet received and the UE does not automatically attach at

					switch on
29		START t_WaitS (60)			
30		+ts_AT_TriggerGMM_Attach			Trigger UE to initiate GMM Attach after allowing the UE to decode Sys Infos
31		+ts_RRC_ConnEst (p_CellId , est_Reg, registration)			Establish RRC connection
32		Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start) CANCEL t_WaitS	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_GMM_AttachTypePS_Only, c_MobileIdPTMSI_lv (p_ptmsi), p_rai, tcv_PS_KeySeq))		ATTACH REQUEST - Extract Attach type requested @sic VB draft TTCN CR ER1987 sic@
33		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)			
34		? TIMEOUT t_WaitS		F	
35		[TRUE]			The UE did not send ATTACH REQUEST but it should since it shall automaticall switch attach at switch on
36		+ts_RRC_ConnEst (p_CellId , est_Reg, registration)			
37		START t_WaitS (5)			
38		Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start) CANCEL t_WaitS	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_GMM_AttachTypePS_Only, c_MobileIdPTMSI_lv (p_ptmsi), p_rai, tcv_PS_KeySeq))		ATTACH REQUEST - Extract Attach type requested @sic VB draft TTCN CR ER1987 sic@
39		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)			
40	ERR3	? TIMEOUT t_WaitS		F	Now, if this

				<p>event happens, then the UE didn't send an ATTACH REQUEST yet.</p> <p>We give the UE a last chance: We release the connection and wait for the UE to autamtically start a connection and finally send an ATTACH REQUEST</p>
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1.2 Change 2

Test step name *tc_12_4_3_4, line #20*

Reason for change ATTACH REQUEST message should be validated with RAI.

Summary of change Instead of using test step *ts_MM_RegistrationHandleAttachReqP_TMSI*, used test step *ts_MM_RegistrationHandleAttachReqP_TMSI_RAI*.

Before Change :

lt_Attach_Steps_2To4		
20	+ ts_MM_RegistrationHandleAttachReqP_TMSI (tsc_CellA, px_PTMSI_Def)	Step 1a-2. CS registration If UE Operation mode A. Handle the receipt of ATTACH REQ
21	+ts_GMM_AuthenticateAndStartIntegrityProtection (tsc_CellA)	

After Change :

lt_Attach_Steps_2To4		
20	+ ts_MM_RegistrationHandleAttachReqP_TMSI_RAI (tsc_CellA, px_PTMSI_Def, c_RAI_Def_v)	Step 1a-2. CS registration If UE Operation mode A. Handle the receipt of ATTACH REQ
21	+ts_GMM_AuthenticateAndStartIntegrityProtection (tsc_CellA)	

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1245 # rev - # Current version: **3.8.0**

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 3 TC 8.4.1.26 to change the Downlink Power level settings of Cell A at Time Instant 'T1'.

Source: # Anite

Work item code: # N/A

Date: # 06/12/2004

Category: # **F**

Release: # R99

Use one of the following categories:

Use one 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: # **Section 8.4.1.26.4 of 34.123-1** mentions the downlink power to be applied for Cell A at various time instants of the test execution. Column marked "T0" denotes the initial conditions, while columns marked "T1" are to be applied subsequently.

Downlink power to be applied for cell A in columns marked 'T1' (-85db) is well above the threshold set by Measurement Control message and can cause UE to loose Sync with SS.

Any Value less than -70db for Cell A at 'T1' should be able to trigger Event 2d. Hence power level settings for Cell A at 'T1' is changed to -75db to make the test case more reliable.

Please note for this change Prose CR will be presented in T1-26 meeting.

Summary of change: # Line #19 of the test case 8_4_1_26 is modified to decrease the Powerlevel settings of Cell A to -75 db.

Consequences if not approved: # Testcase 8.4.1.26 may fail a conformant UE.

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.

Local Tree and Test step	In It_TestBody of tc_8_4_1_26
Reason for change	<p>Section 8.4.1.26.4 of 34.123-1 mentions the downlink power to be applied for Cell A at various time instants of the test execution. Column marked "T0" denotes the initial conditions, while columns marked "T1" are to be applied subsequently.</p> <p>Downlink power to be applied for cell A in columns marked 'T1' (-85db) is well above the threshold set by Measurement Control message and can cause UE loosing Sync with SS.</p> <p>Any Value less than – 70db for Cell A at 'T1' should be able to trigger Event 2d. Hence power level settings for Cell A at 'T1' is changed to –75db to make the test case more reliable.</p> <p>Please find attached the Draft Prose CR for the same.</p>
Summary of change	Line #19 of the test case 8_4_1_26 is modified to decrease the Powerlevel settings of Cell A to –75 db.
Source of change	new change

Before:

14		(tcv_Tolerance := (5 * 1000) / 10)			
15		START t_WaitMS (5* 1000 + tcv_Tolerance)			Initialize the wait timer to 5 seconds
16	TBF1	? TIMEOUT t_WaitMS		(F)	
17	TBP1	UM ?RLC_UM_DATA_IND	car_MeasurementReportUM (tsc_CellDedicated, tsc_RB1, cr_MeasReportIinterFreq_Event2d_2f(10, e2f))	(P)	Step 5 in prose @sic RASH ER1884 sic@
18		CANCEL t_WaitMS			
19		(tcv_CellInfoA.attenuationLevel := tcv_CellInfoA.powerpCPICH + 85)			Step 5 in prose; Initialise parameters such that power levels at time T1 can be configured.
20		+ts_SetAttenuationLevel (tsc_CellA, tcv_CellInfoA.attenuationLevel)			Changing the power level of cell A as given in Table a t time T1
21		(tcv_Tolerance := (10 * 1000) / 10)			@sic Thomas ER 1637 sic@
22		START t_WaitMS (10* 1000 + tcv_Tolerance)			Initialize the wait timer to 10 seconds; @sic Thomas ER 1637 sic@
23	TBF2	? TIMEOUT t_WaitMS		(F)	

After :

14		(tcv_Tolerance := (5 * 1000) / 10)			
15		START t_WaitMS (5* 1000 + tcv_Tolerance)			Initialize the wait timer to 5 seconds
16	TBF1	? TIMEOUT t_WaitMS		(F)	
17	TBP1	UM ?RLC_UM_DATA_IND	car_MeasurementReportUM (tsc_CellDedicated, tsc_RB1, cr_MeasReportIinterFreq_Event2d_2f(10, e2f))	(P)	Step 5 in prose @sic RASH ER1884 sic@
18		CANCEL t_WaitMS			
19		(tcv_CellInfoA.attenuationLevel := tcv_CellInfoA.powerpCPICH + 75)			Step 5 in prose; Initialise parameters such that power levels at time T1 can be configured.
20		+ts_SetAttenuationLevel (tsc_CellA, tcv_CellInfoA.attenuationLevel)			Changing the power level of cell A as given in Table a t time T1
21		(tcv_Tolerance := (10 * 1000) / 10)			@sic Thomas ER 1637 sic@
22		START t_WaitMS (10* 1000 + tcv_Tolerance)			Initialize the wait timer to 10 seconds; @sic Thomas ER 1637 sic@

CHANGE REQUEST

⌘ **34.123-3** CR 1246 ⌘ rev ⌘ Current version: **3.8.0** ⌘

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 GMM Test cases for removing check of "FOR" field value from ATTACH REQUEST and ROUTING AREA UPDATING REQUEST messages. (Revision to TTCN CR T1s040763)		
Source:	⌘ Anite		
Work item code:	⌘ N/A	Date:	⌘ 13/12/2004
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: ⌘ TS 34.123-1 does not mention explicitly to check for "FOR" field value from ATTACH REQUEST and ROUTING AREA UPDATING REQUEST messages for GMM test cases.

TTCN CR T1s040763 covers all constraints changing 'FOR' bit to '?'. But two constraints **c_GMM_AttachTypePS_Only** and **c_GMM_UpdateTypeRA_Updating** are referred in TTCN **Behaviour Description** column.
These constraints uses wildcard "?" in definition, which should not be used in **Behaviour Description**.

Summary of change: ⌘ Test suite constants **c_GMM_AttachTypePS_Only** and **c_GMM_UpdateTypeRA_Updating** are defined and are used to avoid wildcard "?" in Behaviour Description.

Consequences if not approved: ⌘ TTCN implementation will not be as per the 34.123-1 and GMM test cases may fail incorrectly.

Clauses affected: ⌘ N/A

Other specs affected:	⌘	Y	N	Other core specifications	⌘	
			X			Test specifications
			X			O&M Specifications
			X			

Other comments: ⌘ IWD NAS_wk49 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

TTCN Reference Test Suite Constant Declarations

Reason for change Constants declared for GPRS Attach and RA Updating.

Summary of change Two constants tsc_GMM_AttachTypePS_Only = '001' (GPRS Attach) and tsc_GMM_UpdateTypeRA_Updating = '000' (RA updating) defined.

tsc_GMM_AttachTypePS_Only	BITSTRING	'001'B	GPRS attach
tsc_GMM_UpdateTypeRA_Updating	BITSTRING	'000'B	RA updating

1.2 Change 2

TTCN Reference ts_MM_RegistrationHandleAttachReqIMSI_NoTS

local tree It_HandleAttachReqAm

Reason for change Constant tsc_GMM_AttachTypePS_Only used to check attach type in place of constraint c_GMM_AttachTypePS_Only, to avoid check for 'FOR' bit.

Summary of change At line#11,
 (tcv_TmpAttachReqPDU.attachType = (c_GMM_AttachTypePS_Only)
 Replaced with
 (tcv_TmpAttachReqPDU.attachType.type = (tsc_GMM_AttachTypePS_Only)

Before change:

11	TSP1	[(tcv_TmpAttachReqPDU.attachType = (c_GMM_AttachTypePS_Only) AND (tcv_TmpAttachReqPDU.ptmsiORimsi = (c_MobileIdIMSI_lv) AND (tcv_TmpAttachReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum (tcv_PS_KeySeq))) AND (tcv_TmpAttachReqPDU.tmsiStatus = (c_TMSI_StatusInvalid))]	(P)	Check the contents of / QUEST
12	TSF	[TRUE]	(F)	received ATTACH REQUESTS not match

After change:

11	TSP1	[(tcv_TmpAttachReqPDU.attachType.type = (tsc_GMM_AttachTypePS_Only) AND (tcv_TmpAttachReqPDU.ptmsiORimsi = (c_MobileIdIMSI_lv) AND (tcv_TmpAttachReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum (tcv_PS_KeySeq))) AND (tcv_TmpAttachReqPDU.tmsiStatus = (c_TMSI_StatusInvalid))]	(P)	Check the contents of A QUEST
12	TSF	[TRUE]	(F)	received ATTACH REQUESTS not match

1.3 Change 3**TTCN Reference** ts_MM_RegistrationHandleAttachReqP_TMSI

Local tree It_HandleAttachReqA

Reason for change Constant tsc_GMM_AttachTypePS_Only used to check attach type in place of constraint c_GMM_AttachTypePS_Only, to avoid check for 'FOR' bit.**Summary of change** At line#11,
(tcv_TmpAttachReqPDU.attachType = (c_GMM_AttachTypePS_Only)
Replaced with
(tcv_TmpAttachReqPDU.attachType.type = (tsc_GMM_AttachTypePS_Only)**Before change:**

11	TSP1	[(tcv_TmpAttachReqPDU.attachType = (c_GMM_AttachTypePS_Only) AND (tcv_TmpAttachReqPDU.ptmsiORimsi = (c_MobileIdPTMSI_lv (p_ptmsi))) AND (tcv_TmpAttachReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum (tcv_PS_KeySeq)))]	(P)	Check the contents of / QUEST @sic VB draft TTCN CF sic@
12	TSF	[TRUE]	(F)	received ATTACH REQ s not match

After change:

11	TSP1	[(tcv_TmpAttachReqPDU.attachType.type = (tsc_GMM_AttachTypePS_Only) AND (tcv_TmpAttachReqPDU.ptmsiORimsi = (c_MobileIdPTMSI_lv (p_ptmsi))) AND (tcv_TmpAttachReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum (tcv_PS_KeySeq)))]	(P)	Check the contents of / QUEST @sic VB draft TTCN CR ic@
12	TSF	[TRUE]	(F)	received ATTACH REQ not match

1.4 Change 4

TTCN Reference ts_MM_RegistrationHandleAttachReqP_TMSI

Local tree It_HandleAttachReqA

Reason for change Constant tsc_GMM_AttachTypePS_Only used to check attach type in place of constraint c_GMM_AttachTypePS_Only, to avoid check for 'FOR' bit.

Summary of change At line#11,
 (tcv_TmpAttachReqPDU.attachType = (c_GMM_AttachTypePS_Only)
 Replaced with
 (tcv_TmpAttachReqPDU.attachType.type = (tsc_GMM_AttachTypePS_Only)

Before change:

11	TSP1	[(tcv_TmpAttachReqPDU.attachType = (c_GMM_AttachTypePS_Only)) AND (tcv_TmpAttachReqPDU.ptmsiORimsi = (c_MobileIdIMSI_lv)) AND (tcv_TmpAttachReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum (tcv_PS_KeySeq)))]	(P)	Check the contents of ATTACH REQUEST
12	TSF	[TRUE]	(F)	received ATTACH REQUEST does not match

After change:

11	TSP1	[(tcv_TmpAttachReqPDU.attachType.type = (tsc_GMM_AttachTypePS_Only)) AND (tcv_TmpAttachReqPDU.ptmsiORimsi = (c_MobileIdIMSI_lv)) AND (tcv_TmpAttachReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum (tcv_PS_KeySeq)))]	(P)	Check the contents of ATTACH REQUEST
12	TSF	[TRUE]	(F)	received ATTACH REQUEST does not match

1.5 Change 5

TTCN Reference tc_12_4_1_1a
 Local tree It_HandleRAU_Req

Reason for change Constant tsc_GMM_UpdateTypeRA_Updating used to check attach type in place of constraint c_GMM_UpdateTypeRA_Updating, to avoid check for 'FOR' bit.

Summary of change At line#75
 (tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating))
 replaced with
 (tcv_TmpRAU_ReqPDU.updateType.value=(tsc_GMM_UpdateTypeRA_Updating))

Before change:

75	TBP1	[(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v (tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_SigDef))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]	(P)	Step 23. Check the contents of R OUTING AREA UPDATING REQU EST - Update type = 'RA updating' - RAI corresponding to cell A - P-TMSI-1 signature @sic VB T1s040041 sic@
76	TBF	[TRUE]	(F)	

After change:

75	TBP1	[(tcv_TmpRAU_ReqPDU.updateType.value = (tsc_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v (tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_SigDef))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]	(P)	Step 23. Check the cont UTING AREA UPDATIN T - Update type = 'RA upd - RAI corresponding to c - P-TMSI-1 signature @sic VB T1s040041 sic
76	TBF	[TRUE]	(F)	

1.6 Change 6

- TTCN Reference** tc_12_4_1_4a
Local tree: It_RARej_Steps_8To10 and It_RAUpd_29To30
- Reason for change** Constant tsc_GMM_UpdateTypeRA_Updating used to check attach type in place of constraint c_GMM_UpdateTypeRA_Updating, to avoid check for 'FOR' bit.
- Summary of change** At line#50 and #75
(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating))
replaced with
(tcv_TmpRAU_ReqPDU.updateType.value=(tsc_GMM_UpdateTypeRA_Updating))

Before change:

49		[tcv_GMM_RAU_Rec = TRUE]			ROUTING AREA UPDATING received in default h
50	TBP1	[(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoC.mcc, tcv_CellInfoC.mnc, tcv_CellInfoC.lac, tcv_CellInfoC.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_SigDef))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]		(P)	Step 9 . Check the CONTINUING AREA UPDATING - Update type = 'RA upd - RAI corresponding to - P-TMSI-1 signature
74		[tcv_GMM_RAU_Rec = TRUE]			ROUTING AREA UPDATING received in default h @sic VB Handling par stration and ps routing te sic@
75	TBP1	[(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoD.mcc, tcv_CellInfoD.mnc, tcv_CellInfoD.lac, tcv_CellInfoD.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_SigDef))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]		(P)	Step 29. ROUTING AREA REQUEST - Update type = 'RA upd - RAI corresponding to - P-TMSI-1 signature @sic VB Handling par stration and ps routing te sic@

After change:

49		[tcv_GMM_RAU_Rec = TRUE]			ROUTING AREA UPDATING received in default h
50	TBP1	[(tcv_TmpRAU_ReqPDU.updateType.value = (tsc_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoC.mcc, tcv_CellInfoC.mnc, tcv_CellInfoC.lac, tcv_CellInfoC.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_SigDef))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]		(P)	Step 9 . Check the CONTINUING AREA UPDATING - Update type = 'RA upd - RAI corresponding to - P-TMSI-1 signature

74		[tcv_GMM_RAU_Rec = TRUE]		ROUTING AREA UPDA ST received in default h @sic VB Handling para tration and ps routing ai sic@
75	TBP1	<pre> [(tcv_TmpRAU_ReqPDU.updateType.value = (tsc _GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_Ce llInfoD.mcc, tcv_CellInfoD.mnc, tcv_CellInfoD.lac, tc v_CellInfoD.rac)) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c _PTMSI_S gnature (px_PTMSI_SigDef)) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_ CiphKeySeqNum(tcv_PS_KeySeq))] </pre>	(P)	<p>Step 29. ROUTING ARE NG REQUEST</p> <ul style="list-style-type: none"> - Update type = 'RA upd - RAI corresponding to (- P-TMSI-1 signature <p>@sic VB Handling para tration and ps routing ai sic@</p>

1.7 Change 7

TTCN Reference	tc_12_4_1_4b Local tree : lt_HandleRAU_Req
Reason for change	Constant tsc_GMM_UpdateTypeRA_Updating used to check attach type in place of constraint c_GMM_UpdateTypeRA_Updating, to avoid check for 'FOR' bit.
Summary of change	At line#43 (tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) replaced with (tcv_TmpRAU_ReqPDU.updateType.value=(tsc_GMM_UpdateTypeRA_Updating))

Before change:

43	TBP1	<pre>[(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoC.mcc, tcv_CellInfoC.mnc, tcv_CellInfoC.lac, tcv_CellInfoC.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_SigDef)) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq))) AND (tcv_TmpRAU_ReqPDU.ptmsi = (c_MobileIdPTMSI_Def))]</pre>	(P)	ROUTING AREA UPDATE EST - Update type = 'RA update' - RAI corresponding to - P-TMSI-1 signature - P-TMSI-1
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After change:

43	TBP1	<pre>[(tcv_TmpRAU_ReqPDU.updateType.value = (tsc_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoC.mcc, tcv_CellInfoC.mnc, tcv_CellInfoC.lac, tcv_CellInfoC.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_SigDef)) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq))) AND (tcv_TmpRAU_ReqPDU.ptmsi = (c_MobileIdPTMSI_Def))]</pre>	(P)	ROUTING AREA UPDATE EST - Update type = 'RA update' - RAI corresponding to - P-TMSI-1 signature - P-TMSI-1
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1.8 Change 8

TTCN Reference	tc_12_4_1_4d1 Local tree: It_RARej_Steps_9To10 and It_Attach_Steps_19To23
Reason for change	Constant tsc_GMM_UpdateTypeRA_Updating used to check attach type in place of constraint c_GMM_UpdateTypeRA_Updating, to avoid check for 'FOR' bit.
Summary of change	At line#42 and #49 (tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) replaced with (tcv_TmpRAU_ReqPDU.updateType.value=(tsc_GMM_UpdateTypeRA_Updating))

Before change:

42	TBP1	[(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature(px_PTMSI_Sig2))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]	(P)	Step 9 check the contents of the received ROUTING AREA UPDATING REQUEST
49	TBP2	[(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature(px_PTMSI_Sig2))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]	(P)	check the contents of the received ROUTING AREA UPDATING REQUEST

After change:

42	TBP1	[(tcv_TmpRAU_ReqPDU.updateType.value = (tsc_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature(px_PTMSI_Sig2))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]	(P)	Step 9 check the contents of the received ROUTING AREA UPDATING REQUEST
49	TBP2	[(tcv_TmpRAU_ReqPDU.updateType.value = (tsc_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature(px_PTMSI_Sig2))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]	(P)	check the contents of the received ROUTING AREA UPDATING REQUEST

1.9 Change 9

TTCN Reference	tc_12_4_1_4d2 Local tree: It_RARej_Steps_9To10
Reason for change	Constant tsc_GMM_UpdateTypeRA_Updating used to check attach type in place of constraint c_GMM_UpdateTypeRA_Updating, to avoid check for 'FOR' bit.
Summary of change	At line#39 (tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) replaced with (tcv_TmpRAU_ReqPDU.updateType.value=(tsc_GMM_UpdateTypeRA_Updating))

Before change:

39	TBP1	<pre>[(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_Sig2))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq))]</pre>	(P)	ROUTING AREA UPDATE EST - Update type = 'RA upd' - RAI-2 (cell A) - P-TMSI-2 signature
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After change:

39	TBP1	<pre>[(tcv_TmpRAU_ReqPDU.updateType.value = (tsc_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_Sig2))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq))]</pre>	(P)	ROUTING AREA UPDATE EST - Update type = 'RA upd' - RAI-2 (cell A) - P-TMSI-2 signature
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1.10 Change 10**TTCN Reference** tc_12_9_7b

Local tree: It_HandleRAU_ReqStep10

Reason for change Constant tsc_GMM_UpdateTypeRA_Updating used to check attach type in place of constraint c_GMM_UpdateTypeRA_Updating, to avoid check for 'FOR' bit.**Summary of change** At line#43
(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating))
replaced with
(tcv_TmpRAU_ReqPDU.updateType.value=(tsc_GMM_UpdateTypeRA_Updating
))**Before change:**

43	TBP1	[(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_SigDef))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]	(P)	Step 10. ROUTING REQUEST - Update type = 'RA upd' - RAI corresponding to - P-TMSI-1 signature - P-TMSI-1
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After change:

43	TBP1	[(tcv_TmpRAU_ReqPDU.updateType.value = (tsc_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac))) AND (tcv_TmpRAU_ReqPDU.oldPTMSI_Signature = (c_PTMSI_Signature (px_PTMSI_SigDef))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq)))]	(P)	Step 10. ROUTING REQUEST - Update type = 'RA upd' - RAI corresponding to - P-TMSI-1 signature - P-TMSI-1
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1.11 Change 11

TTCN Reference	tc_12_9_7c Local tree: It_HandleRAU_ReqStep14
Reason for change	Constant tsc_GMM_UpdateTypeRA_Updating used to check attach type in place of constraint c_GMM_UpdateTypeRA_Updating, to avoid check for 'FOR' bit.
Summary of change	At line#50 (tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) replaced with (tcv_TmpRAU_ReqPDU.updateType.value=(tsc_GMM_UpdateTypeRA_Updating))

Before change:

50	TBP1	<pre>[(tcv_TmpRAU_ReqPDU.updateType = (c_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq))) AND (tcv_TmpRAU_ReqPDU.ptmsi = (c_MobileIdPTMSI(px_PTMSI_Def)))]</pre>	(P)	Step 14. ROUTING ADDRESS REQUEST - Update type = 'RA update' - RAI corresponding to c_GMM_UpdateTypeRA_Updating - P-TMSI-1
----	------	---	-----	---

After change:

50	TBP1	<pre>[(tcv_TmpRAU_ReqPDU.updateType.value = (tsc_GMM_UpdateTypeRA_Updating)) AND (tcv_TmpRAU_ReqPDU.oldRAI = (c_RAI_v(tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac))) AND (tcv_TmpRAU_ReqPDU.gprsCiphKeySeqNo = (c_CiphKeySeqNum(tcv_PS_KeySeq))) AND (tcv_TmpRAU_ReqPDU.ptmsi = (c_MobileIdPTMSI(px_PTMSI_Def)))]</pre>	(P)	Step 14. ROUTING ADDRESS REQUEST - Update type = 'RA update' - RAI corresponding to c_GMM_UpdateTypeRA_Updating - P-TMSI-1
----	------	---	-----	---

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1247 # rev - # Current version: **3.8.0**

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 P1 TC 8.4.1.5 (Revision of T1s040739)		
Source:	# Anite		
Work item code:	# N/A	Date:	# 06/12/04
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) At line 28 instead of cr_MeasReportIntraFreqPeriodicAddMeasResultsTwoCells need to use cr_MeasReportIntraFreqPeriodicAddMeasResultsTwoCells_8_4_1_5. In the TTCN CR T1s040739, Anite missed this correction for Step 6 of the expected sequence in the TTCN CR document. This change is required for to pass the test case and was implemented in the MP and log files submitted for approval. 2) At step 8 before receiving the physical channel reconfiguration complete message call for local end configuration test step ts_SS_ReconfDCH_ToFACH is not present in the RRC_wk49 testsuite. 3) At step 14 before receiving the physical channel reconfiguration complete message call for local end configuration test step ts_SS_Reconf_FACH_ToDCH is not present in the RRC_wk49 testsuite.
Summary of change:	#	<ol style="list-style-type: none"> 1) Instead of calling the constraint cr_MeasReportIntraFreqPeriodicAddMeasResultsTwoCells use the constraint cr_MeasReportIntraFreqPeriodicAddMeasResultsTwoCells_8_4_1_5 at line 28. 2) After line 33 added call to test step ts_SS_ReconfDCH_ToFACH. 3) After line 48 added call to test step ts_SS_Reconf_FACH_ToDCH.
Consequences if not approved:	#	Test case will fail a conformant UE.

Clauses affected:	⌘	tc_8_4_1_5								
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>X</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>	Y	N		X		X		X
	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:

Testcase	tc_8_4_1_5, lt_TestBody
Reason for change	At line 28 instead of cr_MeasReportIntraFreqPeriodicAddMeasResultsTwoCells need to use cr_MeasReportIntraFreqPeriodicAddMeasResultsTwoCells_8_4_1_5. In the TTCN CR T1s040739, Anite missed the above correction for Step 6 of the expected sequence in the TTCN CR document. This change is required to pass the test case and was implemented in the MP and log files submitted for approval.
Summary of change	Instead of calling the constraint cr_MeasReportIntraFreqPeriodicAddMeasResultsTwoCells use the constraint cr_MeasReportIntraFreqPeriodicAddMeasResultsTwoCells_8_4_1_5 at line 28.
Source of change	New change

Before :

27	TBF2	? TIMEOUT t_WaitMS		(F)	Timer expires the test case fails
28	TBP2	AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportIntraFreqPeriodicAddMeasResultsTwoCells (5, OMIT, OMIT, tcv_CellInfoA.priScrmCode, tcv_CellInfoB.priScrmCode, OMIT))	(P)	Measurement report received twice in 33 seconds
29		CANCEL t_WaitMS			Cancel the timer

After :

27	TBF2	? TIMEOUT t_WaitMS		(F)	Timer expires the test case fails
28	TBP2	AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportIntraFreqPeriodicAddMeasResultsTwoCells_8_4_1_5 (5, OMIT, OMIT, tcv_CellInfoA.priScrmCode, tcv_CellInfoB.priScrmCode, OMIT))	(P)	Measurement report received twice in 33 seconds
29		CANCEL t_WaitMS			Cancel the timer

1.2 Change 2:

Testcase	tc_8_4_1_5, lt_TestBody
Reason for change	1) At step 8 before receiving the physical channel reconfiguration complete message call for local end configuration test step ts_SS_ReconfDCH_ToFACH is not present in the RRC_wk49 testsuite. 2) At step 14 before receiving the physical channel reconfiguration complete message call for local end configuration test step ts_SS_Reconf_FACH_ToDCH is not present in the RRC_wk49 testsuite.
Summary of change	1) After line 33 added call to test step ts_SS_ReconfDCH_ToFACH. 2) After line 48 added call to test step ts_SS_Reconf_FACH_ToDCH.
Source of change	New change

Before:

32		+ts_RRC_Delay (500)			@sic Thomas T1s04073: @
33		+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA, tcv_RRC_RAB_Type)			Step 8 in prose;
48		+ts_RRC_Delay (500)			@sic Thomas T1s0407: @
49		+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA, tcv_RRC_RAB_Type)			Step 14 in prose;

After:

32		+ts_RRC_Delay (500)			@sic Thomas T1s04073 @
33		+ts_SS_ReconfDCH_ToFACH(tsc_CellA)			
34		+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA, tcv_RRC_RAB_Type)			Step 8 in prose;
49		+ts_RRC_Delay (500)			@sic Thomas T1s04073 @
50		+ts_SS_Reconf_FACH_ToDCH(tsc_CellA)			
51		+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA, tcv_RRC_RAB_Type)			Step 14 in prose;

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CHANGE REQUEST

34.123-3 CR 1248 # rev - # Current version: **3.8.0**

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 to rlc_SizeIndex in the RAB ATS		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 30/11/2004
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 the RAB ATS, a few RAB setup procedures use "rab_InformationSetupList" IE with "rlc_SizeList" IE set to "explicitList : { { rlc_SizeIndex 1 } , { rlc_SizeIndex 2 } }" which is wrong: RB 20 is configured to use TF of 336 bits. Therefore rlc_SizeIndex 2 must only be specified. When both { rlc_SizeIndex 1 } , { rlc_SizeIndex 2 } is used, this will allow RB 20 to use TF of 148 as well. In some other cases RB22 is also incorrectly configured in this way.
Summary of change:	# In the affected constraints use "rlc_SizeList" IE set to "explicitList : { { rlc_SizeIndex 2 } }" instead of "explicitList : { { rlc_SizeIndex 1 } , { rlc_SizeIndex 2 } }"
Consequences if not approved:	# Conformant UE's may fail the affected test cases

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:	# Affected Test cases : 14.2.43.1, 14.2.51.2, 14.2.51.1, 14.2.51a.1, 14.2.51a.2, 14.2.51b.1, 14.2.51b.2, 14.2.53.2, 14.2.56, 14.2.57, 14.2.58.								

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

1.1 **cb_RAB_InfoListAM2_No_Pdcp, c_RAB_InfoListAM_DCH_2_No_Pdcp, c_RAB_InfoListAM_DCH_4_tc_14_2_43_1_tw512, cb_RAB_InfoListAM1_No_Pdcp_sdu4 and cb_RAB_InfoListAM2_PS_No_Pdcp (WA#RAB4515)**

Test step name	cb_RAB_InfoListAM2_No_Pdcp, c_RAB_InfoListAM_DCH_2_No_Pdcp, c_RAB_InfoListAM_DCH_4_tc_14_2_43_1_tw512, cb_RAB_InfoListAM1_No_Pdcp_sdu4 and cb_RAB_InfoListAM2_PS_No_Pdcp
Reason for change	<p>In the RAB ATS, for some the RAB setup procedures the commented constraints used as parameters for the "rab_InformationSetupList" IE with "rlc_SizeList" IE set to "explicitList : { { rlc_SizeIndex 1} , { rlc_SizeIndex 2} }" which is wrong: RB 20 is configured to use TF of 336 bits.</p> <p>Therefore rlc_SizeIndex 2 must only be specified.</p> <p>When both "{ rlc_SizeIndex 1}, { rlc_SizeIndex 2}" is used, this will allow RB 20 to use TF of 148 as well.</p> <p>For some other test cases RB22 is also incorrectly configured in this way.</p>
Summary of change	<p>In constraint "c_RAB_InfoListDCH_PS_64k_No_Pdcp" use "rlc_SizeList" IE set to "explicitList : { { rlc_SizeIndex 2} }" instead of "explicitList : { { rlc_SizeIndex 1} , { rlc_SizeIndex 2} }"</p> <p>Note the pictures below shows the chane for constraints cb_RAB_InfoListAM2_No_Pdcp and c_RAB_InfoListAM_DCH_2_No_Pdcp but the same change is also necessary in c_RAB_InfoListAM_DCH_4_tc_14_2_43_1_tw512 cb_RAB_InfoListAM1_No_Pdcp_sdu4 and cb_RAB_InfoListAM2_PS_No_Pdcp.</p>
Source of change	New change
Label	WA#RAB4515

ASN.1 Type Constraint Declaration	
Constraint Name:	cb_RAB_InfoListAM2_No_Pdcp (p_ReEstTimer: Re_EstablishmentTimer, p_RAB_Id: BITSTRING, p_RAB_Id2: BITSTRING)
Group:	
Type Name:	RAB_InformationSetupList
Derivation Path:	
Encoding Variations:	
Comments:	VW#RAB4515
Constraint Value	
<pre> { rab_Info (rab_Identity gsm_MAP_RAB_Identity: p_RAB_Id, cn_DomainIdentity ps_domain, re_EstablishmentTimer p_ReEstTimer), rb_InformationSetupList ((--RB_InformationSetupList rb_Identity tsc_RB20, pdcp_Info OMIT, rlc_InfoChoice rlc_Info : c_RLC_InfoAM_Def, rb_MappingInfo ((--RB_MappingOption ul_LogicalChannelMappings oneLogicalChannel (ul_TransportChannelType dch: tsc_UL_DCH1, logicalChannelIdentity tsc_UL_DTCH1 --@sic Ts040387 sic@ rlc_SizeList configured NULL, mac_LogicalChannelPriority 8)), dl_LogicalChannelMappingList ((dl_TransportChannelType dch: tsc_DL_DCH1, logicalChannelIdentity tsc_DL_DTCH1 --@sic Ts040387 sic@))), (--RB_MappingInfo ul_LogicalChannelMappings oneLogicalChannel (--UL_LogicalChannelMapping, ul_TransportChannelType rach: NULL, logicalChannelIdentity tsc_UL_DTCH1, rlc_SizeList explicitList: ({ rlc_SizeIndex 2 }), mac_LogicalChannelPriority 8), dl_LogicalChannelMappingList ((dl_TransportChannelType fach: NULL, logicalChannelIdentity tsc_DL_DTCH1))))), rab_Info (rab_Identity gsm_MAP_RAB_Identity: p_RAB_Id2, cn_DomainIdentity ps_domain, re_EstablishmentTimer p_ReEstTimer), rb_InformationSetupList ((--RB_InformationSetupList rb_Identity tsc_RB22, pdcp_Info OMIT, rlc_InfoChoice rlc_Info : c_RLC_InfoAM_Def, rb_MappingInfo ((--RB_MappingOption ul_LogicalChannelMappings oneLogicalChannel: (ul_TransportChannelType dch: tsc_UL_DCH1, logicalChannelIdentity tsc_UL_DTCH2 --@sic Ts040387 sic@ rlc_SizeList configured NULL, mac_LogicalChannelPriority 8)), dl_LogicalChannelMappingList ((dl_TransportChannelType dch: tsc_DL_DCH1, logicalChannelIdentity tsc_DL_DTCH2 --@sic Ts040387 sic@))), (--RB_MappingInfo ul_LogicalChannelMappings oneLogicalChannel (--UL_LogicalChannelMapping, ul_TransportChannelType rach: NULL, logicalChannelIdentity tsc_UL_DTCH2, rlc_SizeList explicitList: ({ rlc_SizeIndex 2 }), mac_LogicalChannelPriority 8), dl_LogicalChannelMappingList ((dl_TransportChannelType fach: NULL, logicalChannelIdentity tsc_DL_DTCH2))))), } } </pre>	
Detailed Comment:	

ASN.1 Type Constraint Declaration	
Constraint Name:	c_RAB_InfoListIAM_DCH_2_No_Pdcp (p_ReEstTimer Re_EstablishmentTimer; p_RAB_Id: BITSTRING)
Group:	
Type Name:	RAB_InformationSetupList
Derivation Path:	
Encoding Variation:	
Comments:	WA#RAB4515
Constraint Value	
<pre> { rab_Info (rab_Identity gsm_MAP_RAB_Identity p_RAB_Id, ch_DomainIdentity ps_domain, re_EstablishmentTimer p_ReEstTimer); rb_InformationSetupList {--RB_InformationSetupList rb_Identity tsc_RE20, pdcp_Info OMIT, rlc_InfoChoice rlc_Info : c_RLC_InfoIAM_Dst_sdu4, rb_MappingInfo {--RB_MappingOption ul_LogicalChannelMappings oneLogicalChannel(ul_TransportChannelType dch: tsc_UL_DCH2, logicalChannelIdentity OMIT, rlc_SizeList configured: NULL, mac_LogicalChannelPriority 0); dl_LogicalChannelMappingList(dl_TransportChannelType dch: tsc_DL_DCH2, logicalChannelIdentity OMIT) } } ul_LogicalChannelMappings oneLogicalChannel(ul_TransportChannelType rch: NULL, logicalChannelIdentity tsc_UL_DTCH1, rlc_SizeList explicitList: { rlc_SizeIndex 2 }, mac_LogicalChannelPriority 0); dl_LogicalChannelMappingList(dl_TransportChannelType fch: NULL, logicalChannelIdentity tsc_DL_DTCH1) } } } </pre>	
Detailed Comment:	

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CHANGE REQUEST	
# 34.123-3 CR 1249 # rev - #	Current version: 3.8.0 #

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 8.3.2.x for Special LI		
Source:	# Anritsu Limited		
Work item code:	# N/A	Date:	# 30/11/04
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:	# Refer to section 1.1
Summary of change:	# Refer to section 1.1
Consequences if not approved:	# Test case 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> <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:	# The change is based on iWD_wk47								

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 Table of Contents

1	Table of Contents	2
1.1	cas_URA_UpdateCnf	3

1.1 cas_URA_UpdateCnf

Test step	cas_URA_UpdateCnf
Reason for change	<p>The URA Update Confirm should be sent out with the Special LI set to TRUE because this message is normally sent as an UM RLC SDU that begins in the beginning of an RLC PDU.</p> <p>With it set to FALSE, some conformant UEs are failing this test.</p>
Summary of change	<pre>{ cellId p_CellId, routingInfo rB_Identity: p_RB_Id, uM_message dL_CCCH_Message : p_PDU, specialLI FALSE<u>TRUE</u> }</pre>
Test case affected	tc_8_3_2_1, tc_8_3_2_2, tc_8_3_2_4, tc_8_3_2_7, tc_8_3_2_11, tc_8_3_2_13

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CHANGE REQUEST

34.123-3 CR 1250 # rev - # Current version: **3.8.0**

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 wk47 ATS.		
Source:	# Anritsu Limited		
Work item code:	# N/A	Date:	# 30/11/04
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 wk47 ATS.
Summary of change:	# This document lists all changes applied to wk47 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;">#</td> <td style="width: 20px; text-align: center;">X</td> </tr> </table> Other core specifications # <input type="checkbox"/> Test specifications # <input type="checkbox"/> O&M Specifications # <input checked="" type="checkbox"/>	Y	N	#	X
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 Table of Contents

1	Table of Contents	3
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2.2	Change 2	4
3	Corrections required for RRC_wk47 test suite	12
3.1	Change 1	12

2 Corrections required for RAB_wk47 test suite

2.1 Change 1

Item	tsc_RB_PCCH2
Reason for change	The RB identity should be consistent with 34.123-3. Also the value of -19 is already used by BCCH2.
Summary of change	Changed from -19 to -4.
Test case affected	14.4.2a.1, 14.4.2a.2, 14.4.2a.3

2.2 Change 2

Test step	ts_RB_SubTest_RB24_FACH
Reason for change	Line 4, tsc_CellDedicated is changed to tsc_CellA to be consistent with ts_RB_SubTest_RB20_FACH
Summary of change	Line 4, tsc_CellDedicated is changed to tsc_CellA
Test case affected	14.4.2a.1, 14.4.2a.2, 14.4.2a.3

Test Step

Id:	ts_RB_SubTest_RB24_FACH (p_Data : BITSTRING; p_TFC_UL,p_TFC_DL : TFC_Subset; p_TestLoopModeSetup : UE_TestLoopModelLB_Setup; p_DataLength : INTEGER)
Group Ref:	RB_Steps/RB_Subtests/
:	SS limits the UE allowed uplink transport format combinations, SS closes the test SS transmit on RB20 an RLC SDU. UE shall send back the same RLC SDU. Refer to steps 11 to 17 of TS 34.123-1 clause 14.1.1
	RRC_Def1
	@SIC_NAPP

Behaviour Description	Constraint Ref	Verdict	Comments
AM ! RLC_AM_DATA_REQ	cas_TransportFormatCombCtrlAM (tsc_CellDedicated, tsc_RB2, cbs_TransportFormatCombCtrl (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, p_TFC_UL))		Step 11
+ ts_TC_CloseUE_TestLoop tsc_CellDedicated,			Steps 12-13

<code>sc_UE_TestLoopModel, _TestLoopModeSetup)</code>			
<code>(tcv_RB_Data1 := _GetMostSignificantBits (_Data , p_DataLength))</code>			
<code>+ts_SS_TFC_Restriction_FACH tsc_CellDedicated, p_TFC_UL, _TFC_DL)</code>			
<code>+ts_SS_TFC_Restriction_FACH tsc_Cella, p_TFC_UL, p_TFC_DL</code>			<code>+ts_SS_TFC_Restrict (tsc_CellDedicated p_TFC_UL, p_TFC_DL</code>
<code>AM ! RLC_AM_TestDataReq START t_Dly</code>	<code>cas_RLC_AM_DataReq (tsc_CellDedicated, tsc_RB24, c_TrD_Data (tcv_RB_Data1))</code>		Step 14
<code>AM ? RLC_AM_TestDataInd CANCEL t_Dly</code>	<code>car_RLC_AM_DataInd (tsc_CellDedicated, tsc_RB24, c_TrD_Data (tcv_RB_Data1))</code>	(P)	Step 15
<code>+ ts_TC_OpenUE_TestLoop tsc_CellDedicated)</code>			Step 16-17
<code>?TIMEOUT t_Dly</code>		(F)	
<code>+ ts_TC_OpenUE_TestLoop tsc_CellDedicated)</code>			Step 16-17

3 Corrections required for NAS_wk47 test suite

3.1 Change 1

Test step	tc_12_2_1_6_1
Reason for change	The TTCN is inconsistent with 34.123-1 v5.9.0. Without this change, it will fail validation.
Summary of change	Line 45, step 8, P-TMSI-2 signature and P-TMSI-2 should be used in the ATTACH ACCEPT
Test case affected	12.2.1.6.1

lt_Steps_7To9			
40	<code>+ts_RRC_ConnEst (tsc_Cella, est_Reg, registration)</code>		
41	<code>Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)</code>	<code>car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_GMM_AttachTypePS_Only, c_MobileIdPTMSI_lv_Def, c_RAI_Def_v, tcv_PS_KeySeq))</code>	Step 7. ATTACH REQUEST - Attac type is 'PS attach' - MobileI P-TMSI-

			- RAI-1 - PTMSI signatu
42	+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)		
43	+ ts_GMM_AuthenticateAndStartIntegrityProtection (tsc_CellA)		
44	Dc ! RRC_DataReq	ea_PS_DataReq(tsc_CellDedicated, tsc_RB3, es_AttachAcc(e_GMM_AttachResultPS_Only, e_RAI_Def_v, e_PTMSI_SignatureDef, e_MobileIdPTMSI_Def, - }))	Step 8. ATTACH ACCEPT - Attac result 'PS attach' - RAI-1 - P-TMSI + signatu - MobileId P-TMSI- - omit TMSI
45	<u>Dc ! RRC_DataReq</u> (<u>tcv_AssignedPTMSI := px_PTMSI_2,</u> <u>tcv_Assigned_PTMSI_Sig := px_PTMSI_Sig2)</u>	<u>ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAcc(c_GMM_AttachResultPS_Only, c_RAI_Def_v, c_PTMSI_Signature (px_PTMSI_Sig2), c_MobileIdPTMSI (px_PTMSI_2), -))</u>	<u>Step 8. ATTACH ACCEPT - Attac result 'PS attach' - RAI-1 - P-TMSI 2 signatu - MobileId P-TMSI- - omit TMSI</u>
46	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)	Step 9. ATTACH COMPLET
47	+ts_RRC_ConnRel (tsc_CellA, cell_Dch)		

3.2 Change 2

Test step	tc_12_4_1_4b
Reason for change	The expected key sequence should not be set in line 33 as this done by mistake by MCC160. This was discussed between Anritsu and MCC160 this was agreed to be done in iWD_wk47. But it has not been done. Without this change, the test case will fail.
Summary of change	Line 33, deleted
Test case affected	12.4.1.4b

lt_RARej_Steps_7To8			
29	+ts_RRC_ConnEst (tsc_CellA, est_Reg, registration)		
30	Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cbr_RA_UpdReq_3 (c_GMM_UpdateTypeRA_Updating, c_RAI_v (tcv_CellInfoC.mcc, tcv_CellInfoC.mnc, tcv_CellInfoC.lac, tcv_CellInfoC.rac), c_PTMSI_SignatureDef, c_TMSI_StatusAny, tcv_PS_KeySeq , c_MobileIdPTMSI_Def))	Step 7 ROUTING AREA UPDATING REQUEST - Update type = 'RA updating' - RAI corresponding to cell C - P-TMSI-1 signature - P-TMSI-1 @sic VB T1-04359 sic@ @siv VB T1s040628 sic@
31	+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)		
32	Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_RA_UpdRej ('0F'0))	Step 8 ROUTING AREA UPDATING REJECT - cause = 'No Suitable Cells in Location Area'
33	(tcv_PS_KeySeq := '111'B)		
34	+ts_RRC_ConnRel(tsc_CellA, cell_Dch)		

3.3 Change 3

Test step	tc_12_4_1_4d1
Reason for change	Line 32 and 33 should be deleted because T1-041926 was withdrawn from T1#25 and the resulting T1s040577 was never submitted.
Summary of change	Line 32 and 33 deleted
Test case affected	12.4.1.4d1

lt_TestBody			
10	+ ts_GMM_SwitchOrPwrOn		@sic VB T1s-04202 sic@

11	+lt_Attach_Steps_3To6		Steps 3 to 6
12	+ lt_ActivateCellB_Step7		Step 7
13	+lt_RARej_Steps_9To10		Steps 8a to 10
14	+ts_AT_TriggerGMM_Attach		Step 11
15	+ts_VerifyNoAccess (30)		Step 12
16	+ ts_GMM_InitVariablesPS		
17	+ts_PS_Paging_PTMSI (tsc_CellB, tcv_RRC_PagingCau)		Step 13
18	+ts_VerifyNoAccess (10)		Step 14
19	+ ts_CC_InitTCV_MT (px_CC_Serv)		
20	+ts_CS_Paging_TMSI (tsc_CellB, tcv_PagingCau)		Step 15
21	+ts_VerifyNoAccess (3)		Steps 16
22	+lt_ActivateCellA		Step 17
23	+lt_Attach_Steps_19To23		
24	+ts_CS_Paging_TMSI (tsc_CellA, tcv_PagingCau)		Step 24
25	+ts_CS_PagingResp (tsc_CellA, tcv_EstCause)		Step 25 to 30
26	+ts_PS_Paging_PTMSI (tsc_CellA, tcv_RRC_PagingCau)		Step 31
27	+ts_PS_PagingResp (tsc_CellA, tcv_RRC_EstCauMT, FALSE)		Steps 32 to 37
28	+ lt_ActivateCellB_Step38		Step 38
29	+ts_VerifyNoAccess (30)		Step 39
30	+ts_PS_Paging_PTMSI (tsc_CellB, tcv_RRC_PagingCau)		Step 40
31	+ts_VerifyNoAccess (10)		Step 41
32	+ts_SS_SwitchCellPowerLevels (tsc_CellA, tsc_CellB)		@sie-VB Tls050577 e-mail discussion with R&Ssie@
33	+ts_GMM_DetachOnSwitchOff(tsc_CellA)		@sie-VB Tls050577 e-mail discussion with R&Ssie@

3.4 Change 4

Test step	tc_12_6_1_3_1
Reason for change	The TTCN is inconsistent with 34.123-1 v5.9.0. Without this change, it will fail validation.
Summary of change	Line 44, step 21, P-TMSI-1 signature and P-TMSI-1 should be used in the ROUTING AREA UPDATE ACCEPT
Test case affected	12.6.1.3.1

lt_RAUpd_Steps_19To22			
39	+ts_RRC_ConnEst (tsc_CellB, est_Reg, registration)		
40	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, c_PTMSI_Signature (px_PTMSI_Sig2), tcv_PS_KeySeq))	Step 19. ROUTING AREA UPDATING REQUEST - Update type = 'RA updating' - RAI-1 - P-TMSI-2 signature - CKSN-1 (as assigned in step 13)
41	+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)		
42	+ ts_RRC_Security (tsc_CellB, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, FALSE, ps_domain)		
43	Dc ! RRC_DataReq	ea_PS_DataReq(tsc_CellDedicated, tsc_RB3, es_RA_UpdAcc(e_GMM_UpdateResultRA_Updated, e_RAI_v (tcv_CellInfoB.mcc, tcv_CellInfoB.mnc, tcv_CellInfoB.lac, tcv_CellInfoB.rac), e_PTMSI_Signature (px_PTMSI_Sig2), e_MobileIdPTMSI (px_PTMSI_2), -))	Step 21. ROUTING AREA UPDATING ACCEPT - Update result = 'RA updated' - default RAI - P-TMSI-1 - P-TMSI-1 signature
44	<u>Dc ! RRC_DataReq (tcv_AssignedPTMSI := px_PTMSI_Def, tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)</u>	<u>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), -))</u>	<u>Step 21. ROUTING AREA UPDATING ACCEPT - Update result = 'RA updated' - default RAI - P-TMSI-1 - P-TMSI-1 signature</u>

45	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cs_RA_UpdComplete)	Step 22. ROUTING AREA UPDATING COMPLETE
46	+ts_RRC_ConnRel (tsc_CellB, cell_Dch)		

3.5 Change 5

Test step	tc_12_6_1_3_3
Reason for change	Line 25 should be deleted because T1-041647 (revised to T1-041926) was withdrawn from T1#25.
Summary of change	Line 25 deleted
Test case affected	12.6.1.3.3

lt_TestBody			
13	(tcv_TestBody := TRUE)	(P)	
14	+ ts_MMI_UE_SwitchOnTriggerGMM_Attach		@sic VB T1s-040202 sic@ @sic VB ER2023 sic@
15	+ts_RRC_ConnEst (tsc_CellA, est_Reg, registration)		
16	+lt_AuthFailure_Steps_3To7		@sic VB ER1562 sic@
17	+lt_Activate_CellB		Step 9
18	+ts_AT_TriggerGMM_Attach		Step 10
19	+lt_AuthFailure_Steps_11To13		
20	+ts_VerifyNoAccess (20)		Step 14
21	+ts_VerifyNoAccess (30)		Step 15
22	+ts_AT_TriggerGMM_Attach		Step 16
23	+ts_VerifyNoAccess (30)		Step 17
24	(tcv_CellInfoB.cellConfig := cell_DCH_StandAloneSRB_NoConn)		@sic VB ER2023 sic@
25	+ts_GMM_SwitchOrPwrOff		@sic VB T1-0401647 sic@

3.6 Change 6

Test step	tc_12_9_14
Reason for change	Line 17 should be deleted because T1-041647 (revised to T1-041926) was withdrawn from T1#25.
Summary of change	Line 17 deleted

Test case affected	12.9.14
---------------------------	---------

lt_TestBody			
12	(tcv_TestBody := TRUE)		
13	+ ts_PS_ActivatePDP_ContextBackgrd (tsc_CellA)		Steps 1 to 4 - ACTIVATE PDP CONTEXT REQ - RB Setup - ACTIVATE PDP CONTEXT ACCEPT
14	+ ts_RRC_ConnRelCau (tsc_CellA, cell_Dch, userInactivity)		
15	+ lt_PagingSteps_6To11		
16	+ ts_NAS_SignallingConnectionRelease (tsc_CellA)		Deactivate PDP Context with cause as Protocol error, unspecified
17	+ts_GMM_SwitchOrPwrOff		@sic_VB_T1-0401647_sic@

3.7 Change 7

Test step	tc_12_9_7c
Reason for change	Line 31 changed to align with the prose. Without this change, the test case will fail validation.
Summary of change	Line 31 changed to according to the expected sequence in the prose.
Test case affected	12.9.7c

lt_Attach_Steps_4To6			
27	+ts_RRC_ConnEst (tsc_CellA, est_Reg, registration)		
28	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 ATTN REQU - At type atta - Mc P-TM - RA - PI sigr @sic ER2C draf CR s
29	+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)		
30	+ts_RRC_Security (tsc_CellA, tcv_PS_AuthCK,		

		tcv_PS_AuthIK, tcv_AuthKeGSM, FALSE, ps_domain)		
31		+ts_GMM_AuthenticateAndStartIntegrityProtection (tsc_CellA)		
32		Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachAcc (c_GMM_AttachResultPS_Only, c_RAI_Def_v, -, -, -))	Step ATTN ACCE - At resu PS c atta - RA defa (RAI [Not new assi UE c not ATTN COME see 24.0 clau 4.7. @sic ER20 draf CR s
33		+ts_RRC_ConnRel (tsc_CellA, cell_Dch)		

4 Corrections required for RRC_wk47 test suite

4.1 Change 1

Test step	tc_8.2.6.11
Reason for change	The C-RNTI value used is different from the value specified in the prose. Without this change it, will fail validation.
Summary of change	Added line 4 to correct the value of the C-RNTI to be consistent with the prose.
Test case affected	8.2.6.11

1		START t_Guard		
2		[px_RAT=fdd]		FDD specific behaviour
3		+ts_RRC_InitVariablesPS (cell_DCH)		
4		(tcv_CellInfoA.cRNTI := '1010101010101010'B)		
5		->pr_GotoState6_9_Or6_10_MO (tsc_CellA)		Go to State 6-10
6	TBS	-(tcv_TestBody := TRUE)		

7		<code>-+lt_LocalTest</code>			
8	TBE	<code>-(tcv_TestBody:=FALSE)</code>			
9		<code>-+ts_C2_CheckCellFACH (tsc_CellA)</code>			
10		<code>+po_ConnectionAndSS_Rel (tsc_CellA)</code>			
11	ERR1	<code>[px_RAT=tdd]</code>	I	TDD specific behaviour	
12	ERR2	<code>[TRUE]</code>			

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1251 # rev - # Current version: **3.8.0**

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 wk47 ATS.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 30/11/04
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 wk47 ATS.
Summary of change:	# This document lists all changes applied to wk47 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	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
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Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
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.

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3.1	Change 1	4

2 Corrections required for IR_U_wk47 test suite

2.1 Change 1

Test step	cs_MeasurementControlModifyInterRATMeas_DCH_NoCmpMode (tc_8_4_1_31)
Reason for change	In constraint cs_MeasurementControlModifyInterRATMeas_DCH_NoCmpMode IE "reportingInterval" should be ril12 as per the Prose.
Summary of change	In the constraint cs_MeasurementControlModifyInterRATMeas_DCH_NoCmpMode the element "reportingInterval" is changed from ril24 to ril12.
Source of change	New change

2.2 Change 2

Test step	It_Activate_CellB_Step6, tc_12_8
Reason for change	+ts_Create_LLE_Entity(tsc_GSM_CellA, tsc_LLEEntity) not required on line 43 as LLE entity has already been created in +ts_GERANCreateCell(tsc_GSM_CellA, bcch, si2quarter, nopsi5) at line 42.
Summary of change	Removed the call +ts_Create_LLE_Entity(tsc_GSM_CellA, tsc_LLEEntity at line #43.
Source of change	New change

Before:

It_Activate_CellB_Step6	
41	+ts_SS_DecrementCellPowerLevel (tsc_CellA, tsc_AttenuationSuitableNeighbourCell - tsc_AttenuationServingCell)
42	+ts_GERANCreateCell(tsc_GSM_CellA, bcch, si2quarter, nopsi5)
43	+ts_Create_LLE_Entity(tsc_GSM_CellA, tsc_LLEEntity)
44	(tcv_GPRS_CipherAlg := px_CipherAlg)

After:

It_Activate_CellB_Step6	
41	+ts_SS_DecrementCellPowerLevel (tsc_CellA, tsc_AttenuationSuitableNeighbourCell - tsc_AttenuationServingCell)
42	+ts_GERANCreateCell(tsc_GSM_CellA, bcch, si2quarter, nopsi5)
43	(tcv_GPRS_CipherAlg := px_CipherAlg)

3 Corrections required for RRC_wk47 test suite

3.1 Change 1

Test step	It_SS_ReconfigMulticallToPS_Only, tc_8_3_2_29
Reason for change	At row 30 and 33, tcv_TmpCellInfo is used for accessing the DL secondary Scrambling code and UL scrambling code. The variable used should be tcv_CellInfoA
Summary of change	At row 30 and 33 replaced tcv_TmpCellInfo with tcv_CellInfoA.

Source of change	New change
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CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1252 rev - Current version: **3.8.0**

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 wait time while checking that UE does not send URA Update.		
Source:	Anite		
Work item code:	N/A	Date:	30/11/04
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:	Currently TTCN waits for 25 secs when verifying that the UE sends URA update, however when verifying that the UE does not send URA Update, TTCN waits for 13 seconds. Timer value should be increased for the second case as well.
Summary of change:	The timer value at line 13 of It_TestBody is increased to 25 seconds
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="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"/>		
Y	N										
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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.

4.1 Change 1

Test Step	tc_8_3_2_11, local test step It_TestBody
Reason for change	Currently TTCN waits for 25 secs when verifying that the UE sends URA update, however when verifying that the UE does not send URA Update, TTCN waits for 13 seconds. Timer value should be increase for the second case as well.
Summary of change	The timer value at line 13 of It_TestBody is increased to 25 seconds
Source of change	New change

Before:

			tcv_RRC_Ti, tcv_CellInfoA.uRNTI, OMIT, OMIT, ura_PCH, OMIT))		
10		+ts_SS_CreateCellFACH (tsc_CellG)			Configure lower tester of CellG @sic OG 10/03/04 T1-040094 sic@
11		+ts_SendDefSysInfo (tsc_CellG)			Sends the default system information in CellG @sic OG 10/03/04 T1-040094 sic@
12		START t_WaitS			
13	TBF3	TM ? RLC_TR_DATA_I ND CANCEL t_WaitMS	car_URA_Update (tsc_CellG, tsc_RB0, cr_108_URA_Update (? , ?, noError:NULL))	(F)	@sic OG 10/03/04 T1-040094 sic@
13	TBP3	? TIMEOUT t_WaitS		(P)	Wait to check no response comes on CellG

After:

			tcv_RRC_Ti, tcv_CellInfoA.uRNTI, OMIT, OMIT, ura_PCH, OMIT))		
10		+ts_SS_CreateCellFACH (tsc_CellG)			Configure lower tester of CellG @sic OG 10/03/04 T1-040094 sic@
11		+ts_SendDefSysInfo (tsc_CellG)			Sends the default system information in CellG @sic OG 10/03/04 T1-040094 sic@
12		START t_WaitS (25)			
13	TBF3	TM ? RLC_TR_DATA_I ND CANCEL t_WaitMS	car_URA_Update (tsc_CellG, tsc_RB0, cr_108_URA_Update (? , ?, noError:NULL))	(F)	@sic OG 10/03/04 T1-040094 sic@
13	TBP3	? TIMEOUT t_WaitS		(P)	Wait to check no response comes on CellG

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1253 # rev - # Current version: **3.8.0**

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 Case 8.3.1.22.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 30/11/04
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) Cell B is turned on and system information is transmitted before the test body at time T0, which is not in line with the test case description in 34.123. 2) In the TTCN Routing Area Update Reject message at step 8 is transmitted on SRB3 and RRC Connection Release at Step 9 is transmitted on SRB1. Due to the difference in priority assigned to these SRB's, UE may sometimes receive Routing Area Update Reject after RRC Connection Release message. A delay of 30ms is required to ensure that UE first receives Routing Area Update Reject message and then RRC Connection Release.
Summary of change:	# 1) Test steps ts_SS_SwitchCellOff (tsc_CellB) is called before end of preamble and ts_SS_SwitchBackCellOn(tsc_CellB) is called in the beginning of the test body. 2) 30 ms delay added after transmission of Routing Area Update Reject by SS.
Consequences if not approved:	# Test case without above 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 #	Y	N	#	X	#	#	#	X
Y	N								
#	X								
#	#								
#	X								
	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 Case 8_3_1_22	tc_8_3_1_22, Preamble and local test step It_TestBody
Reason for change	Cell B is turned on and system information is transmitted before the test body at time T0, which is not in line with the test case description in 34.123.
Summary of change	Test steps ts_SS_SwitchCellOff (tsc_CellB) is called before end of preamble and ts_SS_SwitchBackCellOn(tsc_CellB) is called in the beginning of the test body.
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			Initial Test Case Variables
4		+pr_GotoState6_11_MO (tsc_CellA)			Configure lower tester
5		+ts_SS_CreateCellFACH (tsc_CellB)			Configure lower tester of CellB @sic Jitendra CR#T1-031797 sic@
6		+ts_SendDefSysInfo (tsc_CellB)			Send the default system information in CellB @sic Jitendra CR#T1-031797 sic@
7	TBS	(tcv_TestBody:=TRUE)			
8		+it_TestBody			
9	TBE	(tcv_TestBody:=FALSE)			
10		+po_ConnectionAndSS_Rel (tsc_CellA)			Release the channels that are configured in the SS.
11	ERR1	[px_RAT=tdd]			TDD specific behaviour
12	ERR2	[TRUE]			
It_TestBody					

After:

Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		START t_Guard			
1		[px_RAT=fdd]			FDD specific behaviour
2		+it_InitVariables			Initial Test Case Variables
3		+pr_GotoState6_11_MO (tsc_CellA)			Configure lower tester
4		+ts_SS_CreateCellFACH (tsc_CellB)			
5		+ts_SendDefSysInfo (tsc_CellB)			
6		+ts_SS_SwitchCellOff (tsc_CellB)			
7	TBS	(tcv_TestBody:=TRUE)			
8		+it_TestBody			
9	TBE	(tcv_TestBody:=FALSE)			
10		+po_ConnectionAndSS_Rel (tsc_CellA)			Release the channels configured in the SS.
1	ERR1	[px_RAT=tdd]			TDD specific behaviour
1	ERR2	[TRUE]			
It_TestBody					
0		+ts_SS_SwitchBackCellOn (tsc_CellB)			
1		+ts_SetAttenuationLevel (tsc_CellA, 6)			Set Attenuation for Cell @sic Jitendra CR# T1-1-040315;Attunation is to -66dB from -72dB;

1.2 Change 2

Test Case 8_3_1_22	tc_8_3_1_22, local test step It_TestBody
Reason for change	In the TTCN Routing Area Update Reject message at step 8 is transmitted on SRB3 and RRC Connection Release at Step 9 is transmitted on SRB1. Due to the difference in priority assigned to these SRB's, UE may sometimes receive Routing Area Update Reject after RRC Connection Release message.
Summary of change	30 ms delay added after transmission of Routing Area Update Reject by SS.
Source of change	New change

Before:

19		+ts_RRC_ConnEst (tsc_CellB, est_Reg, registration)		Steps 4 to 6 Establish RRC connection
20		+ts_GMM_RAU_RejectNMO_I (tsc_CellB, c_RAI_v (tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac), tsc_RejCauNoSuitCellsInLA)		Steps 7 - 8 @sic OG 22/04/04 ER1 @sic OG 15/06/04 ER1
21		UM ! RLC_UM_DATA_REQ	cas_RRC_ConnRelDCCH (tsc_CellDedicated, tsc_RB1, cs_108_RRC_ConnRelDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, OMIT))	Step 9

After :

19		+ts_RRC_ConnEst (tsc_CellB, est_Reg, registration)		Steps 4 to 6 Establish RRC connection
20		+ts_GMM_RAU_RejectNMO_I (tsc_CellB, c_RAI_v (tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac), tsc_RejCauNoSuitCellsInLA)		Steps 7 - 8 @sic OG 22/04/04 ER1 @sic OG 15/06/04 ER1
21		+ts_RRC_Delay(30)		To ensure that the Round Trip Time is updated prior to the RRC Connection Release
22		UM ! RLC_UM_DATA_REQ	cas_RRC_ConnRelDCCH (tsc_CellDedicated, tsc_RB1, cs_108_RRC_ConnRelDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, OMIT))	Step 9

CHANGE REQUEST

34.123-3 CR 1254 # rev # Current version: **3.8.0**

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 2 NAS Test case 9.4.2.3		
Source:	# Anite		
Work item code:	# N/A	Date:	# 30/11/2004
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) According to 34.123-1 Sec 9.4.2.3.4 , Expected sequence, at Step#5, the SS should check for the reception of the correct *CKSN, LAI and Mobile Identity*. TTCN implementation does not check for these IEs.
- 2) In the test step *ts_GMM_RAU_Reject*, in *It_GMM_RAU_Reject* local tree the variable *tcv_GMM_RAU_Rec* is checked two times, in line#4 and line#7 respectively. Check at line#7 not needed.
- 3) According to 34.123-1 Sec 9.4.2.3.4 , Expected sequence, at Step#14, the SS should check that no RRC connection request sent by the UE. This is not implemented in TTCN.

Summary of change: #

- 1) In TC_9_4_2_3 , at line #19, instead of using test step *ts_MM_LupRejRAU* , used test step *ts_MM_LupRej2RAU*.
- 2) In the test step *ts_GMM_RAU_Reject*, *It_GMM_RAU_Reject* , removed the check for [*tcv_GMM_RAU_Rec = FALSE*] at line #7.
- 3) In TC_9_4_2_3 , at line #22, new test step *ts_MM_NoCM_Services_RRC_AccFail* is referred, to check RRC connection request for 30s.

Consequences if not approved: # TTCN implementation is not as per the prose.

Clauses affected: # N/A

Other specs affected:		Y	N	Other core specifications	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Test specifications		

O&M Specifications

Other comments: ⌘ IWD NAS_wk47 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

TTCN Reference	TC_9_4_2_3, It_body #line 19
Reason for change	According to 34.123-1 Sec 9.4.2.3.4 , in the expected test sequence, at Step 5, the SS should check for the reception of the correct CKSN, LAI and Mobile Identity
Summary of change	In TC_9_4_2_3 , It_body line #19, instead of using test step ts_MM_LupRejRAU , used test step ts_MM_LupRej2RAU .

Before Change:

18		+ts_MM_StartCellID			Start neighbour cell D
19		+ts_MM_LupRejRAU(tsc_CellB, tsc_RejCauLA_Not, tsc_LUT_Normal)			Steps 2-8 1. @sic EW CR T1-040949 sic@

After Change:

18		+ts_MM_StartCellID			Start neighbour cell D
19		+ts_MM_LupRej2RAU(tsc_CellB, tsc_RejCauLA_Not, c_MobileIdTMSI_lv, tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tsc_LUT_Normal, tcv_CS_KeySeq)			Steps 2-8 TTCN Change

1. 2 Change 2

TTCN Reference **ts_GMM_RAU_Reject, It_GMM_RAU_Reject #line 4,7**

Reason for change In the test step ts_GMM_RAU_Reject the variable tcv_GMM_RAU_Rec is checked two times, in line 4 and in line 7 respectively.

Summary of change Removed the check for [tcv_GMM_RAU_Rec = FALSE] at line #7

Before Change:

It_GMM_RAU_Reject (p_CellId : INTEGER; p_GMM_Cause : RejCau)				
4		[tcv_GMM_RAU_Rec = FALSE]		
5		+ts_SetTmpCellInfo (p_CellId)		
6		(tcv_GMM_RAU_Expect != FALSE)		Disable NAS default handler for RAU REQUEST
7		[tcv_GMM_RAU_Rec = FALSE]		
8		START t_WaitS (5)		Wait 5 s to allow RAU Request to arrive on the same RRC connection

After Change:

It_GMM_RAU_Reject (p_CellId : INTEGER; p_GMM_Cause : RejCau)				
4		[tcv_GMM_RAU_Rec = FALSE]		
5		+ts_SetTmpCellInfo (p_CellId)		
6		(tcv_GMM_RAU_Expect != FALSE)		Disable NAS default handler for RAU REQUEST
7		START t_WaitS (5)		Wait 5 s to allow RAU Request to arrive on the same RRC connection

1.3 Change 3

TTCN Reference	ts_GMM_RAU_Reject, It_GMM_RAU_Reject #line 4,7
Reason for change	According to 34.123-1 Sec 9.4.2.3.4 , in the expected test sequence, at Step 14, the SS should check that no RRC Conn REQ is sent by the UE. This is not implemented in TTCN.
Summary of change	Created a new test step ts_MM_NoCM_Services_RRC_AccFail , where the check RRC connectin request for 30s is implemented.
Source of change	New change.

After:

Test Step					
Test Step Id:	ts_MM_NoCM_Services_RRC_AccFail(p_Delay: INTEGER)				
Test Step Group Ref:	MM_Steps/				
Objective:	To make the UE request CM services				
Defaults:	NAS_OtherwiseFail				
Comments:	To make the UE request CM services which cannot be provided				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ts_AT_InitCallCS			1.
2		+ts_RRC_RandAccFail(p_Delay)			2.

1.4 Change 4

TTCN Reference tc_9_4_2_3, It_body line #22

Reason for change According to 34.123-1 Sec 9.4.2.3.4 , in the expected test sequence, at Step 14, the SS should check that no RRC Conn REQ is sent by the UE. This is not implemented in TTCN.

Summary of change At line#22, Replaced the test step **ts_MM_NoCM_Services** with test step **ts_MM_NoCM_Services_RRC_AccFail**, to check RRC connection request for 30s is implemented.

Source of change New change.

Before Change:

21		+ts_RRC_ConnEst_DCH_MT_T MSI_NoReact(tsc_CellB, terminatingConversationalCall, px_TMSI_Def, 30000)			Steps 11-12: 3. @sic EW T1-040961r2 si c@
22		+ts_MM_NoCM_Services(3000 0)			Steps 13-14 4. @sic EW T1-040961r2 si c@
23		+ts_MM_ChkEcallIMSI(tsc_Cell B)			Steps 15-24 4.

After Change:

21		+ts_RRC_ConnEst_DCH_MT_T MSI_NoReact(tsc_CellB, terminatingConversationalCall, px_TMSI_Def, 30000)			Steps 11-12: 3. @sic EW T1-040961r2 si c@
22		+ts_MM_NoCM_Services_RRC _AccFail(30000)			Steps 13-14 4. @sic EW T1-040961r2 si c@
23		+ts_MM_ChkEcallIMSI(tsc_Cell B)			Steps 15-24 4.

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CHANGE REQUEST

34.123-3 CR 1255 # rev - # Current version: **3.8.0**

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 8.3.1.1 to add a delay before SS reconfigures MAC according to the new C-RNTI or U-RNTI assigned to UE.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 30/11/2004
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:	# Delay is required to ensure that Cell Update Confirm Message reaches UE before SS reconfigures MAC according to the new C-RNTI or U-RNTI assigned to UE.		
Summary of change:	# Added a line At Line #40 of tc_8_3_1_1 to introduce a delay of 30ms to ensure that Cell Update Confirm Message reaches UE before SS reconfigures MAC according to the new C-RNTI or U-RNTI assigned to UE.		
Consequences if not approved:	# Testcases 8.3.1.1 may fail with 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>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	#
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<input checked="" type="checkbox"/>	Test specifications	#				
	<input checked="" type="checkbox"/>	O&M Specifications	#				
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.
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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.

Local Tree and Test step	In It_TestBody of tc_8_3_1_1
Reason for change	Delay is required to ensure that Cell Update Confirm Message reaches UE before SS reconfigures MAC according to the new C-RNTI or U-RNTI assigned to UE
Summary of change	Added a line At Line #40 of tc_8_3_1_1 to introduce a delay of 30ms to ensure that Cell Update Confirm Message reaches UE before SS reconfigures MAC according to the new C-RNTI or U-RNTI assigned to UE.
Source of change	new change

Before:

37	TBP4A	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, cellReselection),15000)			Step 32 CELL UPDATE on cell A @sic Jitendra T1-040314 sic@
38		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			C-RNTI becomes obsolete when UE C re-selection to a new cell and U-RNTI must be used to talk to the UE
39		UM ! RLC_UM_DATA_REQ (tcv_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))		Step 33
40		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			SS reconfiguration @sic OG 18/08/04 T1s040484 sic@
41		START t_WaitS			
42	TBF2	? TIMEOUT t_WaitS		(F)	
43	TBP5	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))	(P)	Step 34 @sic OG 26/05/04 T1-040510 sic@

After :

37	TBP4A	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, cellReselection),15000)			Step 32 CELL UPDATE on cell A @sic Jitendra T1-040314 sic@
38		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			C-RNTI becomes obsolete when UE C re-selection to a new cell and U-RNTI must be used to talk to the UE
39		UM ! RLC_UM_DATA_REQ (tcv_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))		Step 33
40		+ts_RRC_Delay (30)			
41		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			SS reconfiguration @sic OG 18/08/04 T1s040484 sic@
42		START t_WaitS			
43	TBF2	? TIMEOUT t_WaitS		(F)	
44	TBP5	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))	(P)	Step 34 @sic OG 26/05/04 T1-040510 sic@

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CHANGE REQUEST

34.123-3 CR 1256 # rev - # Current version: **3.8.0**

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 wk47 ATS.		
Source:	# Racal Instruments Wireless Solutions, an Aeroflex Company		
Work item code:	# N/A	Date:	# 30/11/04
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 in TTCN as part of Regression on wk47 ATS.		
Summary of change:	# This document lists all changes applied to wk47 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 Test specifications O&M Specifications	#
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Y	<input 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.

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2 Corrections required for ATS NAS_wk47 test suite

2.1 ER 2: tc_12_6_1_3_2

Test case	tc_12_6_1_3_2
Reason for change	In Line 28, c_AuthenticationFailureParameter("**B) is being used. c_AuthenticationFailureParameter is defined as c_AuthenticationFailureParameter (p_AUTS : BITSTRING). "**B is not valid for type BITSTRING (Undefined length).
Summary of change	Change "**B to .
Source of change	New change

3 Corrections required for ATS RRC_wk47 test suite

3.1 ER 1: tc_8_2_3_29

Test case	tc_8_2_3_29
Reason for change	In line 30 1nd 33 tcv_TmpCellInfo is used instead of tcv_CellInfoA. In line 18 tcv_CellInfoA has been updated with new secondary scrambling code for DL DPCH.
Summary of change	Change tcv_TmpCellInfo.dl_DPCH_2ndScrCode to tcv_CellInfoA.dl_DPCH_2ndScrCode in Line 30 and 33.
Source of change	New Change

3.2 ER 2: tc_8_1_3_9 (Unapproved P4)

Test case	tc_8_1_3_9
Reason for change	In Line 42, "**B is being passed in constraint c_AuthenticationFailureParameter. c_AuthenticationFailureParameter is defined as c_AuthenticationFailureParameter (p_AUTS : BITSTRING). "**B is not valid for type BITSTRING (Undefined length).
Summary of change	Change "**B to .
Source of change	New change

3.3 ER 3: tc_8_4_1_24

Test case	tc_8_4_1_24
Constraint Name	cs_MeasurementControllnterFreq_Event2a
Reason for change	According to the prose, at step #4, the Hysteresis for event 2a shall be set to 14.5. In the asn.1 type definition HysteresisInterFreq, it is specified that the value = IE value * 0.5. Hence, this value shall be encoded with 29 in the constraint cs_MeasurementControllnterFreq_Event2a
Summary of change	In cs_MeasurementControllnterFreq_Event2a replace the Hysteresis from 15 to 29
Source of change	New Change

3.4 ER 4: tc_8_4_1_25

Test case	tc_8_4_1_25
Reason for change	In Line 40 assignment <code>tcv_CellInfoA.attenuationLevel := tcv_CellInfoA.powerpCPICH+55</code> is made. <code>tcv_CellInfoA.powerpCPICH</code> is set to -60 making the attenuation level to '-5' which is invalid as the range is 0 to 30. CPICH Power for cell A should be changed to '-55' instead of -60 to meet the prose requirement.
Summary of change	Change Line 38 to <code>(tcv_CellInfoA.powerpCPICH := -55,</code> <code>tcv_CellInfoD.powerpCPICH := -55)</code> Instead of <code>(tcv_CellInfoD.powerpCPICH := -55)</code>
Source of change	New Change

3.5 ER 5: tc_8_3_1_24

Test case	tc_8_3_1_24
Reason for change	Wrong Cell Id used for Cell Update Confirm on CCCH in line 22. <code>tsc_CellC</code> should be used instead of <code>tsc_CellDedicated</code> for RB 0.
Summary of change	Change Line 22 to <code>cas_RRC_CellUpdateCnfCCCH (tsc_CellC, tsc_RB0, cbs_108_CellUpdateCnfCCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_CellInfoA.uRNTI, tcv_RRC_Ti, OMIT, OMIT, cell_PCH, OMIT, OMIT, OMIT, 3))</code> Instead of <code>cas_RRC_CellUpdateCnfCCCH (tsc_CellDedicated, tsc_RB0, cbs_108_CellUpdateCnfCCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_CellInfoA.uRNTI, tcv_RRC_Ti, OMIT, OMIT, cell_PCH, OMIT, OMIT, OMIT, 3))</code>
Source of change	New Change

3.6 ER 6: tc_8_2_4_1a

Test case	tc_8_2_4_1a
Constraint name	c_DCH_336_148_UL_Info_No_TF_4
Reason for change	When reconfiguring SS in line 16, the TFCS in CPHY_TrCH_Config_REQ for UL channel shall be sent with a power level set to OMIT as it is an Rx.
Summary of change	<p>Change c_DCH_336_148_UL_Info_No_TF_4 as follows</p> <pre> { activationTime activationCFN : p_ActTime, ulconnectedTrCHList { { trchid tsc_UL_DCH1, ul_TransportChannelType dch, transportChannelInfo c_DCH_336_TFS}, { trchid tsc_UL_DCH5, ul_TransportChannelType dch, transportChannelInfo c_DCH_148_TFS_UL } }, ulTFCS c_TFCS_No_TF_4_Rx dlconnectedTrCHList OMIT, dlTFCS OMIT } </pre> <p>With the new constraint c_TFCS_No_TF_4_Rx normalTFCS_Signalling: complete: { ctfcSize ctfc4Bit:{ { ctfc4 0, powerOffsetInformation OMIT }, { ctfc4 1, powerOffsetInformation OMIT }, { ctfc4 2, powerOffsetInformation OMIT }, { ctfc4 3, powerOffsetInformation OMIT }, { ctfc4 5, powerOffsetInformation OMIT }, { ctfc4 6, powerOffsetInformation OMIT }, { ctfc4 7, powerOffsetInformation OMIT }, { ctfc4 8, powerOffsetInformation OMIT } } } }</p> <p>Instead of c_DCH_336_148_UL_Info_No_TF_4</p> <pre> { activationTime activationCFN : p_ActTime, ulconnectedTrCHList { { trchid tsc_UL_DCH1, ul_TransportChannelType dch, transportChannelInfo c_DCH_336_TFS}, { trchid tsc_UL_DCH5, ul_TransportChannelType dch, transportChannelInfo c_DCH_148_TFS_UL } }, ulTFCS c_TFCS_No_TF_4 (c_PowerOffsetInfoHigher64k) -- sent to SS dlconnectedTrCHList OMIT, dlTFCS OMIT } </pre>

	}
Source of change	New Change

3.7 ER 7: tc_8_2_4_1a

Test case	tc_8_2_4_1a
Constraint name	cds_TrChReconf64k_PS_TFCS_UL
Reason for change	There is a Telelogic compiler issue when using a derived constraint with expended asn.1 type; it is proposed to replace the expended type by a constraint.
Summary of change	<p>The constraint cds_TrChReconf64k_PS_TFCS_UL should be replaced to make use of a</p> <p>cds_TrChReconf64k_PS_TFCS_UL:</p> <p>REPLACE message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.ul_CommonTransChInfo BY c_UL_CommTrChInfoDCH_PS_64k_TFCS_UL</p> <p>REPLACE message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.ul_AddReconfTransChInfoList BY OMIT,</p> <p>REPLACE message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.dl_CommonTransChInfo BY OMIT,</p> <p>REPLACE message.transportChannelReconfiguration.r3.transportChannelReconfiguration_r3.dl_AddReconfTransChInfoList BY OMIT</p> <p>With a new constraint c_UL_CommTrChInfoDCH_PS_64k_TFCS_UL</p> <pre> { tfc_Subset OMIT, prach_TFCS OMIT, modeSpecificInfo fdd: { ul_TFCS normalTFCS_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 -- @sic OG 12/11/04 T1s040708 sic@ } } } } } </pre> <p>Instead of cds_TrChReconf64k_PS_TFCS_UL:</p>

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 1257 # rev - # Current version: **3.8.0**

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 wk47 ATS		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 30/11/2004
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:	# Errors were identified during the Wk47 ATS regression testing.
Summary of change:	# This document lists all changes required to pass certain test cases that fails during the Wk47 Regression
Consequences if not approved:	# Conformant UE's 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 # <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:	#				

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1 RAB ATS

1.1 ts_SendRB_SetUp_FACH_1SCCPCH_32k (WA#RAB4513)

Test step name	ts_SendRB_SetUp_FACH_1SCCPCH_32k
Reason for change	It is necessary a delay before changing the CRNTI locally, in order to send the RAB setup message properly.
Summary of change	Added a delay of 80ms at row 2 between sending of Radio Bearer Setup message and Configuration on new CRNTI on the SS send.
Source of change	New change
Label	WA#RAB4513

Test Step					
Test Step Id:	ts_SendRB_SetUp_FACH_1SCCPCH_32k (p_CellId: INTEGER; p_RAB_Id: BITSTRING; p_ActTime: ActivationTime)				
Test Step Group Ref:	RB_Steps/RB_Setup				
Objective:					
Defaults:	RRC_Def1				
Comments:					
...	La.	Behaviour Description	Constraint Ref	...	Comments
1		+ ts_SetTmpCellInfo (p_CellId)			
2		+ ts_RRC_Delay (80)			@sic ER2020 sic@
3		AM IRLC_AM_DATA_REQ	cas_RB_SetUpAM (tsc_CellDedicated, tsc_RB2, cbs_108_RB_SetUpFACH_PS (tcv_CellIndInfo dl_IntegrityCheckInfo, tcv_RRC_TI, p_RAB_Id, tcv_TmpCellInfo cRNTI))		@sic T1s040047 sic@
4		+ ts_RRC_Delay (80)			WA#RAB4513
5		+ ts_CMAC_newCRNTI_Reconf (FALSE, p_CellId, tcv_TmpCellInfo uRNTI, tcv_TmpCellInfo cRNTI)			after the RAB setup message SS reconfiguration to use the new CRNTI.
6	TSP	+ ts_RRC_ReceiveRB_SetupCmpl (p_CellId , cell_FACH_PS)			@sic ER 1573 sic@ @sic ER 1916 sic@

2 NAS ATS

2.1 cbr_ActSecPDP_ContextRequest_MO (WA#NAS4670 and WA#NAS4671)

Test step name	cbr_ActSecPDP_ContextRequest_MO
Reason for change	<ol style="list-style-type: none"> 1. TTCN error: for "requestedQoS" IE is used the MT constraint. The MO should be used instead. 2. According to coding conventions in 34.123-3v330 Sec.E.3.7, '*' is permitted but discouraged for structured type elements whose type is structured. As this may result in ambiguous behaviour between TTCN implementations because the semantics are not specified in TR 101 666 [27].
Summary of change	<ol style="list-style-type: none"> 1. Used cr_QoS_InteractiveOrBackgroundMO_Iv(instead of cs_QoS_InteractiveOrBackgroundMT_Iv. 2. Used c_TrafficFlowTemplate_tlv_Any instead fo c_TrafficFlowTemplate_tlv_Any of *
Source of change	New change
Label	WA#NAS4670 and WA#NAS4671

PDU Constraint Declaration			
Constraint Name:	cbr_ActSecPDP_ContextRequest_MO(p_DlyClass, p_trafficClass: B3)		
Group:			
PDU Name:	ACTIVATESECONDARYPDPCONTEXTREQUEST_ul		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	Activate Secondary PDP Context Request ue -> n 24.008 clause 9.5.4		
Field Name	Element Value	Type Encoding	Comments
ti	cr_TI_Any		@sic T1s-040695 sic@
sM_ProtoColDiscriminator	tsc_SMPD		
msgType	'01001101'B		
requestedNSAPI	cr_NSAPI_v		@sic T1s-040695 sic@
requestedLLC_SAPII	cr_LLC_SAPI_v		@sic T1s-040695 sic@
requestedQoS	cr_QoS_InteractiveOrBackgroundMO_1x6_BdyClass (p_trafficClass)		WA#NAS4670
linkedTI	cr_LinkedTI_1x_Any		@sic T1s-040695 sic@
tt	c_TrafficFlowTemplate_1x_Any		WA#NAS4671

2.2 cbs_108_RB_SetUp64k_PS (WA#NAS4670)

Test step name cbs_108_RB_SetUp64k_PS

Reason for change As proposed in T1s040719, logical channels identities in the RAB mapping information for RB22 were included in c_RAB_InfoSetupDCH_PS_64k_22, but it is also necessary to include the analogous ones for RB20 when setting up this RAB.

Summary of change Included logical channels identities in the RAB mapping information for RB20.

Source of change New change

Label WA#NAS4672

ASN.1 PDU Constraint Declaration	
Constraint Name:	cbs_108_RB_SetUp64k_PS (p_integrityInfo : IntegrityCheckInfo; p_RRC_TI : RRC_TransactionIdentifier; p_ActivTime : ActivationTime; p_RAB_Id : BITSTRING; p_PrimaryScramblingCode : PrimaryScramblingCode; p_UL_ScramblingCode : UL_ScramblingCode)
Group:	
PDU Name:	DL_DCH_Message
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	Defined in TS 34.108 clause 9. WA#NAS4672
Constraint Value	
<pre> integrityCheckInfo p_integrityInfo, messageRadioBearerSetup r3 : { radioBearerSetup_r3 { rrcTransactionIdentifier p_RRC_TI, integrityProtectionModelInfo OMIT, cipheringModelInfo OMIT, activationTime p_ActivTime, new_U_RNTI OMIT, new_C_RNTI OMIT, rrcStateIndicator sel_DLCH, ultran_DRX_CycleLengthCoeff OMIT, cr_InformationInfo OMIT, srb_InformationSetupList OMIT, rab_InformationSetupList (cd_RAB_InfoSetupDCH_PS_64k_LogChId (TypeT315, p_RAB_Id, r_LLC_InfoAM_Der)), rb_InformationAffectedList OMIT, ulCommonTransChInfo c_UL_CommonTransChInfoDCH_PS_64k, ul_deleteTransChInfoList OMIT, ul_AddReconfTransChInfoList c_UL_AddReconfTransChInfoListDCH_PS_64k, modeSpecificTransChInfoList { cprch_SelID OMIT, addReconfTransChDRAC_Info OMIT }, dlCommonTransChInfo c_DL_CommonTransChInfoDCH (c_TFCB_Cmpl0_1_2_3_4_5_6_7_8_9_Rx), dl_deleteTransChInfoList OMIT, dl_AddReconfTransChInfoList (c_DL_AddReconfTransChInfoListDCH_PS_64k) } </pre>	

2.3 tc_12_9_13: It_TestBody (WA#NAS4673)

Test step name	tc_12_9_13: It_TestBody
Reason for change	Necessary to release the RRC connection previous the "Detach on switch off" procedure.
Summary of change	Added line with "ts_RRC_ConnRel" before the GMM detachment procedure.
Source of change	New change
Label	WA#NAS4673

Test Case			
Test Case Id:	tc_12_9_13		
Test Group Reference:	OMM/ServiceRequest_procedures		
Purpose:	To verify that the UE initiates a Service request procedure due to uplink data transmission with two PDP contexts with different traffic classes are activated. To verify that the radio access bearers can be re-established with a single radio bearer establishment procedure for the preserved PDP contexts, when initiated by the UE.		
Configuration:			
Defaults:	NAS_OtherwiseFail		
Comments:	@SIC_NAPP Initial conditions - BS : One cell operating in default conditions (network operation mode I) - UE : The UE has a valid P-TMSI, P_TMSI signature, RA and GPRS ciphering key sequence number		
...	Behaviour Description	Constraint Ref	Comments
1U	+p0_ConnectionAndSS_hets		Release HMC connection
It_TestBody			
11	(!ty_TestBody := TRUE)		[P]
12	+ts_PS_ActivatePDP_ContextBackgrd (ts_CellA)		Steps 1 to 4 - ACTIVATE PDP CONTEXT REQ - RB Setup - ACTIVATE PDP CONTEXT ACCEPT
13	(!ty_RAB_Id := INT_TO_BIT(BIT_TO_INT(!ty_RecdINSAP),8))		
14	+ !t_SecondPDP_ContextSteps_5To8		
15	+ ts_RRC_ConnRelCau (ts_CellA, cell_Dch, userInactivity)		Step 9
16	+ !t_ServReq		
17	+ ts_NAS_SignalingConnectionRelease (ts_CellA)		Deactivate PDP Context with cause as Protocol error, unspecified
18	+ ts_RRC_ConnRel (ts_CellA, cell_Dch)		WA#NAS4673
19	+ ts_OWIM_DetachOnSwitchOff (ts_CellA)		@sic VB T1-0401647 sic:@
!t_SecondPDP_ContextSteps_5To8			
20	+ts_AT_SecondaryPDP_Context		Step 5 ? VB new cid in AT command ?

3 RRC ATS

3.1 tc_8_2_3_29 (WA#RRC4580)

Test step name	Tc_8_2_3_29 : It_SS_ReconfigMulticallToPS_Only
Reason for change	Wrong secondary scrambling code was assigned in the local configuration.
Summary of change	used tcv_CellInfoA.dl_DPCH_2ndScrCode in ts_SS_2DCH_Modify line 33. Also changed tcv_CellInfoA.ul_ScramblingCode to be consistent.
Source of change	New change
Label	WA#RRC4580

It_SS_ReconfigMulticallToPS_Only			
29	[tcv_CellInfoA.cellConfig = cell_Two_DTCH_CS_PS]		
30	+ts_SS_2DCH_Modify(tsc_CellA, cd_DCH_336_148_UL_Info_DCH2 (tcv_ActTime) , cd_DCH_336_148_DL_Info_DCH2 (tcv_ActTime) , cd_TrChInfoUL_336_148_DCH2, cd_TrChInfoDL_336_148_DCH2, cd_TrLogMappingUL_4DCCH_1DTCH_PS_DCH2, cd_TrLogMappingDL_4DCCH_1DTCH_PS_DCH2,tcv_ActTime, cb_DL_DPCH_64K_PS (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SF_P_64k_PS),tcv_TmpCellInfo.dl_DPCH_2ndScrCode) , cb_UL_DPCH_Info (tsc_UL_DPCH_SF_64k_PS, pi0_96, tcv_TmpCellInfo.ul_ScramblingCode))		SS reconfiguration of MAC & PHY layers for PS RAB only
31	+ts_SetCellCfg (tsc_CellA, cell_DCH_64kPS_RAB_SRB)		
32	[tcv_CellInfoA.cellConfig = cell_Four_DTCH_CS_PS]		
33	+ts_SS_2DCH_Modify(tsc_CellA, cd_DCH_336_148_UL_Info_DCH4 (tcv_ActTime) , cd_DCH_336_148_DL_Info_DCH4 (tcv_ActTime) , cd_TrChInfoUL_336_148_DCH4, cd_TrChInfoDL_336_148_DCH4, cd_TrLogMappingUL_4DCCH_1DTCH_PS_DCH4, cd_TrLogMappingDL_4DCCH_1DTCH_PS_DCH4,tcv_ActTime, cb_DL_DPCH_64K_PS (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SF_P_64k_PS),tcv_CellInfoA.dl_DPCH_2ndScrCode) , cb_UL_DPCH_Info (tsc_UL_DPCH_SF_64k_PS, pi0_96, tcv_CellInfoA.ul_ScramblingCode))		SS reconfiguration of MAC & PHY layers for PS RAB only WA#RRC4580
34	+ts_SetCellCfg (tsc_CellA, cell_DCH_64kPS_RAB_SRB)		

3.2 tc_8_4_1_24 (WA#RRC4591)

Test step name	Tc_8_4_1_24: It_TestBody
Reason for change	Added 200msec delay to make sure that the Measurement control message is sent before the power level changes are applied.
Summary of change	Added +ts_RRC_Delay(200) after line 17 measurement control message and line 26 measurement control message.
Source of change	New change
Label	WA#RRC4591

16	+ts_PhyChannelReconfig_NoTFCI (dl_FrameTypeB)		step 2 & 3
17	AM IRLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlInterFreq_Event2a (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, 2, tcv_CellInfoD.frequencyInfo, tcv_CellInfoD.priScrnCode))	Step 4 in prose;
18	+ts_RRC_Delay(200)		WA#RRC44591
19	(tcv_CellInfoD.attenuationLevel := tcv_CellInfoD.powerCPICH + 60)		Step 5 in prose; Initialise parameters such that power levels at time T1 can be configured.
20	+ts_SetAttenuationLevel (tsc_CellD, tcv_CellInfoD.attenuationLevel)		Changing the power level of cell ID as given in Table at time T1
21	START_t_WaitMS (10*1000)		Initialize thewait timer to 10 seconds
22	TBF1 AM ?RLC_AM_DATA_IND	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cr_MeasReportInterFreq_Event2a(*, *, *))	(F) Step 6 in prose; If reprot comes in this interval it fails
23	TBP1 ? TIMEOUT_t_WaitMS		(P)
24	(tcv_CellInfoD.attenuationLevel := tcv_CellInfoD.powerCPICH + 75)		Step 7 in prose; Initialise parameters such that power levels at time T2 can be configured.
25	+ts_SetAttenuationLevel (tsc_CellD, tcv_CellInfoD.attenuationLevel)		Changing the power level of cell ID as given in Table at time T2
26	AM IRLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlModifyInterFreq_Event2a (tcv_CellIndInfo.dl_integrityCheckInfo, tcv_RRC_Ti, 2))	Step 8 in prose;
27	+ts_RRC_Delay(200)		WA#RRC44591
28	(tcv_CellInfoD.attenuationLevel := tcv_CellInfoD.powerCPICH + 55, tcv_CellInfoA.attenuationLevel := tcv_CellInfoA.powerCPICH + 70)		Step 9 in prose; Initialise parameters such that power levels at time T3 can be configured.

3.3 tc_8_4_1_24 (WA#RRC4592)

Test step name Tc_8_4_1_24: It_TestBody

Reason for change With the current implementation the test case could cause intermediate failures as the measurement report message arrives a few milli seconds later after the timeout value. According to the prose the measurement report must come at least 5 seconds later after changing power setting of Cell. Therefore the lower bound timer should be checked and not the upper bound timer.

Summary of change Assigned start timer to START t_WaitMS (5* 1000 - tcv_Tolerance).

Assigned pass verdict for the timeout.

Increased the indentation for the measurement report and the rest of the sequence

removed CANCEL t_WaitMS

Source of change New change

Label WA#RRC4592

22		+ts_SetAttenuationLevel (tsc_CellD, tcv_CellInfoD.attenuationLevel)		Changing the power level of cell D as given in Table at time T5
23		+ts_SetAttenuationLevel (tsc_CellA, tcv_CellInfoA.attenuationLevel)		Changing the power level of cell A as given in Table at time T5
24		(tcv_Tolerance = (5 * 1000) / 10)		
25		START t_WaitMS (5 * 1000 - tcv_Tolerance)		Initialize the wait timer to 5 seconds WA#RRC4592
26	TBF3	? TIMEOUT t_WaitMS	(P)	WA#RRC4592
27	TBP3	AM ?RRC_AM_DATA_IND	(P)	Step 13 in prose WA#RRC4592
				car_MeasurementReport (tsc_CellD dedicated, tsc_RB2, cr_MeasReportInterFreq_Event2a (2, tcv_CellInfoD.frequencyInfo, tcv_CellInfoD.priScrmCode))

3.4 tc_8_4_1_25 (WA#RRC4593)

Test step name Tc_8_4_1_25: It_TestBody

Reason for change With the current implementation the test case causes intermediate failures as the measurement report message arrives a few milli seconds later after the timeout value. According to the prose activation of compressed mode and reception of this measurement report message should be at least 5 seconds. Therefore the lower bound timer should be checked and not the upper bound timer.

Summary of change Assigned start timer to START t_WaitMS (5* 1000 - tcv_Tolerance).

Assigned pass verdict for the timeout.

Increased the indentation for the measurement report and the rest of the sequence

removed CANCEL t_WaitMS

Source of change New change

Label WA#RRC4593

It_TestBody				
0	TBS	(tcv_TestBody := TRUE)		
1		AM I RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlInterFreq_Event2b_2e(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, 4, tcv_CellInfoD.frequencyInfo, tcv_CellInfoD.priScrmCode))	Step 1 in prose;
2		+ts_PhyChannelReconfig_NoTFCI (dl_FrameTypeA)		
3		(tcv_Tolerance := (5 * 1000) / 10)		
4		START t_WaitMS (5 * 1000 - tcv_Tolerance)		Initialize the wait timer to 5 seconds WA#RRC4593
5	TBF1	? TIMEOUT t_WaitMS		(P) WA#RRC4593
6	TBF1	UM ? RLC_UM_DATA_IND	car_MeasurementReportUM (tsc_CellDedicated, tsc_RB1, cr_MeasReportInterFreq_Event2e(4, e2e, tcv_CellInfoD.frequencyInfo, tcv_CellInfoD.priScrmCode))	(P) Step 4 in prose @sic RASH ER1884 sic@ WA#RRC4593

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3 CR 1258 # rev - #	Current version: 3.8.0 #

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 IR_U wk47 ATS.		
Source:	# Racal instruments Wireless Solutions, An Aeroflex Company		
Work item code:	# N/A	Date:	# 27/11/04
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 wk47 ATS.
Summary of change:	# This document lists all changes applied to wk47 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;">#</td> <td style="width: 20px; text-align: center;">X</td> </tr> </table> Other core specifications # <input type="checkbox"/>	Y	N	#	X
Y	N				
#	X				
	<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;">#</td> </tr> <tr> <td style="width: 20px; text-align: center;">#</td> <td style="width: 20px; text-align: center;">X</td> </tr> </table> Test specifications # <input type="checkbox"/>	Y	#	#	X
Y	#				
#	X				
	<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> </table> O&M Specifications # <input type="checkbox"/>	#	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.

1 Table of Contents

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2 Corrections required for ATS IR_U_wk47 test suite

2.1 ER_IR_U_1: Rest Octets

Affected Objects	c_SI4_RO_Spare, c_SI3_RO_SI2quarter, c_SI3_RO_Spare, c_SI6_RO_Spare – This in turn affect almost all ISHO test cases
Reason for Change	<p>Low and High rule not applied properly. '1'B is used for HIGH and '0'B is used for LOW, which is not as per the LOW HIGH RULE 3 (34.123-3 clause 6.10.2.9.3). This results in rest octets getting messed up and values are not set as intended in the prose.</p> <p>Though this error is across all rest octets following for the places where it has got more impact (due to the execution path – pc_CS, pc_PS set to TRUE and pc_GPRS set to FALSE and 2quarter being sent)</p>
Summary of Change	The values are set as per LOW HIGH RULE 3 in order to achieve the setting specified in the prose. See the snapshot for the changes (individual parameters) in the constraint. The snapshot shot's are after the change and the changes are highlighted in Red boxes.
Change Source	

c_SI4_RO_Spare

Structured Type Constraint Decla

Constraint Name:	c_SI4_RO_Spare
Group:	
Type Name:	SI4RO
Derivation Path:	
Encoding Variation:	
Comments:	all bits are set to spare, 3GPP TS 51.010 clause 26.6.14

Element Name	Element Value	Type Enc...	
cellSelectMask	'0'B		no optional Cel
cbq	OMIT		not present
cellReselectOffset	OMIT		not present
temporaryOffset	OMIT		not present
penaltyTime	OMIT		not present
powerOffsetMask	'0'B		no optional pow
powerOffset	OMIT		not present
raColourMask	'1'B		no GPRS indica
rA_Colour	OMIT		not present
si13Position	OMIT		not present
breakMask	'0'B		break
breakIndicator	'0'B		SI4 Rest Octets
IsaParamMask	OMIT		not present
pRIO_THR	OMIT		not present
ISA_OFFSET	OMIT		not present
mccMask	OMIT		not present
mCC	OMIT		not present
nMC	OMIT		not present
cellIDMask	OMIT		not present
cellIdentity	OMIT		not present
IsaMask	OMIT		not present
si4RO_LSA_ID_Info	OMIT		not present
cBQ3Mask	OMIT		not present
cBQ3	OMIT		not present if br
si13altMask	OMIT		not present if br
si13altPosition	OMIT		not present if br

c_SI3_RO_SI2quarter

Structured Type Constraint Declaration			
Constraint Name:	c_SI3_RO_SI2quarter(p_SI2quarter: B1)		
Group:			
Type Name:	SI3RO		
Derivation Path:			
Encoding Variation:			
Comments:	Indicates SI2quarter sent on BCCH Norm		
Element Name	Element Value	Type Enc...	Com
cellSelectMask	'0'B		Cell select parameter mask
cbq	OMIT		not present if cellSelectMask = 0, Cell bar qualify
cellReselectOffset	OMIT		not present if cellSelectMask = 0
temporaryOffset	OMIT		not present if cellSelectMask = 0
penaltyTime	OMIT		not present if cellSelectMask = 0
powerOffsetMask	'0'B		Power offset mask
powerOffset	OMIT		not present if powerOffsetMask = 0
si2terIndicator	'1'		no SI 2ter
earlyClassMarkSendingControl	'0'B		
mask3	'1'B		mask bit for scheduling info
schedulingWhere	OMIT		not present if mask3 = 0
mask4	'0'B		mask bit for GPRS indicator
rA_Colour	OMIT		not present if mask4 = 0
si13Position	OMIT		not present if mask4 = 0
earlyClassMarksendingRestriction3 G	'1'B		
mask5	p_SI2quarter		mask bit for SI2quarterPosition
si2quarterPosition	'0'B		not present if mask5 = L
SI13altPosition	OMIT		only present if lu supported in cell

c_SI3_RO_Spare

Structured Type Constraint Declaration			
Constraint Name:	c_SI3_RO_Spare		
Group:			
Type Name:	SI3RO		
Derivation Path:			
Encoding Variation:			
Comments:	all bits are spare, 3GPP TS 51.010 clause 26.6.14.		
Element Name	Element Value	Type Enc...	Comme
cellSelectMask	'0'B		Cell select parameter mask
cbq	OMIT		not present if cellSelectMask = 0, Cell bar qualify
cellReselectOffset	OMIT		not present if cellSelectMask = 0
temporaryOffset	OMIT		not present if cellSelectMask = 0
penaltyTime	OMIT		not present if cellSelectMask = 0
powerOffsetMask	'0'B		Power offset mask
powerOffset	OMIT		not present if powerOffsetMask = 0
sl2terIndicator	'1'B		no SI 2ter
earlyClassMarkSendingControl	'0'B		no ECMS
mask3	'1'B		mask bit for scheduling info
schedulingWhere	OMIT		not present if mask3 = 0
mask4	'0'B		mask bit for GPRS indicator
rA_Colour	OMIT		not present if mask4 = 0
sl13Position	OMIT		not present if mask4 = 0
earlyClassMarksendingRestriction3 G	'1'B		
mask5	'1'B		mask bit for SI2quaterPosition
sl2quaterPosition	OMIT		not present if mask5 = 0
SI13altPosition	OMIT		only present if lu supported in cell

c_SI6_RO_Spare

Structured Type Constraint Declaration			
Constraint Name:	c_SI6_RO_Spare(p_Band : B1)		
Group:			
Type Name:	SI6RO		
Derivation Path:			
Encoding Variation:			
Comments:			
Element Name	Element Value	Type...	Comme
pchNchMask	'0'B		PCH, NCH info mask
pagingChRestructuring	-		not present if pchNchMask = 0
nLN_SACCH	-		not present if pchNchMask = 0
prioMask	-		not present if pchNchMask = 0
callPriority	-		not present if pchNchMask = 0 or prioMask = 0
nLN_Status	-		not present if pchNchMask = 0
inbandMask	'0'B		
inbandNotifications	-		not present if inbandMask = 0
inbandPagings	-		not present if inbandMask = 0
dTM_Supported	'1'B		
rAC	-		
mAX_LAPDm	-		
bandIndicator	p_Band		L = 1800 band supported, H = 1900 band supported

2.2 ER_IR_U_1: tc_8_3_7_7

Affected Objects	tc_8_3_7_7
Reason for Change	Timer t_waits is not cancelled after receiving the Handover Failure message as a result it expires during execution and test case fails
Summary of Change	Cancelled timer after receiving Handover Failure message
Change Source	

It_SubTest				
35		AM ! RLC_HandoverReq START t_WaitS(5)	cabs_RLC_HandoverReq(tsc_CellDedicated, tsc_RB2, cs_G_HandoverFromUTRAN_CommandGSM (o_HO_PER_Encoding(cbs_InterSystemHandoverToGSM (tcv_CellIndInfo. dl_IntegrityCheckInfo, cb_HandoverFromUTRANCommand_GSM (tcv_RRC_Ti , c_RAB_Info, tcv_FreqBand))) , o_TTCN_HO_CommandToBitstring (tcv_GSM_HO_Cmd)))	:
36		G_L2 ?G_L2_ACCESS_IND	cabr_G_L2_ACCESS_IND(tsc_GSM_Cella ,tsc_G_Trchld1 ,9,15,?,?)	:
37		G_L2 ?G_L2_ACCESS_IND	cabr_G_L2_ACCESS_IND(tsc_GSM_Cella ,tsc_G_Trchld1 ,9,15,?,?)	:
38		+ts_GSM_SetCellPowerLevel2Ch(tsc_GSM_Cella, tsc_PhyCh0 , tsc_G_Trchld1, tsc_ChPwrLv_Off)		:
39	LOOP1	? TIMEOUT t_WaitS		(F) :
40	TBP1	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_InterSystemHandoverFailure (tsc_CellDedicated, tsc_RB2, cbr_InterSystemHandoverFailure (tcv_RRC_Ti , physicalChannelFailure : NULL))	(P) :
41		G_L2 ?G_L2_ACCESS_IND	cabr_G_L2_ACCESS_IND(tsc_GSM_Cella ,tsc_G_Trchld1 ,9,15,?,?)	:
42		->LOOP1		:

CHANGE REQUEST

№ **34.123-3 CR 1259** № rev - № Current version: **3.8.0** №

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 1 test case 8.3.4.3.		
Source:	№ Anite Telecoms		
Work item code:	№ N/A	Date:	№ 26/11/2004
Category:	№ F	Release:	№ R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	R96	2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R97	(Release 1996)
	B (addition of feature),	R98	(Release 1997)
	C (functional modification of feature)	R99	(Release 1998)
	D (editorial modification)	Rel-4	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-5	(Release 4)
		Rel-6	(Release 5)
			(Release 6)

Reason for change:	№ At Line #37 of test case tc_8_3_4_3 , SS calls test step ts_SHO_ConfigureAdditionalDL_DPCH to configure additional radio link for cell A. But radio link is already configured for cell A and is not released anywhere in the test case. Hence configuring additional radio link for cell A should not be done at step 8 (line #37) of the test case.
Summary of change:	№ Modified Local tree It_TestBody of test case tc_8_3_4_3 to delete call to test step ts_SHO_ConfigureAdditionalDL_DPCH at Line #37 to configure additional radio link for cell A.
Consequences if not approved:	№ Test case may fail a 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>	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:

Local tree and test step

It_TestBody of tc_8_3_4_3

Reason for change

At **Line #37** of test case **tc_8_3_4_3**, SS calls test step **ts_SHO_ConfigureAdditionalDL_DPCH** to configure additional radio link for cell A. But radio link is already configured for cell A and is not released anywhere in the test case. Hence configuring additional radio link for cell A should not be done at step 8 (**line #37**) of the test case.

Summary of change

Modified Local tree **It_TestBody** of test case **tc_8_3_4_3** to delete call to test step **ts_SHO_ConfigureAdditionalDL_DPCH** at **Line #37** to configure additional radio link for cell A.

Source of change

New Change

TTCN before change:

35	TBP4	AM?RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoAM ((P) tsc_CellDedicated, tsc_RB2, cr_108_UE_CapabilityInfoAM (?,?,*))	Step 6. UE CAPABILITY INFORMATION To confirm that the UE communication with Cell C
36		Q AM ! RLC_AM_DATA_RE	cas_UE_CapabilityInfoCnfAM (tsc_CellDedicated, tsc_RB2, cs_108_UE_CapabilityInfoCnfAM (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))	Step 7. UE CAPABILITY INFORMATION CONFIRM.
37		+ts_SHO_ConfigureAdditionalDL_DPCH (tsc_CellA)		Step 8; Configure Cell A Radio link
38		+ts_SHO_ReleaseDL_DPCH (tsc_CellC)		Set cell C to "Off" [FFS: We need still to set to "Off" all physical channels associated to cell C]
39		+It_RecvUeCap		

TTCN after change:

34	TBF4	? TIMEOUT t_WaitMS		(F)	Wait for 13 secs
35	TBP4	AM?RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoAM ((P) tsc_CellDedicated, tsc_RB2, cr_108_UE_CapabilityInfoAM (?,?,*))		Step 6. UE CAPABILITY INFORMATION To confirm that the UE communication with Cell C
36		Q AM ! RLC_AM_DATA_RE	cas_UE_CapabilityInfoCnfAM (tsc_CellDedicated, tsc_RB2, cs_108_UE_CapabilityInfoCnfAM (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))		Step 7. UE CAPABILITY INFORMATION CONFIRM.
37		+ts_SHO_ReleaseDL_DPCH (tsc_CellC)			Set cell C to "Off" [FFS: We need still to set to "Off" all physical channels associated to cell C]
38		+It_RecvUeCap			

CHANGE REQUEST

34.123-3 CR 1260 # rev # Current version: **3.8.0**

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 cases 12.2.1.6 proc1, 12.2.1.6 proc2 and 12.9.8	
Source:	#	Anite	
Work item code:	#	N/A	Date: # 26/11/2004
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:	#	According to TS 34.123-1 the expected sequence for test cases 12.2.1.6 Test procedure 1, 12.2.1.6 test procedure 2 and 12.9.8 - In the initial condition UE should have valid PTMSI and RAI, also UE should have a USIM with Access class barred. In TTCN implementation for test cases tc_12_2_1_6_1, tc_12_2_1_6_2 and tc_12_9_8 preamble <i>ts_IdleUpdated</i> is followed by MMI command to insert USIM with access class x barred. MMI command to insert USIM with access class x barred should be placed before calling <i>ts_IdleUpdated</i> as after the Idle Update USIM with access class x barred cannot be inserted in the UE.	
Summary of change:	#	1) In TTCN implementation of tc_12_2_1_6_1, line#10 and #11 test steps used for MMI command to insert USIM with access class x barred moved before line#6 i.e. <i>ts_IdleUpdated</i> 2) In TTCN implementation of tc_12_2_1_6_2, line#10 and #11 test steps used for MMI command to insert USIM with access class x barred moved before line#6 i.e. <i>ts_IdleUpdated</i> 3) In TTCN implementation of tc_12_9_8, line#11 and #12 test steps used for MMI command to insert USIM with access class x barred moved before line#7 i.e. <i>ts_IdleUpdated</i> .	
Consequences if not approved:	#	Test case may fail with conformant UE due to ambiguity in order of MMI command to insert test case specific USIM.	

Clauses affected:	⌘	N/A										
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>X</td></tr><tr><td></td><td>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_wk47 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

1.1 Change 1

TTCN Reference tc_12_2_1_6_1

Reason for change According to TS 34.123-1 the expected sequence for test cases 12.2.1.6 Test procedure 1 - In the initial condition UE should have valid PTMSI and RAI, also UE should have a USIM with Access class barred.

In TTCN implementation for test cases tc_12_2_1_6_1, preamble ts_IdleUpdated is followed by MMI command to insert USIM with access class x barred.

MMI command to insert USIM with access class x barred should be placed before calling ts_IdleUpdated as after the Idle Update USIM with access class x barred cannot be inserted in the UE.

Summary of change line#10 and #11 test steps used for MMI command to insert USIM with access class x barred moved before line#6 ts_IdleUpdated

Before Change:

5		+ts_GMM_Config_CellA		Configure cell A and cell B
6		+ts_IdleUpdated(tsc_CellA)		Turn on UE and assign a valid PTMSI-1, P-TMSI-1 signature and
7		(tcv_CellInfoA.attFlag := tsc_AttOff, tcv_CellInfoA.t3212 := tsc_T3212_0)		
8		+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)		Modify SIB1 to set ATT flag to enable CS registration at turn on, CR T1-030101, Jan-03)
9		+ts_GMM_DetachOnSwitchOff(tsc_CellA)		Turn off and detach
10		(tcv_Tmpl := HEX_TO_INT(tsc_AccessClassX))		@sic VB T1s-040565 sic@
11		+ts_MMI_InsertUSIMAccessClassX(tsc_AccessClassX)		Step 1. Request operator appropriate Test USIM. @sic VB T1s-040565 sic@
12		+It_TestBody		

After Change:

5		+ts_GMM_Config_CellA		Configure cell A and cell B
6		(tcv_Tmpl := HEX_TO_INT(tsc_AccessClassX))		@sic VB T1s-040565 sic@
7		+ts_MMI_InsertUSIMAccessClassX(tsc_AccessClassX)		Step 1. Request operator appropriate Test USIM. @sic VB T1s-040565 sic@
8		+ts_IdleUpdated(tsc_CellA)		Turn on UE and assign a valid PTMSI-1, P-TMSI-1 signature and
9		(tcv_CellInfoA.attFlag := tsc_AttOff, tcv_CellInfoA.t3212 := tsc_T3212_0)		
10		+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)		Modify SIB1 to set ATT flag to enable CS registration at turn on, CR T1-030101, Jan-03)
11		+ts_GMM_DetachOnSwitchOff(tsc_CellA)		Turn off and detach
12		+It_TestBody		

1.2 Change 2

TTCN Reference tc_12_2_1_6_2

Reason for change According to TS 34.123-1 the expected sequence for test cases 12.2.1.6 Test procedure 2 - In the initial condition UE should have valid PTMSI and RAI, also UE should have a USIM with Access class barred.

In TTCN implementation for test cases tc_12_2_1_6_2, preamble ts_IdleUpdated is followed by MMI command to insert USIM with access class x barred.

Summary of change MMI command to insert USIM with access class x barred should be placed before calling ts_IdleUpdated as after the Idle Update USIM with access class x barred cannot be inserted in the UE.
line#10 and #11 test steps used for MMI command to insert USIM with access class x barred moved before line#6 ts_IdleUpdated

Before Change:

5		+ts_GMM_Config_CellA_CellB		Step 6
6		+ts_IdleUpdated(tsc_CellA)		Turn on UE and assign a valid P-TMSI-1 signature and
7		(tcv_CellInfoA.attFlag := tsc_AttOff, tcv_CellInfoA.t3212 := tsc_T3212_0)		
8		+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)		Modify SIB1 to set ATT flag for CS registration at turn on, CR T1-030101, Jan-03)
9		+ts_GMM_DetachOnSwitchOff(tsc_CellA)		Turn off and detach
10		(tcv_Tmpl := HEX_TO_INT (tsc_AccessClassX))		Generate 'random' access class barred @sic VB T1s-040565 sic@
11		+ts_MMI_InsertUSIMAccessClassX (tsc_AccessClassX)		Step 1. Request operator to provide Test USIM. @sic VB T1s-040565 sic@
12		+It_TestBody		

After Change:

5		+ts_GMM_Config_CellA_CellB		Step 6
6		(tcv_Tmpl := HEX_TO_INT (tsc_AccessClassX))		Generate 'random' access class barred @sic VB T1s-040565 sic@
7		+ts_MMI_InsertUSIMAccessClassX (tsc_AccessClassX)		Step 1. Request operator to provide Test USIM. @sic VB T1s-040565 sic@
8		+ts_IdleUpdated(tsc_CellA)		Turn on UE and assign a valid P-TMSI-1 signature and
9		(tcv_CellInfoA.attFlag := tsc_AttOff, tcv_CellInfoA.t3212 := tsc_T3212_0)		
10		+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)		Modify SIB1 to set ATT flag for CS registration at turn on, CR T1-030101, Jan-03)
11		+ts_GMM_DetachOnSwitchOff(tsc_CellA)		Turn off and detach
12		+It_TestBody		

1.3 Change 3

TTCN Reference tc_12_9_8

Reason for change According to TS 34.123-1 the expected sequence for test cases 12.9.8 - In the initial condition UE should have valid PTMSI and RAI, also UE should have a USIM with Access class barred.

In TTCN implementation for test cases tc_12_9_8, preamble ts_IdleUpdated is followed by MMI command to insert USIM with access class x barred.

MMI command to insert USIM with access class x barred should be placed before calling ts_IdleUpdated as after the Idle Update USIM with access class x barred cannot be inserted in the UE.

Summary of change line#11 and #12 test steps used for MMI command to insert USIM with access class x barred moved before line#7 i.e. ts_IdleUpdated

Before Change:

6		+ts_SendDefSysInfo(tsc_CellA)		
7		+ts_IdleUpdated(tsc_CellA)		
8		(tcv_CellInfoA.attFlag := tsc_AttOff, tcv_CellInfoA.t3212 := tsc_T3212_0)		
9		+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)		Modify SIB1 to set ATT flag 1
10		+ts_GMM_DetachOnSwitchOff(tsc_CellA)		Turn off and detach
11		(tcv_Tmpl := (HEX_TO_INT (tsc_AccessClassX)))		Generate 'random' access class barred @sic VB T1s-040565 sic@ @sic VB T1s-040565 sic@
12		+ts_MMI_InsertUSIMAccessClassX(tsc_AccessClassX)		
13		+!t_TestBody		

After Change:

6		+ts_SendDefSysInfo(tsc_CellA)		
7		(tcv_Tmpl := (HEX_TO_INT (tsc_AccessClassX)))		Generate 'random' access class barred @sic VB T1s-040565 sic@ @sic VB T1s-040565 sic@
8		+ts_MMI_InsertUSIMAccessClassX(tsc_AccessClassX)		
9		+ts_IdleUpdated(tsc_CellA)		
10		(tcv_CellInfoA.attFlag := tsc_AttOff, tcv_CellInfoA.t3212 := tsc_T3212_0)		
11		+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)		Modify SIB1 to set ATT flag
12		+ts_GMM_DetachOnSwitchOff(tsc_CellA)		Turn off and detach
13		+!t_TestBody		