

Source: T1
Title: CR's to TS 34.123-3 v.3.4.0, v.3.5.1 and v.3.5.2, TTCN category F
for approval
Agenda item: 5.1.3
Document for: Approval

This document contains the CR's to TS 34.123-3 v.3.4.0, v.3.5.1 and v.3.5.2, TTCN category F. These CRs have been agreed by T1 and are put forward to TSG T for approval.

doc #	title	cat	version in	version out	CR #
T1s040077	Corrections to RRC Package 1 TC 8.1.2.9 to modify timers and RRC Setup Request Constraints	F	3.4.0	3.6.0	357
T1s040079	Corrections to Package 1 test case tc_8_1_1_1	F	3.4.0	3.6.0	358
T1s040163	Correction to RRC Package 1 TC 8.2.1.8 and 8.2.1.9 for the mismatch between Radio Bearer setup and PDP context Activation Request message (Revision of T1s040071).	F	3.4.0	3.6.0	355
T1s040164	Modification to ATT flag usage in TC 12.3.1.5. (Re-submission of T1-031923 on v3.4.0)	F	3.4.0	3.6.0	356
T1s040185	General correction to approved GCF P1 (Cell FACH) MAC test cases	F	3.4.0	3.6.0	354
T1s040188	Error correction lists to iWD-wk04 and iWD-wk07	F	3.4.0	3.6.0	352
T1s040189	TTCN corrections to Generic Setup Procedures	F	3.4.0	3.6.0	353
T1s040219	Correction to RRC Package 2 TC 8.2.2.7 for radio bearer messages with specified IEs and correction of default PS RAB and SRBs RLC configurations in RRC ATS. (Revision of T1s040165).	F	3.4.0	3.6.0	349
T1s040220	Correction to NAS Package 1 TC 12.5 for selecting UE operation mode C only when mode A not supported and validating RRC connection establishment cause	F	3.4.0	3.6.0	350
T1s040221	Correction to RRC Package 1 TC 8.1.2.1 modification to UE system specific capabilities (Revision of T1s040078).	F	3.4.0	3.6.0	351

T1s040224	Correction to Approved RRC Package 1 TC 8.3.4.1	F	3.5.0	3.6.0	348
T1s040235	Correction to Approved RRC Package 1 TC 8.3.4.2 and 8.3.4.3	F	3.5.0	3.6.0	347
T1s040251	Correction to GFC P3 RAB test cases 14.2.26 and 14.2.27	F	3.5.1	3.6.0	346
T1s040272	Correction to GFC P1 RAB test case 14.2.4	F	3.5.1	3.6.0	345
T1s040273	Correction to Package 2 MM TC 9.4.9 to handle situation when pc_PS is TRUE also.	F	3.5.2	3.6.0	344
T1s040274	Regression error corrections to wk12 and wk15.	F	3.5.1	3.6.0	343
T1s040277	Changes to the test step ts_CC_InitTCV_MO	F	3.5.1	3.6.0	341
T1s040278	Correction to Package 1 GMM test case 12.3.1.2 for P-TMSI signature check at Step 12.	F	3.5.1	3.6.0	342
T1s040279	Correction to Approved RRC Package 1 TC 8.4.1.1	F	3.5.0	3.6.0	340
T1s040282	Correction to package 2 TC 9.1 to handle PS attach and detach.	F	3.5.2	3.6.0	339
T1S040284	Correction to Approved Package 1 TC 11.1.1.1	F	3.5.0	3.6.0	338
T1s040287	Correction to Package 1 SM TC 11.1.1.1, 11.3.1 and 11.3.2 to harmonize the timer handling and to account for T1-040514, T1s040243 and T1s040244 concerning RAB release and detaching.	F	3.5.1	3.6.0	337
T1s040288	Correction to Package 3 NAS CC test case 10.1.2.7.3 for assigning FAIL verdict on receiving unexpected RELEASE message.	F	3.5.1	3.6.0	333
T1s040289	Correction to Package 2 GMM test case 12.2.1.3 for supporting USIM removal without power off	F	3.5.2	3.6.0	322
T1s040291	Correction to RRC TC 8.2.2.10 on contents of radio bearer reconfiguration message.	F	3.5.1	3.6.0	334
T1s040292	Correction to RRC Package 2 TC 8.4.1.16 and 8.4.1.17 for contents of SIB 11 and Measurement reporting Interval.	F	3.5.1	3.6.0	335
T1s040293	Correction to common test step "ts_SS_2_FACH_1_RACH_ModifyDCH_Cfg" of RRC ATS to release unused RLC entity, related to test cases 8.4.1.18 and 8.4.1.19	F	3.5.1	3.6.0	336
T1s040297	Correction to Package 3 NAS CC test cases 10_1_2_5_5, 10_1_2_6_2 and 10_1_2_7_2 to validate the current TI value.	F	3.5.1	3.6.0	323
T1s040298	Correction to Package 3 NAS CC test cases 10.1.2.6.6; introducing PIXIT parameter for UE Call waiting support.	F	3.5.1	3.6.0	324
T1s040299	Correction to Package 1 SM test case 11.1.1.1 in handling Modify PDP Context procedure.	F	3.5.1	3.6.0	325

T1s040300	Correction to Radio Bearer setup message for Package 1 RAB test case 14.2.13.1 and package 2 RAB test case 14.2.15.	F	3.5.1	3.6.0	326
T1s040301	Correction to Package 3 RAB test case 14.2.14.1 Radio Bearer setup in the SS.	F	3.5.1	3.6.0	327
T1s040302	Correction to RRC TC 8.2.2.18 and 8.2.2.17 on contents of radio bearer reconfiguration message and comments in test steps of TC 8.2.2.18.	F	3.5.1	3.6.0	328
T1s040303	Correction to RRC Package 2 TC 8.3.1.3 to delete the Radio Bearer BCCH mapped to FACH(RB_BCCH_FACH) in the old cell before configuring in the new cell.	F	3.5.1	3.6.0	329
T1s040304	Correction to Package 3 NAS MM test case 9.4.2.2.2 to disable cell C ATT flag	F	3.5.1	3.6.0	330
T1s040305	Correction to Package 2 NAS MM test case 9.4.9; introducing postamble to remove PLMN2 from USIM forbidden PLMN list.	F	3.5.2	3.6.0	331
T1s040306	Modification to RLC 7.2.3.33 TTCN to meet Test Procedure 'f' in Prose 34.123-1-571.	F	3.5.1	3.6.0	332
T1s040320	Quality of Service (QoS) initialisation when setting up a PS call	F	3.5.1	3.6.0	317
T1s040321	Correction to RRC Package 1 TC 8.1.1.2 and 8.1.1.3 to add delay before switching to CELL_PCH or URA_PCH	F	3.5.1	3.6.0	321
T1s040322	Correction to RRC Package 2 TC 8.3.1.4 to stop the timer t_WaitS after receiving expected UTRAN MOBILITY INFORMATION CONFIRM message from UE.	F	3.5.1	3.6.0	318
T1s040323	Corrections to RRC package 1 and 2 test cases from sections 8.1.x, 8.2.x and 8.3.x to add a delay before SS reconfigures MAC according to the new C-RNTI or U-RNTI assigned to UE.	F	3.5.1	3.6.0	319
T1s040324	Correction to RRC TC 8.3.1.3 on the contents of CELL UPDATE CONFIRM message	F	3.5.1	3.6.0	320

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CHANGE REQUEST

⌘ **TS 34.123-3 CR 357** ⌘ rev - ⌘ Current version: **3.4.0** ⌘

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 8.1.2.9 to modify timers and RRC Setup Request Constraints

Source: ⌘ Anite Telecoms

Work item code: ⌘ N/A

Date: ⌘ 17/02/2004

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 34.123-1 defines that in SYSTEM INFORMATION TYPE 1, T300 is set to 2000 milliseconds after the system info modification but in the TTCN, T300 is set to 4000.
2. TS 34.123-1 defines the contents of RRC CONNECTION REQUEST in step 2 & Step 3c for K=0 to use the default constraint for the Protocol error indicator (= FALSE), since it is not expected. In the TTCN there is no check for Protocol error indicator.
3. In the TTCN there is an unnecessary timer of 45000ms started after the paging type 1 message to UE which will expire if user takes more than 45000ms for initiating a connection.
4. TS 34.123-1 defines for the contents of RRC CONNECTION REQUEST in step 2 & Step 3c for K>0 with no check of the Protocol error indicator. However, in the TTCN there is a check for Protocol error indicator (= FALSE).

Summary of change: ⌘

1. Defined a new ASN.1 Type constraint declaration cb_SIB1_DiffT300 with T300 set as 2000 and In the source code Line #16 is modified by replacing cb_SIB1_Def(T300 = 4000ms) with cb_SIB1_DiffT300 while sending SIB1(ts_SendSIB1).
2. Line #20 of the test case is modified by replacing cdr_RRC_ConnReqUE_IdNoProtErrCheck with cdr_RRC_ConnReqUE_Id to include a check for Protocol error indicator in message RRC CONNECTION REQUEST.
3. Line #15 is modified removing the START t_WaitMS(45000) which is unnecessary.
4. Line #36 and Line #40 of the test case are modified by replacing cdr_RRC_ConnReqUE_Id with cdr_RRC_ConnReqUE_IdNoProtErrCheck

		to OMIT a check for Protocol error indicator in message RRC CONNECTION REQUEST.									
Consequences if not approved:	⌘	TTCN is not conformant with TS 34.123-1 and may pass a non compliant UE									
Clauses affected:	⌘										
Other specs affected:	⌘	<table border="1"> <thead> <tr> <th>Y</th> <th>N</th> </tr> </thead> <tbody> <tr> <td></td> <td>X</td> </tr> <tr> <td></td> <td>X</td> </tr> <tr> <td></td> <td>X</td> </tr> </tbody> </table>	Y	N		X		X		X	Other core specifications ⌘ Test specifications O&M Specifications
		Y	N								
			X								
	X										
	X										
Other comments:	⌘										

How to create CRs using this form:

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

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

Local Tree and Test step	In Local tree It_TestBody of tc_8_1_2_9.
Reason for change	1. TS 34.123-1 defines for SYSTEM INFORMATION TYPE 1 T300 set to 2000 milliseconds after the system info modification. In the TTCN T300 is set to 4000.
Summary of change	1. Defined a new ASN.1 Type constraint declaration cb_SIB1_DiffT300 with T300 set as 2000. 2. In the source code Line #16 is modified by replacing cb_SIB1_Def(T300 = 4000ms) with cb_SIB1_DiffT300(T300 =2000ms) while sending SIB1(ts_SendSIB1).
Source of change	new change

Before:

It_TestBody				
13		+ts_CMAC_Pag1_Cfg (tsc_CellA		
14		+ts_RRC_Delay (tsc_WaitBeforePaging)		
15		TMRRC_TR_DATA_REQ	cas_PagingType1 (tsc_CellA, tsc_RB_PCCCH, cs_RRC_PagingType1_NotifyMode ((ts_MIB.mib_ValueTag) MOD 8 + 1), tsc_SFN_15)	step 0 The UE is paged by using an arbitrarily chosen SFN No. to get an initial SFN value. Then, a timer is started for approx. one SFN frame cycle (4095 ms -> 41 s + 10 %), by taking the value of 45 s to have an defined SFN value in the same range for the next event.
16		+ts_SendSIB1(cb_SIB1_Def(tsc_CellInfoA), tsc_CellA, tsc_Now)		step 0a
17		+ts_SendMIB(tsc_MIB, tsc_CellA, tsc_Now)		
18		+ts_AT_InitConnection (tsc_CellA)		

After :

ASN.1 Type Constraint Declaration	
Constraint Name:	cb_SIB1_DiffT300 (p_CellInfo CellInfoCtg)
Group:	
Type Name:	SysInfoType1
Derivation Path:	
Encoding Variation:	
Comments:	
Constraint Value	
<pre> (cm_CommonOSM_MAP_NAS_SysInfo p_CellInfo IR, cm_DomainSysInfoList (cm_DomainIdentify ps_domain, cm_Type gsm_MAP: o_OctetStringConcat (p_CellInfo.rac, p_CellInfo.nmcc), cm_DRX_CycleLengthCseIf p_CellInfo.dRX_CycleLength cm_PS_DRX_CycleLength), (cm_DomainIdentify cs_domain, cm_Type gsm_MAP: o_OctetStringConcat (p_CellInfo.t3212, o_InToOct (p_CellInfo.attFlag1), cm_DRX_CycleLengthCseIf p_CellInfo.dRX_CycleLength cm_CS_DRX_CycleLength)), us_CoreTimersAndConstants (t_301 OMIT, n_301 OMIT, t_302 OMIT, n_302 OMIT, t_304 OMIT, n_304 OMIT, t_305 OMIT, t_307 OMIT, t_308 OMIT, t_309 OMIT, t_310 OMIT, n_310 OMIT, t_311 OMIT, t_312 OMIT, n_312 OMIT, t_313 OMIT, n_313 OMIT, t_314 OMIT, t_315 OMIT, n_315 OMIT, t_316 OMIT, t_317 OMIT), us_UsbTimersAndConstants (t_300 ms2000, n_300 tsc_N300, t_312 1s, n_312 6s)), v3a0NonCriticalExtensions OMIT) </pre>	

R_TestBody					
13		+ts_CMAC_Pag1_Cfg (tsc_CellA)			
14		+ts_RRC_Delay (tsc_WaitBeforePaging)			
15		TMRLC_TR_DATA_REQ	cas_PagingType1 (tsc_CellA, tsc_RB_PCCH, cs_RRC_PagingType1_NotifyMode (((tsc_MIB.mib_ValueTag) MOD 8 + 1), tsc_SFN_15))		step 0 The UE is paged by using an arbitrarily chosen SFN No. to get an initial SFN value. Then, a timer is started for approx. one SFN frame cycle (4095 ms -> 41 s + 10 %), by taking the value of 45 s to have an defined SFN value in the same range for the next event
16		+ts_SendSIB1(cb_SIB1_DiM300 (tsc_CellInfoA), tsc_CellA, tsc_Now)			step 0a
17		+ts_SendMIB(tsc_MIB, tsc_CellA, tsc_Now)			
18		+ts_AT_InitConnection (tsc_CellA)			

Local Tree and Test step	In Local tree It_TestBody of tc_8_1_2_9.
Reason for change	TS 34.123-1 defines for the contents of RRC CONNECTION REQUEST in step 2 & Step 3c for K=0 to use the default constraint for the Protocol error indicator (= FALSE), since it is not expected. In the TTCN there is no check for Protocol error indicator.
Summary of change	<ol style="list-style-type: none"> Line #20 of the test case is modified by replacing <code>cdr_RRC_ConnReqUE_IdNoProtErrCheck</code> with <code>cdr_RRC_ConnReqUE_Id</code> to include a check for Protocol error indicator in message RRC CONNECTION REQUEST. Line #15 of the source code there is an unnecessary timer of 45000ms started after the paging type 1 message to UE which will expire in case the user takes more than 45000ms for initiating a connection, hence deleted the starting of the timer (45000ms).
Source of change	new change

Before:

It_TestBody				
13		+ts_CMAC_Pag1_Ctg (tsc_CellA)		
14		+ts_RRC_Delay (tsc_WaitBeforePaging)		
15		TMRLC_TR_DATA_REQ START WaitMS(45000)	cas_PagingType1 (tsc_CellA, tsc_RB_PCCCH, cs_RRC_PagingType1_NotifyIdleMode (((tsc_MB.mib_ValueTag) MOD 8 + 1), tsc_SFN_15))	step 0 The UE is paged by using an arbitrarily chosen SFN No. to get an initial SFN value. Then, a timer is started for approx. one SFN frame cycle (4095 ms -> 41s + 10 %), by taking the value of 45 s to have an defined SFN value in the same range for the next event.
16		+ts_SendSIB1 (cb_SIB1_DFLT300 (tsc_CellInfoA), tsc_CellA, tsc_Now)		step 0a
17		+ts_SendMIB (tsc_MB, tsc_CellA, tsc_Now)		
18		+ts_AT_InitConnection (tsc_CellA)		
19		(tsc_K = 0)		Step 1
20		TMRLC_TR_DATA_IND (tsc_InCar_RRC_ConnReq (tsc_CellA, UE_Id => RLC_TR_DATA_IND (tsc_CellA, tsc_RB_PCCCH, cs_RRC_PagingType1_NotifyIdleMode (((tsc_MB.mib_ValueTag) MOD 8 + 1), tsc_SFN_15))))		Step2, K=0

After:

It_TestBody				
13		+ts_CMAC_Pag1_Ctg (tsc_CellA)		
14		+ts_RRC_Delay (tsc_WaitBeforePaging)		
15		TMRLC_TR_DATA_REQ	cas_PagingType1 (tsc_CellA, tsc_RB_PCCCH, cs_RRC_PagingType1_NotifyIdleMode (((tsc_MB.mib_ValueTag) MOD 8 + 1), tsc_SFN_15))	step 0 The UE is paged by using an arbitrarily chosen SFN No. to get an initial SFN value. Then, a timer is started for approx. one SFN frame cycle (4095 ms -> 41s + 10 %), by taking the value of 45 s to have an defined SFN value in the same range for the next event.
16		+ts_SendSIB1 (cb_SIB1_DFLT300 (tsc_CellInfoA), tsc_CellA, tsc_Now)		step 0a
17		+ts_SendMIB (tsc_MB, tsc_CellA, tsc_Now)		
18		+ts_AT_InitConnection (tsc_CellA)		
19		(tsc_K = 0)		Step 1
20		TMRLC_TR_DATA_IND (tsc_InCar_RRC_ConnReq (tsc_CellA, UE_Id => RLC_TR_DATA_IND (tsc_CellA, tsc_RB_PCCCH, cs_RRC_PagingType1_NotifyIdleMode (((tsc_MB.mib_ValueTag) MOD 8 + 1), tsc_SFN_15))))		Step2, K=0
21		(tsc_K := tsc_K + 1)		Step 2a, K=1

Local Tree and Test step	In Local tree It_TestBody of tc_8_1_2_9.
Reason for change	TS 34.123-1 defines RRC CONNECTION REQUEST constraint in step 2 & Step 3c for K>0 with no check of the Protocol error indicator. In the TTCN code it checks for Protocol error indicator (= FALSE).
Summary of change	1. Line #36 and Line #40 of the test case are modified by replacing cdr_RRC_ConnReqUE_Id with cdr_RRC_ConnReqUE_IdNoProtErrCheck to OMIT a check for Protocol error indicator in message RRC CONNECTION REQUEST.
Source of change	new change

Before:

It_Local1				
36	TBP3	TM?RLC_TR_DATA_IND (txv_InitialUE_Id = RLC_TR_DATA_IND IN_message uL_CCCH_Message.message mcConnectionRequestInInitialUE_Identity)	car_RRC_ConnReq (tsc_C (P) eIA, tsc_RB0, cdr_RRC_ConnReqChk (?, txv_RRC_EstCauMO, ?))	step 2 K>0
37		{ txv_K = txv_K + 1 }		
38		UMRLC_UM_DATA_REQ	cas_RRC_ConnSetup (tsc_CelA, tsc_RB0, cdr_RRC_ConnSetupInI (txv_InitialUE_Id, txv_RRC_Tl, txv_CellInfoA.priScmCode, txv_CellInfoA.uRNTI, txv_CellInfoA.uL_ScramblingCode))	SS send RRC Connection Set Up Step 6
It_Local2				
39		UMRLC_UM_DATA_REQ	cas_RRC_ConnSetup (tsc_CelA, tsc_RB0, cds_10B_RRC_ConnSetupDCH (txv_InitialUE_Id, txv_RRC_Tl, txv_CellInfoB.priScmCode, txv_CellInfoA.uRNTI, tsc_DL_DPCH_Scr5))	step 4 - Use the scrambling code of cell B to ensure UE will not be able to synchronise
40	TBP1	TM?RLC_TR_DATA_IND (txv_InitialUE_Id = RLC_TR_DATA_IND IN_message uL_CCCH_Message.message mcConnectionRequestInInitialUE_Identity)	car_RRC_ConnReq (tsc_C (P) eIA, tsc_RB0, cdr_RRC_ConnReqUE_Id (txv_RRC_EstCauMO))	

After :

It_Local1				
36	TBP3	TM?RLC_TR_DATA_IND (txv_InitialUE_Id = RLC_TR_DATA_IND IN_message uL_CCCH_Message.message mcConnectionRequestInInitialUE_Identity)	car_RRC_ConnReq (tsc_C (P) eIA, tsc_RB0, cdr_RRC_ConnReqUE_IdNoProtErrCheck (txv_RRC_EstCauMO))	step 2 K>0
37		{ txv_K = txv_K + 1 }		
38		UMRLC_UM_DATA_REQ	cas_RRC_ConnSetup (tsc_CelA, tsc_RB0, cdr_RRC_ConnSetupInI (txv_InitialUE_Id, txv_RRC_Tl, txv_CellInfoA.priScmCode, txv_CellInfoA.uRNTI, txv_CellInfoA.uL_ScramblingCode))	SS send RRC Connection Set Up Step 6
It_Local2				
39		UMRLC_UM_DATA_REQ	cas_RRC_ConnSetup (tsc_CelA, tsc_RB0, cds_10B_RRC_ConnSetupDCH (txv_InitialUE_Id, txv_RRC_Tl, txv_CellInfoB.priScmCode, txv_CellInfoA.uRNTI, tsc_DL_DPCH_Scr5))	step 4 - Use the scrambling code of cell B to ensure UE will not be able to synchronise
40	TBP1	TM?RLC_TR_DATA_IND (txv_InitialUE_Id = RLC_TR_DATA_IND IN_message uL_CCCH_Message.message mcConnectionRequestInInitialUE_Identity)	car_RRC_ConnReq (tsc_C (P) eIA, tsc_RB0, cdr_RRC_ConnReqUE_IdNoProtErrCheck (txv_RRC_EstCauMO))	
41		{ txv_K = txv_K + 1 }		

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CHANGE REQUEST

⌘ **TS 34.123-3 CR 355** ⌘ rev - ⌘ Current version: **3.4.0** ⌘

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

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

Title:	⌘ Correction to RRC Package 1 TC 8.2.1.8 and 8.2.1.9 for the mismatch between Radio Bearer setup and PDP context Activation Request message (Revision of T1s040071).		
Source:	⌘ Anite Telecoms		
Work item code:	⌘ N/A	Date:	⌘ 02/03/2004
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:	⌘ The Radio bearer setup from Cell_DCH to Cell_FACH is setup for PS 32k but PDP Context request is made for 64kbps in test case 8.2.1.8 and 8.2.1.9.		
Summary of change:	⌘		
	<ol style="list-style-type: none"> 1. A new test step ts_AT_OrgPS_Call_RAB_DCH_ToFACH is defined to set up the maxBitrates for the minimum QoS and requested QoS to 32kbps when the cell configuration is cell_DCH_standAloneSRB_NoConn and used specifically for test cases 8.2.1.8 and 8.2.1.9. 2. A new test step ts_RRC_NAS_SessionActPS_MO_DCH_ToFACH is defined to handle PDP Context Request for 32kbps to be used specifically for test cases 8.2.1.8 and 8.2.1.9. 3. Modified test step pr_GotoState6_5_Or6_7_MO_TimerPoll to use the new test steps ts_AT_OrgPS_Call_RAB_DCH_ToFACH and ts_RRC_NAS_SessionActPS_MO_DCH_ToFACH. 		
Consequences if not approved:	⌘ Due to the mismatch UE will keep sending PDP context Deactivation message to network which is not handled in TTCN (affects RRC testcase 8_2_1_8, 8_2_1_9)		

Clauses affected:	⌘										
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;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20px;"><input type="checkbox"/></td> <td style="width: 20px;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	⌘
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Other comments:	⌘										

How to create CRs using this form:

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

Below is a brief summary:

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

Local Tree and Test step	New test step ts_AT_OrgPS_Call_RAB_DCH_ToFACH.
Reason for change	To set up the maxBitrates for the minimum QoS and requested QoS to 32kbps when the cell configuration is cell_DCH_standAloneSRB_NoConn.
Summary of change	New test step
Source of change	new change

Test Step					
Test Step Id:	ts_AT_OrgPS_Call_RAB_DCH_ToFACH (p_CellId : INTEGER)				
Test Step Group Ref:	L3M_UT_Steps/				
Objective:	To originate a PDP Context from the UE.				
Defaults:	UT_OtherwiseFail				
Comments:					
Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		[pc_AT_SupportToInit_PS_Call = TRUE]			USE complete set of AT commands.
1		+!t_PrepareAT_CmdCGEQMIN			Set up the Minimum QoS (same as Required QoS)
2		Ut1 AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
3		Ut ? AT_CmdCnf	ca_AT_CmdCnf		
4		+!t_PrepareAT_CmdCGEQREQ			set up the QoS with the following parameters:
5		Ut1 AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
6		Ut ? AT_CmdCnf	ca_AT_CmdCnf		
7		+!t_AssignAT_Cmd			
8		Ut1 AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
9		Ut ? AT_CmdCnf	ca_AT_CmdCnf		
10		{tcv_AT_Cmd =>"AT+CGACT=1,1<CR>"}			ACTIVATE PDP CONTEXT message for MO
11		Ut1 AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
0		[pc_AT_SupportToInit_PS_Call = FALSE]			USE only CGACT to initiate a call..
1		{tcv_AT_Cmd =>"AT+CGACT=1,1<CR>"}			ACTIVATE PDP CONTEXT message for MO
2		Ut1 AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		

It_AssignAT_Cmd					
0		(Itv_AT_Cmd := o_ConcatStrg(o_ConcatStrg("AT+CGDCONT=1," IP", "", o_ConcatStrg(o_ConcatStrg (Itc_AccessPIName FACH, "", ""), px_PDP_IP_AddrInfoFACH)), "", 0, 0 < CR >*))			Prepare ACTIVATE PDP CONTEXT message for M O
It_PrepareAT_CmdCGEQREQ					
0		[pc_interactive AND (px_RRC_PS_ServTested = ps_interactive)]			
1		(Itv_AT_Cmd := ("AT+CGEQREQ=1,2,32,32,,1,320,"1E4","1E5",1,,3< CR>*))			Set up the Requested GoS
0		[pc_Background AND (px_RRC_PS_ServTested = ps_Background)]			
1		(Itv_AT_Cmd := ("AT+CGEQREQ=1,3,32,32,,1,320,"1E4","1E5",1,,< CR>*))			
0	ERR1	[TRUE]		I	Parameter error
It_PrepareAT_CmdCGEQMIN					
0		[pc_interactive AND (px_RRC_PS_ServTested = ps_interactive)]			
1		(Itv_AT_Cmd := ("AT+CGEQMIN=1,2,32,32,,1,320,"1E3","4E3",1,,3< CR>*))			Set up the Minimum GoS
0		[pc_Background AND (px_RRC_PS_ServTested = ps_Background)]			
1		(Itv_AT_Cmd := ("AT+CGEQMIN=1,3,32,32,,1,320,"1E3","4E3",1,,< CR>*))			
0	ERR2	[TRUE]		I	Parameter error
Detailed Comment:					

Local Tree and Test step	New test step ts_RRC_NAS_SessionActPS_MO_DCH_ToFACH.
Reason for change	To handle PDP Context Request for 32kbps to be used specifically for test cases 8.2.1.8 and 8.2.1.9.
Summary of change	New test step
Source of change	new change

Test Step Id:	ts_RRC_NAS_SessionActPS_MO_DCH_ToFACH (p_CellId : INTEGER)
Test Step Group Ref:	RRCM_Generic108_Steps/
Objective:	NAS session activation procedure for PS sessions specifically for test cases 8.2.1.8 and 8.2.1.9
Defaults:	NAS_OtherwiseFail
Comments:	See 34.108 clause 7.4.2.4.2 tcv_RAB_Id is set to the value received from UE in the ACTIVATE PDP CONTEXT REQUEST message.

Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		+ts_GMM_Authentication(p_CellId)			Steps 1-2
1		+ts_RRC_Security(p_CellId, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, TRUE, ps_domain)			Steps 3-4
2		+ts_InitialiseDtyAndTrafficClass			
3		+ It_ReceivePDP_ReqFACH			
4		+ ts_SetTI_Rsp (tcv_TI_R)			
5		+ It_InitVariableForStaticAddress_FACH			
It_InitVariableForStaticAddress_FACH					
0		[tcv_PkIDataProtoAddr=(cr_PkDataProtoAddrMO_iv_Len (o_InitToOct(LENGTH_OF((o_IAS_IP_ToOct(p_PDP_IP_AddrInfoFACH , TRUE))) + 2), 1), p_PDP_IP_AddrInfoFACH)]			
1		(tcv_StaticPDP_AddressReceived : = TRUE)			
0		[TRUE]			

It_ReceivePDP_ReqFACH					
0		[pc_AT_SupportToInit_PS_Call = TRUE]			IF call initiated by AT command, check GoS
1		Dc ? RRC_DataInd (tcv_ActPDP_ContextReq := RRC_DataInd.msg, tcv_TI_R := tcv_ActPDP_ContextReq.tl, tcv_PkIDataProtoAddr := tcv_ActPDP_ContextReq.pDP_Address, tcv_RAB_Id := INT_TO_BIT(BIT_TO_INT(tcv_ActPDP_ContextReq.requestedNSAPInSAPI_Value), 8))	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReq.FACH_MO (cr_GoS_InteractiveOrBackgroundMO_CellFACH_iv(tcv_DtyClass, tcv_TrafficClass)))		
0		[pc_AT_SupportToInit_PS_Call = FALSE]			If by MMI call, then not check the GoS
1		Dc ? RRC_DataInd (tcv_ActPDP_ContextReq := RRC_DataInd.msg, tcv_TI_R := tcv_ActPDP_ContextReq.tl, tcv_PkIDataProtoAddr := tcv_ActPDP_ContextReq.pDP_Address, tcv_RAB_Id := INT_TO_BIT(BIT_TO_INT(tcv_ActPDP_ContextReq.requestedNSAPInSAPI_Value), 8))	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReq.FACH_MO (?))		

Detailed Comment: 1. Assign tcv_RAB_Id (BITSTRING(8)) with the NSAPI (BITSTRING(4)) value received in ACTIVATE PDP CONTEXT REQUEST message.

Local Tree and Test step	In test step pr_GotoState6_5_Or6_7_MO_TimerPoll.
Reason for change	To use the new test steps ts_AT_OrgPS_Call_RAB_DCH_ToFACH and ts_RRC_NAS_SessionActPS_MO_DCH_ToFACH.
Summary of change	Use new test steps ts_AT_OrgPS_Call_RAB_DCH_ToFACH and ts_RRC_NAS_SessionActPS_MO_DCH_ToFACH for a specific AT init connection for the PS Domain and to handle the specific PDP Context Request from UE.
Source of change	new change

Before:

Test Step Id:	pr_GotoState6_5_Or6_7_MO_TimerPoll (p_CellId : INTEGER ; p_TimerPoll : TimerPoll)				
Test Step Group Ref:	RRC_Preambles/				
Objective:	To bring UE to state 6-5 for CS or 6-7 for PS on cell_DCH using a MO call.				
Defaults:	RRC_Def1				
Comments:	@sic OG 07/01/04 T1-031842 sic@				
Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		[px_RAT=fdd]			FDD specific behaviour
1		+ts_SS_CreateCellDCH_TimerPoll (p_CellId, p_TimerPoll)			Configure lower tester
2		+ts_SendDefSysInfo(p_CellId)			Sends the default system information in CellA
3		+ts_IdleUpdated(p_CellId)			Idle Update and bring UE to CELL_DCH state and release the connection a gain
4		+ts_AT_InitConnection (p_CellId)			
5		[!cv_CN_Domain = ps_domain]			
6		+ts_RRC_ConnEstPS_MO_P5_P6(p_CellId)			
7		+ts_RRC_NAS_SessionActPS_MO_P9_P10 (p_CellId)			
5		[!cv_CN_Domain = cs_domain]			
6		+ts_RRC_ConnEstCS_MO_P3_P4 (p_CellId)			
7		+ts_RRC_NAS_CallSetupCS_MO_P7_P8 (p_CellId)			
0	ERR1	[px_RAT=tdd]		I	TDD specific behaviour
0	ERR2	[TRUE]		I	

After:

Test Step Id:	pr_GotoState6_5_Or6_7_MO_TimerPoll (p_CellId : INTEGER ; p_TimerPoll : TimerPoll)				
Test Step Group Ref:	RRC_Preambles/				
Objective:	To bring UE to state 6-5 for CS or 6-7 for PS on cell_DCH using a MO call.				
Defaults:	RRC_Def1				
Comments:	@sic OG 07/01/04 T1-031842 sic@				
Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		[px_RAT=fdd]			FDD specific behaviour
1		+ts_SS_CreateCellDCH_TimerPoll (p_CellId, p_TimerPoll)			Configure lower tester
2		+ts_SendDefSysInfo(p_CellId)			Sends the default system information in CellA
3		+ts_IdleUpdated(p_CellId)			Idle Update and bring UE to CELL_DCH state and release the connection a gain
4		[!cv_CN_Domain = ps_domain]			
5		+ts_AT_OrgPS_Call_RAB_DCH_ToFACH (p_CellId)			
6		+ts_RRC_ConnEstPS_MO_P5_P6(p_CellId)			
7		+ts_RRC_NAS_SessionActPS_MO_DCH_ToFACH (p_CellId)			
4		[!cv_CN_Domain = cs_domain]			
5		+ts_AT_InitConnection (p_CellId)			
6		+ts_RRC_ConnEstCS_MO_P3_P4 (p_CellId)			
7		+ts_RRC_NAS_CallSetupCS_MO_P7_P8 (p_CellId)			
0	ERR1	[px_RAT=tdd]		I	TDD specific behaviour
0	ERR2	[TRUE]		I	

CHANGE REQUEST

⌘ **34.123-3 CR 356** ⌘ rev **-** ⌘ Current version: **3.4.0** ⌘

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

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

Title:	⌘	Modification to ATT flag usage in TC 12.3.1.5. (Re-submission of T1-031923 on v3.4.0)
Source:	⌘	Anite
Work item code:	⌘	TEI 3/03/2004
Category:	⌘	F
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following categories:</i></p> <p>F (correction)</p> <p>A (corresponds to a correction in an earlier release)</p> <p>B (addition of feature),</p> <p>C (functional modification of feature)</p> <p>D (editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p> </div> <div style="width: 45%;"> <p><i>Use <u>one</u> of the following releases:</i></p> <p>2 (GSM Phase 2)</p> <p>R96 (Release 1996)</p> <p>R97 (Release 1997)</p> <p>R98 (Release 1998)</p> <p>R99 (Release 1999)</p> <p>Rel-4 (Release 4)</p> <p>Rel-5 (Release 5)</p> <p>Rel-6 (Release 6)</p> </div> </div>
Release:	⌘	R99

Reason for change:	⌘	TS 34.108 section 6.1.0b defines: Default GSM-MAP NAS system information for CS domain = 1E 01H ie. ATT Flag = 1 But in 12.3.1.5 TTCN implementation ATT Flag is initialized to 0.
Summary of change:	⌘	In NAS ATS 12.3.1.5 test case, <i>tcv_CellInfoA.attFlag</i> initialized to <i>tsc_AttOn</i> in place of <i>tsc_AttOff</i> at line 6 of the test case.
Consequences if not approved:	⌘	Test case implementation not according to test specification for default condition.

Clauses affected:	⌘	NA						
Other specs affected:	⌘	<table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">Y</td> <td style="border: 1px solid black; padding: 2px;">N</td> </tr> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table> Other core specifications ⌘ Test specifications O&M Specifications	Y	N				
Y	N							
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.

TTCN Change description

Change 1 : ATT Flag initialization

Local Tree and Test step	Tc_12_3_1_5 test case, Step 6
Reason for change	ATT Flag needs to be set to 1.
Summary of change	At line 6, tcv_CellInfoA.attFlag := tsc_AttOn from tcv_CellInfoA.attFlag := tsc_AttOff
Source of change	Anite

Before Change:

6	(tcv_CellInfoA.attFlag := tsc_AttOff)		
7	+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 q

After Change:

6	(tcv_CellInfoA.attFlag = tsc_AttOn) ←		
7	+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)		

CHANGE REQUEST

№ **34.123-3 CR 354** № rev **-** № Current version: **3.4.0** №

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:	№ General correction to approved GCF P1 (Cell FACH) MAC test cases		
Source:	№ Rohde & Schwarz / MCC 160		
Work item code:	№ N/A	Date:	№ 03/03/2004
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:	№ In the Preamble RB's 1,2,3,4 & 20 are configured. However during the CMAC_Reconfig in test step "ts_MAC_GenericSetupProceduresToBGP6_2Or6_4" only Radio Bearers 1, 2, 3 & 4 are configured & Rb20 is left out. This leads the test case to Fail thereafter when RB20 is released in the Postamble.
Summary of change:	№ <ol style="list-style-type: none"> 1. Add Uplink configuration for RB20 in "c_TrLogMapping_Rach1TransRB3" 2. Add Downlink configuration for RB20 in "c_TrLogMapping_PchFach1TransRB3"
Consequences if not approved:	№ A good UE may fail test cases 7.1.1.1, 7.1.1.2, 7.1.1.3, 7.1.1.4 & 7.1.1.5

Clauses affected:	№ N/A										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	№
	Y	N									
	<input type="checkbox"/>	<input checked="" type="checkbox"/>									
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
		Test specifications									
		O&M Specifications									
Other comments:	№										

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Below is a brief summary:

- 1) Fill out the above form. The symbols above marked № contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

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

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

Uplink configuration for RB20 in "c_TrLogMapping_Rach1TransRB3"

ASN.1 PDU Constraint name	c_TrLogMapping_Rach1TransRB3
Reason for change	In the Preamble RB's 1,2,3,4 & 20 are configured. However during the CMAC_Reconfig in test step "ts_MAC_GenericSetupProceduresToBGP6_2Or6_4" only Radio Bearers 1, 2, 3 & 4 are configured & Rb20 is left out. This leads the test case to Fail thereafter when RB20 is released in the Postamble.
Summary of change	<p>1. Add Uplink configuration (shown below) for RB20 in constraint "c_TrLogMapping_Rach1TransRB3"</p> <pre> { logicalChannel_Mapping ul_LogicalChannelMapping : { macHeaderManipulation normalMacHeader , ul_TransportChannelType rach, logicalChannelIdentity tsc_UL_DTCH1, logicalChannelType dTCH }, rB_Identity tsc_RB20 } </pre>

ASN.1 Type Constraint Declaration

Constraint Name:	c_TrLogMapping_Rach1TransRB3
Group:	
Type Name:	TrCH_LogCHMappingList1
Derivation Path:	
Encoding Variation:	
Comments:	This constraint is identical to c_TrLogMapping_PchRach1, except that the macHeaderManipulation field for RB3 is set to 'OmitMacHeader' for RB3. This allows the MAC header information to be inspected by the TTCN for received PDUs. WAFMAC4109

Constraint Value

```

{
  ulconnectedTrCHList
  {
    {
      trchid tsc_RACH1,
      trCH_LogCHMappingList {
        {
          logicalChannel_Mapping ul_LogicalChannelMapping : {
            macHeaderManipulation normalMacHeader ,
            ul_TransportChannelType rach,
            logicalChannelIdentity tsc_UL_DCCH4,
            logicalChannelType dCCH
          },
          rB_Identity tsc_RB4
        },
        {
          logicalChannel_Mapping ul_LogicalChannelMapping : {
            macHeaderManipulation normalMacHeader ,
            ul_TransportChannelType rach,
            logicalChannelIdentity tsc_UL_DTCH1,
            logicalChannelType dTCH
          },
          rB_Identity tsc_RB20
        }
      }
    }
  }
  dlconnectedTrCHList OMIT
}

```

Downlink configuration for RB20 in "c_TrLogMapping_PchFach1TransRB3"

ASN.1 PDU	c_TrLogMapping_PchFach1TransRB3
Constraint name	
Reason for change	In the Preamble RB's 1,2,3,4 & 20 are configured. However during the CMAC_Reconfig in test step "ts_MAC_GenericSetupProceduresToBGP6_2Or6_4" only Radio Bearers 1, 2, 3 & 4 are configured & Rb20 is left out. This leads the test case to Fail thereafter when RB20 is released in the Postamble.
Summary of change	<p>2. Add Downlink configuration (shown below) for RB20 in constraint "c_TrLogMapping_PchFach1TransRB3"</p> <pre> { trchid tsc_FACH2, trCH_LogCHMappingList { { logicalChannel_Mapping dl_LogicalChannelMapping : { macHeaderManipulation normalMacHeader, dl_TransportChannelType fach, logicalChannelIdentity tsc_DL_DTCH1, logicalChannelType dTCH, rlc_SizeList configured : NULL, mac_LogicalChannelPriority 8 }, rB_Identity tsc_RB20 } } } </pre>

ASN.1 Type Constraint Declaration

Constraint Name:	c_TrLogMapping_PchFach1TransRB3
Group:	
Type Name:	TrCH_LogCHMappingList1
Derivation Path:	
Encoding Variation:	
Comments:	<p>This constraint is identical to c_TrLogMapping_PchFach1, except that the macHeaderManipulation field for RB3 is set to 'OmitMacHeader' for RB3. This allows the MAC header information to be specified by the TTCN for transmitted PDUs.</p> <p>For FDD mode only. map PCCH to PCH and DCCH1, DCCH2, DCCH3, DCCH4, CCCH and BCCH(for BCCH_FACH)</p> <p>WA#MAC4110</p>

Constraint Value

<pre> { ulconnectedTrCHList OMIT, dlconnectedTrCHList { { trchid tsc_FACH2, trCH_LogCHMappingList { { logicalChannel_Mapping dl_LogicalChannelMapping : { macHeaderManipulation normalMacHeader, dl_TransportChannelType fach, logicalChannelIdentity tsc_DL_DTCH1, logicalChannelType dTCH, rlc_SizeList configured : NULL, mac_LogicalChannelPriority 8 }, rB_Identity tsc_RB20 } } } } } </pre>
--

CR-Form-v7

CHANGE REQUEST

⌘ **TS 34.123-3 CR 352** ⌘ rev **-** ⌘ Current version: **3.4.0** ⌘

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:	⌘ Error correction lists to iWD-wk04 and iWD-wk07		
Source:	⌘ MCC160		
Work item code:	⌘ N/A	Date:	⌘ 05/03/2004
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:	⌘ This TTCN CR contains two error correction lists at the regression tests to iWD-TV2003-03_D04wk04 and -TV2003-03_D04wk07
Summary of change:	⌘ See enclosed lists
Consequences if not approved:	⌘ These corrections would not be documented and could not be traced.

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="width: 20px; text-align: center;"> </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;"> </td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	Y	N					⌘	
Y	N								
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.

CR-Form-v7

CHANGE REQUEST

TS 34.123-3 CR 353 # rev - # Current version: **3.4.0**

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

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

Title:	# TTCN corrections to Generic Setup Procedures		
Source:	# Racal Instruments Wireless Solutions, an Aeroflex company		
Work item code:	# N/A	Date:	# 04/03/2004
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:	# 34.123-3 section 6.5.2 (RLC Test Method) states, "RLC PDUs are specified in the TTCN test suite, and sent to TM PCO. These PDUs shall be carefully designed so that the Tr-Entity will not perform any segmentation". and that "... Test cases shall be carefully designed to ensure that segmentation is not used in the SS Tr-Entity for RLC Testing" Additionally, 25.331 section 8.6.4.8 (RB Mapping Info) states that the following is an invalid configuration: "if the RB is using TM and the IE "Segmentation Indication" is set to TRUE and, based on the multiplexing configuration resulting from this message, the logical channel corresponding to it is mapped onto the same transport channel as another logical channel", i.e. segmented TM over multiplexed logical channels is invalid. Therefore, Segmentation Indication should be set to FALSE
Summary of change:	# Change the "segmentationIndication" to FALSE, in constraints ca_RB_TM_Info and ca_RB_UL_TM_Info, which are used in Generic Setup Procedures.
Consequences if not approved:	# TTCN will not be in line with the Prose.

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:	⌘											

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

01 Jan - 31 Dec 2004

Title: TTCN corrections to Generic Setup Procedures
Source: Racal Instruments Wireless Solutions, an Aeroflex company
Agenda Item: TTCN Issues
Document for: Approval
Contact: Kundan Sehmbey
kundan.sehmbey@aeroflex.com
Tel. +44 1628 610639

1 TTCN Corrections required

2 ca_RB_TM_Info

Constraint name ca_RB_TM_Info

Before:

```
{
  cellId p_CellId,
  routingInfo rB_Identity: p_RB_Id,
  ratType fdd,
  configMessage setup : {
    sS_rlc_Info { sS_ul_RLC_Mode dl_TM_RLC_Mode :{
      segmentationIndication TRUE
    },
    sS_dl_RLC_Mode {
      dl_PayloadSize p_PayloadSize,
      dl_RLCModeInfo ul_TM_RLC_Mode :{
        segmentationIndication TRUE
      }
    }
  }
},
  rB_LogCh_Mapping p_LogChMapping
}
}
```

After :

```
{
  cellId p_CellId,
  routingInfo rB_Identity: p_RB_Id,
  ratType fdd,
  configMessage setup : {
    sS_rlc_Info { sS_ul_RLC_Mode dl_TM_RLC_Mode :{
      segmentationIndication FALSE
    },
    sS_dl_RLC_Mode {
      dl_PayloadSize p_PayloadSize,
      dl_RLCModeInfo ul_TM_RLC_Mode :{
        segmentationIndication FALSE
      }
    }
  }
},
  rB_LogCh_Mapping p_LogChMapping
}
}
```

2.1 ca_RB_TM_UL_Info

Constraint name ca_RB_TM_UL_Info

Before:

```
{
  cellId p_CellId,
  routingInfo rB_Identity: p_RB_Id,
  ratType fdd,
  configMessage setup : {
    sS_rlc_Info { sS_ul_RLC_Mode dl_TM_RLC_Mode :{
      segmentationIndication TRUE
    } ,
    sS_dl_RLC_Mode {
      dl_PayloadSize p_PayloadSize,
      dl_RLCModeInfo ul_TM_RLC_Mode :{
        segmentationIndication TRUE
      }
    }
  },
  rB_LogCH_Mapping p_LogChMapping
}
```

After :

```
{
  cellId p_CellId,
  routingInfo rB_Identity: p_RB_Id,
  ratType fdd,
  configMessage setup : {
    sS_rlc_Info { sS_ul_RLC_Mode dl_TM_RLC_Mode :{
      segmentationIndication FALSE
    } ,
    sS_dl_RLC_Mode {
      dl_PayloadSize p_PayloadSize,
      dl_RLCModeInfo ul_TM_RLC_Mode :{
        segmentationIndication FALSE
      }
    }
  },
  rB_LogCH_Mapping p_LogChMapping
}
```

CR-Form-v7

CHANGE REQUEST

⌘ **TS 34.123-3 CR 349** ⌘ rev - ⌘ Current version: **3.4.0** ⌘

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

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

Title: ⌘ Correction to RRC Package 2 TC 8.2.2.7 for radio bearer messages with specified IEs and correction of default PS RAB and SRBs RLC configurations in RRC ATS. (Revision of T1s040165).

Source: ⌘ Anite Telecoms

Work item code: ⌘ N/A

Date: ⌘ 17/03/2004

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. According to 34.108 specification, IE's max-RST should be set as rst4 and timerPoll should be set as tp200 in default 'RADIO BEARER SETUP' message. However, the current implementation does not set the message accordingly.
2. According to 34.108 specification, timerPoll should be set as tp200 in default 'RRC CONNECTION SETUP' message. However, the current implementation does not set the message accordingly due to the modification in the base constraint cb_UL_AM_RLC.
3. According to 34.123-1 specification, test case 8.2.2.7; the 'RADIO BEARER RECONFIGURATION' message should **not** include following IEs:
 - UL Transport Channel information for all transport channels,**
 - Added or Reconfigured UL Trch information,**
 - CHOICE mode,**
 - DL Transport channel information common for all transport channel,**
 - Deleted DL TrCH information,**
 - Added or Reconfigured DL TrCH information,**
 - Frequency info,**
 - CHOICE channel requirement,**
 - CHOICE mode – Downlink PDSCH information (FDD),**

Downlink information for all radio links

In addition to default values specified in 34.108. However, the current Implementation does not OMIT all above mentioned IEs.

- Summary of change:** ⌘
1. Modified RADIO BEARER SETUP message contents to set the IE's max-RST and timerPoll correctly according to the default specification of the message in 34.108.
 2. Modified RRC CONNECTION SETUP message contents to set the IE's max-RST and timerPoll correctly according to the default specification of the message in 34.108.
 3. Modified RADIO BEARER RECONFIGURATION message (in Step#1 of the test specification) contents to **OMIT** following IEs,

UL Transport Channel information for all transport channels

Added or Reconfigured UL Trch information,

DL Transport channel information common for all transport channel,

Added or Reconfigured DL TrCH information,

Frequency info,

CHOICE channel requirement,

Downlink information for all radio links

as specified in TS 24.123-1 Section 8.2.2.7 *Specific Message Contents*

RADIO BEARER RECONFIGURATION (Step 1 FDD).

Consequences if not approved: ⌘ Although the CR corrects TC 8.2.2.7 the proposed changes have the general affect on the all approved TCs.

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

Change 1.

ASN.1 Type Constraint Declaration	cb_UL_AM_RLC
Reason for change	According to 34.108 specification, IE's max-RST should be set as rst4 and timerPoll should be set as tp200 in default 'RADIO BEARER SETUP' message. However, the current implementation does not set the message accordingly.
Summary of change	Modified RADIO BEARER SETUP message contents to set the IE's max-RST and timerPoll correctly according to the default specification of the message in 34.108.
Source of change	New change

Before:

ASN.1 Type Constraint Declaration	
Constraint Name:	cb_UL_AM_RLC
Group:	
Type Name:	UL_AM_RLC_Mode
Derivation Path:	
Encoding Variation:	
Comments:	
Constraint Value	
<pre> { transmissionRLC_Discard noDiscard : dat15, transmissionWindowSize tw128, timerRST tr500, max_RST rst1, pollingInfo { timerPollProhibit tpp200, timerPoll tp400, poll_PDU OMIT, poll_SDU sdu1, lastTransmissionPDU_Poll TRUE, lastRetransmissionPDU_Poll TRUE, pollWindow pw99, timerPollPeriodic OMIT } } </pre>	
Detailed Comment:	

After:

ASN.1 Type Constraint Declaration	
Constraint Name:	cb_UL_AM_RLC
Group:	
Type Name:	UL_AM_RLC_Mode
Derivation Path:	
Encoding Variation:	
Comments:	
Constraint Value	
<pre> { transmissionRLC_Discard noDiscard : dat15, transmissionWindowSize tw128, timerRST tr500, max_RST rst4, pollingInfo { timerPollProhibit tpp200, timerPoll tp200, poll_PDU OMIT, poll_SDU sdu1, lastTransmissionPDU_Poll TRUE, lastRetransmissionPDU_Poll TRUE, pollWindow pw99, timerPollPeriodic OMIT } } </pre>	
Detailed Comment:	

Change 2.

ASN.1 Type Constraint Declaration	cd_UL_AM_RLC_SRB
Reason for change	1. According to 34.108 specification, timerPoll should be set as tp200 in default 'RRC CONNECTION SETUP' message. However, the current implementation does not set the message accordingly due to the modification in the base constraint cb_UL_AM_RLC.
Summary of change	Modified RRC CONNECTION SETUP message contents to set the IE's max-RST and timerPoll correctly according to the default specification of the message in 34.108.
Source of change	New change

Before:

Constraint Name:	cd_UL_AM_RLC_SRB
Group:	
Type Name:	UL_AM_RLC_Mode
Derivation Path:	cb_UL_AM_RLC
Encoding Variation:	
Comments:	
Constraint Value	
REPLACE transmissionWindowSize BY tw32	

After:

Constraint Name:	cd_UL_AM_RLC_SRB
Group:	
Type Name:	UL_AM_RLC_Mode
Derivation Path:	cb_UL_AM_RLC
Encoding Variation:	
Comments:	

Constraint Value	
REPLACE transmissionWindowSize BY tw32, REPLACE max_RST BY rst1	Constraint Value

change 3:

ASN.1 PDU Constraint Declaration	cde_RB_ReconfigSpeechRB3_Continue cde_RB_Reconfig64k_CS_RB3_Continue cde_RB_Reconfig57_6k_CS_RB3_Continue cde_RB_Reconfig64k_PS_RB3_Continue
Reason for change	Some specific IE's need to be omitted in ASN.1 PDU constraints declared to define RADIO BEARER RECONFIGURATION message.
Summary of change	1. Modified RADIO BEARER RECONFIGURATION contents to OMIT some of the IE's as specified in specification 34.123-1.
Source of change	New change

After:

Constraint Name:	cde_RB_ReconfigSpeechRB3_Continue (<p>p_IntegrityInfo : IntegrityCheckInfo ; p_RRC_Tt : RRC_TransactionIdentifier ; p_Activetime : ActivationTime ; p_FreqInfo : FrequencyInfo ; p_PrimaryScramblingCode : PrimaryScramblingCode ; p_UL_ScramblingCode : UL_ScramblingCode</p>)
Group:	
PDU Name:	DL_DCCH_Message
Derivation Path:	cbs_108_RB_ReconfigSpeech
Encoding Rule Name:	
Encoding Variation:	
Comments:	IE RB stop/continue set to "continue" for radio bearer 3

Constraint Value	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.rb_InformationReconfList [2] rb_StopContinue BY continueRB, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul_CommonTransChInfo BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul_AddReconfTransChInfoList BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl_CommonTransChInfo BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl_AddReconfTransChInfoList BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.frequencyInfo BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul_ChannelRequirement BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl_CommonInformation BY OMIT	

Constraint Name:	cbs_RB_Reconfig64k_CS_RB3_Continue (p_IntegrityInfo : IntegrityCheckInfo ; p_RRC_Ti: RRC_TransactionIdentifier; p_Activetime: ActivationTime; p_FreqInfo: FrequencyInfo; p_PrimaryScramblingCode : PrimaryScramblingCode; p_UL_ScramblingCode : UL_ScramblingCode)
Group:	
PDU Name:	DL_DCCH_Message
Derivation Path:	cbs_108_RB_Reconfig64k_CS
Encoding Rule Name:	
Encoding Variation:	
Comments:	IE RB stopContinue set to "continue" for radio bearer 3

Constraint Value	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.rb.InformationReconfList[2].rb.StopContinue BY continueRB,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul.CommonTransChInfo BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul.AddReconfTransChInfoList BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl.CommonTransChInfo BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl.AddReconfTransChInfoList BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.frequencyInfo BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul.ChannelRequirement BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl.CommonInformation BY OMIT	

Constraint Name:	cbs_RB_Reconfig57_6k_CS_RB3_Continue (p_IntegrityInfo : IntegrityCheckInfo ; p_RRC_Ti: RRC_TransactionIdentifier; p_Activetime: ActivationTime; p_FreqInfo: FrequencyInfo; p_PrimaryScramblingCode : PrimaryScramblingCode; p_UL_ScramblingCode : UL_ScramblingCode)
Group:	
PDU Name:	DL_DCCH_Message
Derivation Path:	cbs_108_RB_Reconfig57_6k_CS
Encoding Rule Name:	
Encoding Variation:	
Comments:	IE RB stopContinue set to "continue" for radio bearer 3

Constraint Value	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.rb.InformationReconfList[2].rb.StopContinue BY continueRB,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul.CommonTransChInfo BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul.AddReconfTransChInfoList BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl.CommonTransChInfo BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl.AddReconfTransChInfoList BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.frequencyInfo BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul.ChannelRequirement BY OMIT,	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl.CommonInformation BY OMIT	

Constraint Name:	cds_RB_Reconfig64k_PS_RB3_Continue (p_IntegrityInfo : IntegrityCheckInfo ; p_RRC_Ti: RRC_TransactionIdentifier; p_Activetime: ActivationTime; p_FreqInfo: FrequencyInfo; p_PrimaryScramblingCode : PrimaryScramblingCode; p_UL_ScramblingCode : UL_ScramblingCode)
Group:	
PDU Name:	DL_DCCH_Message
Derivation Path:	cds_108_RB_Reconfig64k_PS.
Encoding Rule Name:	
Encoding Variation:	
Comments:	IE RB stopContinue set to "continue" for radio bearer 3
Constraint Value	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.rb_InformationReconfList [2] rb_StopContinue BY continueRB, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul_CommonTransChInfo BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul_AddReconfTransChInfoList BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl_CommonTransChInfo BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl_AddReconfTransChInfoList BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.frequencyInfo BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.ul_ChannelRequirement BY OMIT, REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.dl_CommonInformation BY OMIT	

CR-Form-v7

CHANGE REQUEST

TS 34.123-3 CR 350 # rev - # Current version: **3.4.0**

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

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

Title: # Correction to NAS Package 1 TC 12.5 for selecting UE operation mode C only when mode A not supported and validating RRC connection establishment cause

Source: # Anite

Work item code: # N/A

Date: # 17/03/2004

Category: # **F**

Release: # R99

Use one of the following categories:

Use one of the following releases:

- F** (correction)
- A** (corresponds to a correction in an earlier release)
- B** (addition of feature),
- C** (functional modification of feature)
- D** (editorial modification)

- 2 (GSM Phase 2)
- R96 (Release 1996)
- R97 (Release 1997)
- R98 (Release 1998)
- 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. According to 34.123-1 specification, test case 12.5

Related ICS/IXIT statements

UE operation mode A Yes/No
 UE operation mode C Yes/No (only if mode A not supported)

But in the TTCN implementation of the test case 'UE operation mode C' is given greater priority than 'UE operation mode A'.

2. According to 34.123-1 12.5 - Expected sequence - Step#15:
 "SS checks that the IE "Establishment cause" in the received RRC CONNECTION REQUEST message is set to 'Terminating interactive call' .

But in TTCN implementation, in step#29 no constraint is assigned for validating the establishment cause.

Summary of change: # 1. TTCN implementation for test case 12.5 corrected to selecting UE operation mode C only if mode A is not supported.
 2. TTCN implementation corrected for checking RRC connection establishment cause from '?' to "terminatingInteractiveCall"

Consequences if not approved: # TC 12.5 Test case not compliant with the 34.123-1.

Clauses affected: # N/A

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

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

Change 1:

Test step	tc_12_5, step #9 and step #13
Reason for change	If mode A and C supported, mode C is given preference even when UE supports mode A. But according to test prose mode A should be given preference. Change made to test case to select UE operation mode C, only when mode A is not supported.
Summary of change	1. Step #9 is changed from <i>[pc_SupportOpModeC]</i> to <i>[px_SupportOpModeC AND (NOT pc_SupportOpModeA)]</i> 2. Step #13 changed from <i>[(NOT pc_SupportOpModeC) AND pc_SupportOpModeA]</i> to <i>[pc_SupportOpModeA]</i>
Source of change	Correction to test case.

Before:

8	+ts_GMM_SwitchOff_AfterPSRejection (tsc_CellA, tcr_CellInfoA.atFlag)		
9	[pc_SupportOpModeC]		If operation mode C supported
10	+ts_MMI_SetOpModeC		Set UE in operation mode C
11	+tl_TestBody		
12	+pc_ConnectionAndSS_Rels		
13	[(NOT pc_SupportOpModeC) AND pc_SupportOpModeA]	A]	If operation mode C is not supported but operation mode A is supported
14	+ts_MMI_SetOpModeA		Set UE in operation mode A

After:

8	+ts_GMM_SwitchOff_AfterPSRejection (tsc_CellA, tcr_CellInfoA.atFlag)		
9	[px_SupportOpModeC AND (NOT pc_SupportOpModeA)]		If operation mode C supported and Mode A not supported
10	+ts_MMI_SetOpModeC		Set UE in operation mode C
11	+tl_TestBody		
12	+pc_ConnectionAndSS_Rels		
13	[pc_SupportOpModeA]		If operation mode A supported
14	+ts_MMI_SetOpModeA		Set UE in operation mode A

Change 2:

Test step	tc_12_5, step #29
Reason for change	Test prose specifies RRC connection establishment cause should be 'Terminating interactive call', But the implementation the establishment cause is ignored.
Summary of change	1. Step #29 is changed from <code>ts_RRC_ConnEst(tsc_CellA, est_MT, ?)</code> to <code>+ts_RRC_ConnEst(tsc_CellA, est_MT, terminatingInteractiveCall)</code>
Source of change	Correction to test case.

Before:

28	<code>+ts_GMM_PagingType1_PTMSI(tsc_CellA, terminatingInteractiveCall, px_PTMSI_2)</code>			Step 14. Page UE with assigned P-TMSI-2
29	<code>+ts_RRC_ConnEst(tsc_CellA, est_MT, ?)</code>			

After:

28	<code>+ts_GMM_PagingType1_PTMSI(tsc_CellA, terminatingInteractiveCall, px_PTMSI_2)</code>			Step 14. Page UE with assigned P-TMSI-2
29	<code>+ts_RRC_ConnEst(tsc_CellA, est_MT, terminatingInteractiveCall)</code>			

CHANGE REQUEST

⌘ **TS 34.123-3 CR 351** ⌘ rev - ⌘ Current version: **3.4.0** ⌘

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

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

Title: ⌘ Correction to RRC Package 1 TC 8.1.2.1 modification to UE system specific capabilities (Revision of T1s040078).

Source: ⌘ Anite

Work item code: ⌘ N/A

Date: ⌘ 17/03/2004

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 34.123-1 specifies to check at step 3a that the IE 'UE Specific Behaviour Information 1 idle' is not included in the received 'RRC CONNECTION REQUEST' message. The SS only listens for this condition until the timer T300 has expired and it should wait until the correct message is received. In the current TTCN implementation SS only checks for the condition till timer t_Lowerbound is expired.
2. TS 34.123-1 specifies to check at step 3a that IE 'Measured Results on RACH' is included in RRC Connection Request message and is in accordance with SIB 11 but there is no check for this in TTCN.
3. TS 34.123-1 specifies "UE system specific capabilities" needs to be checked at step 6 but there is no check for this in TTCN. The UE shall include IE "UE system specific capabilities" only if the UE supports both UMTS and GSM. In case of UMTS only mobile IE "UE system specific capabilities" shall be OMIT.

Summary of change: ⌘

1. Incremented Indentation of Line #3 and removed Line #4 of local tree It_Local1 since UE has to check for the condition that IE 'UE Specific Behaviour Information 1 idle' is not included in the received 'RRC CONNECTION REQUEST' message till the message is received.
2. Line #2 of local tree It_Local1 is modified by replacing cdr_RRC_ConnReqUE_Id with cdr_RRC_ConnReqRACH_IntraFrequencyReportingQuantity to check that the IE 'Measured Results on RACH' is included in RRC Connection Request message and is in accordance with SIB 11.
3. Line #20 is replaced with a new local tree It_Receive_RRC_ConnSetupCmpl to check the IE "UE system specific capabilities" is included in the message 'RRC CONNECTION SETUP COMPLETE' if the UE supports both UMTS and

GSM or the IE "UE system specific capabilities" is OMIT in the message 'RRC CONNECTION SETUP COMPLETE' if the UE supports only UMTS.

Consequences if not approved: ⌘ Test case may pass in a non compliant UE (affects RRC testcase 8_1_2_1).

Clauses affected: ⌘

	Y	N		⌘
Other specs affected:	<input type="checkbox"/>	<input checked="" 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: ⌘

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 Local tree It_Local1 of tc_8_1_2_1.
Reason for change	<ol style="list-style-type: none"> TS 34.123-1 specifies to check at step 3a that the IE 'UE Specific Behaviour Information 1 idle' is not included in the received 'RRC CONNECTION REQUEST' message. The SS only listens for this condition until the timer T300 has expired and it should wait until the correct message is received. In the current TTCN implementation SS only checks for the condition till timer t_Lowerbound is expired. TS 34.123-1 specifies to check at step 3a that IE 'Measured Results on RACH' is included in RRC Connection Request message and is in accordance with SIB 11 but there is no check for this in TTCN.
Summary of change	<ol style="list-style-type: none"> Incremented Indentation of Line #3 and removed Line #4 of local tree It_Local1 since UE has to check for the condition that IE 'UE Specific Behaviour Information 1 idle' is not included in the received 'RRC CONNECTION REQUEST' message till the message is received. Line #2 of local tree It_Local1 is modified by replacing cdr_RRC_ConnReqUE_Id with cdr_RRC_ConnReqRACH_IntraFrequencyReportingQuantity to check that the IE 'Measured Results on RACH' is included in RRC Connection Request message and is in accordance with SIB 11.
Source of change	New change

Before:

It_Local1					
0		? TIMEOUT t_LowerBound			
1	TBP2	TM?RLC_TR_DATA_IND (tcv_InitialUE_Id = RLC_TR_DATA_IND.M_message.ul_CCCH_Message.message.rcConnectionRequest.initialUE_Identity)	car_RRC_ConnReq (tsc_C (P) eIA, tsc_RB0, cdr_RRC_ConnReqUE_Id (tcv_RRC_EstCaUMO))		step 3
0	TBF2	TM?RLC_TR_DATA_IND	car_RRC_ConnReq (tsc_C (F) eIA, tsc_RB0, cdr_RRC_ConnReqUE_Id_nonCriticalExtensionFail (*))		fail, if IE "UE specific Behaviour Information 1 idle" is included
1		CANCEL t_LowerBound			

After :

It_Local1					
0		? TIMEOUT t_LowerBound			
1	TBP2	TM?RLC_TR_DATA_IND (tcv_InitialUE_Id = RLC_TR_DATA_IND.M_message.ul_CCCH_Message.message.rcConnectionRequest.initialUE_Identity)	car_RRC_ConnReq (tsc_C (P) eIA, tsc_RB0, cdr_RRC_ConnReqRACH_IntraFrequencyReportingQuantity (tcv_RRC_EstCaUMO))		step 3
1	TBF2	TM?RLC_TR_DATA_IND	car_RRC_ConnReq (tsc_C (F) eIA, tsc_RB0, cdr_RRC_ConnReqUE_Id_nonCriticalExtensionFail (*))		fail, if IE "UE specific Behaviour Information 1 idle" is included

Local Tree and Test step	In Local tree It_Local1 of tc_8_1_2_1.
Reason for change	TS 34.123-1 specifies "UE system specific capabilities" need to be checked at step 6 but there is no check for this in TTCN. The UE shall include IE "UE system specific capabilities" only if the UE supports both UMTS and GSM. In case of UMTS only mobile IE "UE system specific capabilities" shall be OMIT.
Summary of change	<ol style="list-style-type: none"> Line #20 is replaced with a new local tree It_Receive_RRC_ConnSetupCmpl to check the IE "UE system specific

	capabilities” is included in the message ‘RRC CONNECTION SETUP COMPLETE’ if the UE supports both UMTS and GSM or the IE “UE system specific capabilities” is OMIT in the message ‘RRC CONNECTION SETUP COMPLETE’ if the UE supports only UMTS.
Source of change	New change

Before:

18		+It_LocalI			Retransmission of RRC Connection Request step 3
19		UMIRLC_UM_DATA_REQ	cas_RRC_ConnSetup(tsc_Cella, tsc_RB0, cbs_108_RRC_ConnSetupDCH (tcv_initialUE_Id, tcv_RRC_Ti, tcv_CellInfoA.priScrmCode, tcv_CellInfoA.uRNTI, tcv_CellInfoA.uL_ScramblingCode))		step 4
20	TBP3	AM?RLC_AM_DATA_IND (tcv_StartList = RLC_AM_DATA_IND.am_message.uL_DCCH_Message.message.mcConnectionSetupComplete.startList)	car_RRC_ConnSetupCmpl (P) (tsc_CellDedicated, tsc_RB2, cr_RRC_RrcConnSetupCmplRadioCap (tcv_RRC_Ti, cr_RadioAccessCapabilityDef(tcv_PDCP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Reception, (cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability, integrityProtectionAlgorithmCap tsc_IntegrProtAligCap)), *))		step 6
21		+ It_GetHFN			Dwonload start security
22		(tcv_CellInfoA.cellConfig => cell_DCH_StandAloneSRB)			
23		+ ts_NAS_ConnRejectMO (tsc_Cella)			
24		+ ts_C3_CheckCellDCH_NoNAS (tsc_Cella)			step 7

After:

18		+It_LocalI			Retransmission of RRC Connection Request step 3
19		UMIRLC_UM_DATA_REQ	cas_RRC_ConnSetup(tsc_Cella, tsc_RB0, cbs_108_RRC_ConnSetupDCH (tcv_initialUE_Id, tcv_RRC_Ti, tcv_CellInfoA.priScrmCode, tcv_CellInfoA.uRNTI, tcv_CellInfoA.uL_ScramblingCode))		step 4
20		+ It_Receive_RRC_ConnSetupCmpl			step 6
21		+ It_GetHFN			Dwonload start security
22		(tcv_CellInfoA.cellConfig => cell_DCH_StandAloneSRB)			
23		+ ts_NAS_ConnRejectMO (tsc_Cella)			
24		+ ts_C3_CheckCellDCH_NoNAS (tsc_Cella)			step 7

It_Receive_RRC_ConnSetupCmpl				
0		[pc_UMTS_GSM = TRUE]		
1		AM?RLC_AM_DATA_IND (tcv_StartList => RLC_AM_DATA_IND.am_message.ul_DCCH_Message.message.mcConnectionSetupComplete.startList)	car_RRC_ConnSetupCmpl (P) (tsc_CellDedicated , tsc_RB2 , cr_RRC_RrcConnSetupCmplRadioCap (tcv_RRC_Ti , cr_RadioAccessCapabilityDef(tcv_PDCP_Capability , tcv_DL_TurboSupport , tcv_UL_TurboSupport , tcv_SimultaneousSCCPCH_DPCH_Reception , (cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability , integrityProtectionAlgorithmCap tsc_IntegrProtAlgCap)) , ?))	step 6
0		[TRUE]		
1		AM?RLC_AM_DATA_IND (tcv_StartList => RLC_AM_DATA_IND.am_message.ul_DCCH_Message.message.mcConnectionSetupComplete.startList)	car_RRC_ConnSetupCmpl (P) (tsc_CellDedicated , tsc_RB2 , cr_RRC_RrcConnSetupCmplRadioCap (tcv_RRC_Ti , cr_RadioAccessCapabilityDef(tcv_PDCP_Capability , tcv_DL_TurboSupport , tcv_UL_TurboSupport , tcv_SimultaneousSCCPCH_DPCH_Reception , (cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability , integrityProtectionAlgorithmCap tsc_IntegrProtAlgCap)) , OMIT))	step 6

CHANGE REQUEST

⌘ **TS 34.123-3 CR 348** ⌘ rev **-** ⌘ Current version: **3.5.0** ⌘

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

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

Title:	⌘ Correction to Approved RRC Package 1 TC 8.3.4.1		
Source:	⌘ Ericsson		
Work item code:	⌘ TEI	Date:	⌘ 22/03/2004
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	⌘	<ol style="list-style-type: none"> TC 8.3.4.1 should according to the prose description under specific message contents use the default SIB 11. But in TTCN a local test step +lt_GotoState6_9_Or6_10_MO (tsc_CellA) is called and from there the test step: +ts_SendSysInfoWithSpecialSIB11 is called with the constraint cd_SIB11_Tc_8_3_4. In the constraint cd_SIB11_Tc_8_3_4 the triggering condition for event 1a is changed from the default value "Monitored set cells" to the value "activeSetAndMonitoredSetCells". This value leads to unspecified UE behaviour according to clause 10.3.7.39 in TS 25.331: "In this version of the specification, the UE behaviour is unspecified when using a triggering condition "Active set cells" or "Active set cells and monitored set cells" for the intra-frequency events 1a or 1e". The specific message contents for step 3 states that the IE DPCH frame offset should be "Calculated value from Cell synchronisation information" in step 2. But this is not done in TTCN.
Summary of change:	⌘	<ol style="list-style-type: none"> Test step: +lt_GotoState6_9_Or6_10_MO (tsc_CellA) replaced with test step: +pr_GotoState6_9_Or6_10_MO (tsc_CellA) . IE Cell Synchronisation information saved and used in the calculation of DPCH frame offset.
Consequences if not approved:	⌘	TC will fail a conformant UE.

Clauses affected:	⌘ tc_8_3_4_1				
Other specs	⌘				
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications ⌘	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				

affected:

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

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

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Below is a brief summary:

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

Before:

tc_8_3_4_1

Test Case Name	tc_8_3_4_1				
Group	RRC/RRC_ActSetUpdate/				
Purpose	To confirm that the UE continues to communicate with the SS on both the additional radio link and an already existing radio link after the radio link addition.				
Configuration					
Default	RRC_Def1				
Comments					
Selection Ref	FDD_Mode				
Description	Active set update in soft handover: Radio Link addition				
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START t_Guard			
2		+It_RRC_InitVariables			Initial Test Case Variables
3		+It_GotoState6_9_Or6_10_MO (tsc_CellA)			Initial conditions: DCH state is either PS or CS according to TS 34.108 clause 7.4
				
		It_GotoState6_9_Or6_10_MO (p_CellId :INTEGER)			
42		[px_RAT =fdd]			FDD specific behaviour
43		+ ts_SS_CreateCellDCH (p_CellId)			Configure lower tester
44		+ ts_SendSysInfoWithSpecialSIB11 (p_CellId, cd_SIB11_Tc_8_3_4 (tcv_CellInfoA , tcv_CellInfoB , tcv_CellInfoC , tcv_CellInfoG , tcv_CellInfoH , tcv_CellInfoD , tcv_CellInfoE , tcv_CellInfoF))			Sends the default system information in CellA
45		+ ts_IdleUpdated (p_CellId)			
				
		It_ReceiveMeasurementReportCellB_ e1a			

57	TBPS1	<p><u>AM ? RLC_AM_DATA_IND</u> <u>CANCEL t_WaitMS</u></p>	<p><u>car_Measurement</u> <u>Report</u> (<u>tsc_CellDedicated</u>, <u>tsc_RB2</u>, <u>cr_108_MeasReport</u> <u>IntraFreq_8_3_e1a</u> (1, <u>tcv_CellInfoB</u>.priSc rmCode, <u>c_CellSynchronisat</u> <u>ionInformation</u>, <u>tcv_CellInfoA</u>.priSc rmCode, OMIT, <u>tcv_CellInfoB</u>.priSc rmCode))</p>	(P)	Cell B, A order
58	TBPS2	<p><u>AM ? RLC_AM_DATA_IND</u> <u>CANCEL t_WaitMS</u></p>	<p><u>car_Measurement</u> <u>Report</u> (<u>tsc_CellDedicated</u>, <u>tsc_RB2</u>, <u>cr_108_MeasReport</u> <u>IntraFreq_8_3_e1a</u> (1, <u>tcv_CellInfoA</u>.priSc rmCode, OMIT, <u>tcv_CellInfoB</u>.priSc rmCode, <u>c_CellSynchronisat</u> <u>ionInformation</u>, <u>tcv_CellInfoB</u>.priSc rmCode))</p>	(P)	Cell A, B order
				

After:

tc_8_3_4_1

Test Case Name	tc_8_3_4_1				
Group	RRC/RRC_ActSetUpdate/				
Purpose	To confirm that the UE continues to communicate with the SS on both the additional radio link and an already existing radio link after the radio link addition.				
Configuration					
Default	RRC_Def1				
Comments					
Selection Ref	FDD_Mode				
Description	Active set update in soft handover: Radio Link addition				
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START t_Guard			
2		+It_RRC_InitVariables			Initial Test Case Variable
3		+pr_GotoState6_9_Or6_10_MO (tsc_CellA)			Initial conditions: DCH state either PS or CS according to 34.108 clause 7.4
				
		It_GotoState6_9_Or6_10_MO (p_CellId :INTEGER)			
42		[px_RAT=fdd]			FDD specific behaviour
43		+ts_SS_CreateCellDCH (p_CellId)			Configure lower tester
44		+ts_SendSysInfoWithSpecialSIB11 (p_CellId, cd_SIB11_Tc_8_3_4 (tcv_CellInfoA , tcv_CellInfoB , tcv_CellInfoC , tcv_CellInfoG , tcv_CellInfoH , tcv_CellInfoD , tcv_CellInfoE , tcv_CellInfoF))			Sends the default system information in CellA
45		+ts_IdleUpdated (p_CellId)			
				
		It_ReceiveMeasurementReportCellB_e1a			
57	TBPS 1	AM ? RLC_AM_DATA_IND (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DCH_Message.message.measurementReport.measuredResults.intraFreqMeasuredResults.List[0].cellSynchronisationInfo.modeSpecificInfo.fdd.tm)	car_MeasurementReport (tsc_CellDedicated , tsc_RB2 , cr_108_MeasReportIntraFreq_8_3_e1a (1,	(P)	Cell B, A order

		CANCEL t_WaitMS	tcv_CellInfoB .priSc mCode, c_CellSynchronisati onInformation , tcv_CellInfoA .priSc mCode, OMIT, tcv_CellInfoB .priSc mCode)		
58	TBPS 2	AM ? RLC_AM_DATA_IND (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DCC H_Message.message.measurementReport. measuredResults.intraFreqMeasuredResults List.[0].cellSynchronisationInfo.modeSpecific Info.fdd.tm) CANCEL t_WaitMS	car_MeasurementR eport (tsc_CellDedicated , tsc_RB2 , cr_108_MeasRepor tIntraFreq_8_3_e1a (1, tcv_CellInfoA .priSc (P) mCode, OMIT, tcv_CellInfoB .priSc mCode, c_CellSynchronisati onInformation , tcv_CellInfoB .priSc mCode))	(P)	Cell A, B order

New TC variable:

tcv_Tm

Variable Name	Tcv_Tm
Type	Tm
Value	0
Comments	Tm in cellSynchronisationInfo

Before:

ts_SHO_ConfigureAdditionalDL_DPCH

Test Step Name	ts_SHO_ConfigureAdditionalDL_DPCH (p_CellId : INTEGER)					
Group	RRCM_SHO_Steps/					
Objective	To configure an additional radio link (DL DPCH).					
Default	SS_Def					
Comments	<p>This test step shall be used during Active Set Update test cases (soft handover tests, SHO) in order to add an additional DL radio link to the SS configuration.</p> <p>In order to release a radio link at the SS side, use test step ts_SHO_ReleaseDL_DPCH.</p> <p>The additional radio link shall be configured according to default settings, and needs to be consistent with the configuration of radio links already established.</p> <p>All DL DPCHs configured shall be referred via the tsc_DL_DPCH1 identifier, which will be used by the SS to do the appropriate mappings to the MAC-d entity.</p>					
Description						
Nr	Label	Behaviour	Description	Constraints Ref	Verdict	Comments
					
19		CPHY!CPHY_RL_Setup_REQ		ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_122_AMR (c_DL_CommonInformationRB_SetUpSpeech (tsc_DL_DPCH1_SFP_Speech), tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
					
23		CPHY!CPHY_RL_Setup_REQ		ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_64K_CS (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_CS), tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
					
27		CPHY!CPHY_RL_Setup_REQ		ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_64K_CS (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_Streaming), tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
					
31		CPHY!CPHY_RL_Setup_REQ		ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_64K_PS _(

			c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_PS), tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
				
Detailed Comments					

After:

ts_SHO_ConfigureAdditionalDL_DPCH

Test Step Name	ts_SHO_ConfigureAdditionalDL_DPCH (p_CellId : INTEGER)					
Group	RRCM_SHO_Steps/					
Objective	To configure an additional radio link (DL DPCH).					
Default	SS_Def					
Comments	<p>This test step shall be used during Active Set Update test cases (soft handover tests, SHO) in order to add an additional DL radio link to the SS configuration.</p> <p>In order to release a radio link at the SS side, use test step ts_SHO_ReleaseDL_DPCH.</p> <p>The additional radio link shall be configured according to default settings, and needs to be consistent with the configuration of radio links already established.</p> <p>All DL DPCHs configured shall be referred via the tsc_DL_DPCH1 identifier, which will be used by the SS to do the appropriate mappings to the MAC-d entity.</p>					
Description						
Nr	Label	Behaviour	Description	Constraints Ref	Verdict	Comm
					
19		CPHY!CPHY_RL_Setup_REQ		ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_122_AMR_calc_DPCH_FrameOffset (c_DL_CommonInformationRB_SetUpSpeech (tsc_DL_DPCH1_SFP_Speech), tcv_Tm, tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
					
23		CPHY!CPHY_RL_Setup_REQ		ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_64K_CS_calc_DPCH_FrameOffset (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_CS), tcv_Tm, tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		

				
27		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_Streaming_calc_DPCH_FrameOffset (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_Streaming), tcv_Tm, tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
				
31		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_64K_PS_calc_DPCH_FrameOffset (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_PS), tcv_Tm, tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
				

Detailed Comments

Before:

ts_TransmitActiveSetUpdateAdd

Test Step Name	ts_TransmitActiveSetUpdateAdd (p_CellToAdd : INTEGER)				
Group	RRCM_SHO_Steps/				
Objective	To Transmit Active Cell Update message, to add the cell passed as parameter				
Default					
Comments					
Description					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
				
3		AM! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated, tsc_RB2, cs_ActSetUpdateAdd (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT,		ACTIVE SET UPDATE message including "Radio Link Addition Information"

			tcv_TmpCellInfo.priScrmCode , tsc_DL_DPCH1_ChC_Speech , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
4		[tcv_RRC_RAB_Type = cell_DCH_64kCS_RAB_SRB]			
5		AM! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd (tcv_CellIndInfo.dl_IntegrityCheckInfo , tcv_RRC_TI , OMIT, tcv_TmpCellInfo.priScrmCode , tsc_DL_DPCH1_ChC_64k_CS , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		ACTIVE SET UPDATE message including "Radio Link Addition Information"
6		[tcv_RRC_RAB_Type = cell_DCH_57_6kCS_RAB_SRB]			
7		AM! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd (tcv_CellIndInfo.dl_IntegrityCheckInfo , tcv_RRC_TI , OMIT, tcv_TmpCellInfo.priScrmCode , tsc_DL_DPCH1_ChC_Streaming , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		ACTIVE SET UPDATE message including "Radio Link Addition Information"
8		[tcv_RRC_RAB_Type = cell_DCH_64kPS_RAB_SRB]			
9		AM! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd (tcv_CellIndInfo.dl_IntegrityCheckInfo ,		ACTIVE SET UPDATE message including "Radio Link

			tcv_RRC_Ti , OMIT, tcv_TmpCellInfo.priScrmCode , tsc_DL_DPCH1_ChC_64k_PS , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		Addition Information"
10	ERR	[TRUE]			Programming error

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

After:

ts_TransmitActiveSetUpdateAdd

Test Step Name	ts_TransmitActiveSetUpdateAdd (p_CellToAdd : INTEGER)				
Group	RRCM_SHO_Steps/				
Objective	To Transmit Active Cell Update message, to add the cell passed as parameter				
Default					
Comments					
Description					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		+ ts_SetTmpCellInfo (p_CellToAdd)			
2		[tcv_RRC_RAB_Type = cell_DCH_Speech]			
3		AM! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd (tcv_CellIndInfo.dl_IntegrityCheckInfo , tcv_RRC_Ti , OMIT, tcv_TmpCellInfo.priScrmCode , tcv_Tm , tsc_DL_DPCH1_ChC_Speech , tcv_TmpCellInfo.dl_DPCH_2ndScrCode		ACTIVE SET UPDATE message including "Radio Link Addition Information"

))		
4		[tcv_RRC_RAB_Type = cell_DCH_64kCS_RAB_SRB]			
5		AM! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd (tcv_CellIndInfo.dl_IntegrityCheckInfo , tcv_RRC_Ti , OMIT, tcv_TmpCellInfo.priScrmCode , tcv_Tm , tsc_DL_DPCH1_ChC_64k_CS , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		ACTIVE SET UPDATE message including "Radio Link Addition Information"
6		[tcv_RRC_RAB_Type = cell_DCH_57_6kCS_RAB_SRB]			
7		AM! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd (tcv_CellIndInfo.dl_IntegrityCheckInfo , tcv_RRC_Ti , OMIT, tcv_TmpCellInfo.priScrmCode , tcv_Tm , tsc_DL_DPCH1_ChC_Streaming , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		ACTIVE SET UPDATE message including "Radio Link Addition Information"
8		[tcv_RRC_RAB_Type = cell_DCH_64kPS_RAB_SRB]			
9		AM! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd (tcv_CellIndInfo.dl_IntegrityCheckInfo , tcv_RRC_Ti ,		ACTIVE SET UPDATE message including "Radio Link Addition

			OMIT, tcv_TmpCellInfo.priScrmCode , tcv_Tm , tsc_DL_DPCH1_ChC_64k_PS , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		Information"
10	ERR	[TRUE]			Programming error

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

Before:

cs_ActSetUpdateAdd

Constraint Name	cs_ActSetUpdateAdd (p_IntegrityCheckInfo : IntegrityCheckInfo ; p_RRC_TI : RRC_TransactionIdentifier ; p_Act_time : ActivationTime ; p_PrimScramblingCode : PrimaryScramblingCode ; p_Sf : SF512_AndCodeNumber ; p_SecondaryScramblingCode : SecondaryScramblingCode)
PDU Type	DL_DCCH_Message
Derivation Path	
Encoding Rule Name	
Encoding Variation	
Comments	
Constraint Value	<pre>{ integrityCheckInfo p_IntegrityCheckInfo, message activeSetUpdate: r3:{ activeSetUpdate_r3 { --ActiveSetUpdate_r3_IEs, rrc_TransactionIdentifier p_RRC_TI, activationTime p_Act_time, newU_RNTI OMIT,</pre>

```

cn_InformationInfo OMIT,
maxAllowedUL_TX_Power OMIT,
rl_AdditionInformationList {{ primaryCPICH_Info { primaryScramblingCode
p_PrimScramblingCode },
dl_DPCH_InfoPerRL fdd: {
  pCPICH_UsageForChannelEst mayBeUsed,
  dpch_FrameOffset (( ( tsc_DefaultDPCH_OffsetValue*512 ) MOD 38400) / 256 ),
  -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400
  -- Actual value DPCH-FrameOffset = IE value * 256
  -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 ,
  secondaryCPICH_Info OMIT,
  dl_ChannelisationCodeList {{ --DL_ChannelisationCode
    secondaryScramblingCode p_SecondaryScramblingCode,
    sf_AndCodeNumber p_Sf,
    scramblingCodeChange noCodeChange
  }},
  tpc_CombinationIndex 0,
  ssdt_CellIdentity OMIT,
  closedLoopTimingAdjMode OMIT
},
  tfci_CombiningIndicator FALSE,
  sccpch_InfoforFACH OMIT
}},
rl_RemovalInformationList OMIT,
tx_DiversityMode noDiversity,
ssdt_Information OMIT
},
laterNonCriticalExtensions OMIT
}
}

```

Detailed Comments

After:

cs_ActSetUpdateAdd

Constraint Name	cs_ActSetUpdateAdd (
------------------------	--------------------------------------

	<p>p_IntegrityCheckInfo : IntegrityCheckInfo; p_RRC_TI: RRC_TransactionIdentifier; p_Act_time: ActivationTime; p_PrimScramblingCode : PrimaryScramblingCode; p_Tm: Tm; p_Sf: SF512_AndCodeNumber; p_SecondaryScramblingCode : SecondaryScramblingCode)</p>
PDU Type	DL_DCCH_Message
Derivation Path	
Encoding Rule Name	
Encoding Variation	
Comments	
Constraint Value	
<pre> { integrityCheckInfo p_IntegrityCheckInfo, message activeSetUpdate: r3:{ activeSetUpdate_r3 { --ActiveSetUpdate_r3_IEs, rrc_TransactionIdentifier p_RRC_TI, activationTime p_Act_time, newU_RNTI OMIT, cn_InformationInfo OMIT, maxAllowedUL_TX_Power OMIT, rl_AdditionInformationList {{ primaryCPICH_Info { primaryScramblingCode p_PrimScramblingCode }, dl_DPCH_InfoPerRL fdd: { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset (((p_Tm+128) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , secondaryCPICH_Info OMIT, dl_ChannelisationCodeList {{ --DL_ChannelisationCode secondaryScramblingCode p_SecondaryScramblingCode, sf_AndCodeNumber p_Sf, scramblingCodeChange noCodeChange }}, tpc_CombinationIndex 0, </pre>	

```

    ssdt_CellIdentity OMIT,
    closedLoopTimingAdjMode OMIT
  },
  tfci_CombiningIndicator FALSE,
  sccpch_InfoforFACH OMIT
}},
rl_RemovalInformationList OMIT,
tx_DiversityMode noDiversity,
ssdt_Information OMIT
},
laterNonCriticalExtensions OMIT
}
}

```

Detailed Comments

New constraint:

cb_DL_DPCH_122_AMR_calc_DPCH_FrameOffset

Constraint Name	cb_DL_DPCH_122_AMR_calc_DPCH_FrameOffset (p_DL_CommonInformation : DL_CommonInformation; p_Tm : Tcell; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group	
Type Name	DL_DPCHInfo
Derivation Path	
Encoding Variation	
Comments	
Constraint Value	<pre> { dl_CommonInformation p_DL_CommonInformation, dl_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset (((p_Tm+128) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , dl_ChannelisationCodeList { { secondaryScramblingCode p_SecondaryScramblingCode, </pre>

<pre> sf_AndCodeNumber tsc_DL_DPCH1_ChC_Speech }}, tpc_CombinationIndex 0 }, powerOffsetOfTFCI_PO1 tsc_DPCH_PowerOffsetTFCI, powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC, powerOffsetOfPILOT_PO3 tsc_DPCH_PowerOffsetPILOT, dl_TxPower tsc_DL_TxPower_DPCH, dl_TxPowerMax 15, dl_TxPowerMin -35 } </pre>
Detailed Comments

New constraint:

cb_DL_DPCH_64K_CS_calc_DPCH_FrameOffset

Constraint Name	cb_DL_DPCH_64K_CS_calc_DPCH_FrameOffset (p_DL_CommonInformation : DL_CommonInformation; p_Tm : Tcell ; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group	
Type Name	DL_DPCHInfo
Derivation Path	
Encoding Variation	
Comments	
Constraint Value	<pre> { dl_CommonInformation p_DL_CommonInformation, dl_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset (((p_Tm+128) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , dl_ChannelisationCodeList { {secondaryScramblingCode p_SecondaryScramblingCode , sf_AndCodeNumber tsc_DL_DPCH1_ChC_64k_CS }}, } </pre>

```

tpc_CombinationIndex 0
},
powerOffsetOfTFCl_PO1 tsc_DPCH_PowerOffsetTFCl,
powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC,
powerOffsetOfPILOT_PO3 tsc_DPCH_PowerOffsetPILOT,
dl_TxPower tsc_DL_TxPower_DPCH,
dl_TxPowerMax 15,
dl_TxPowerMin -35
}

```

Detailed Comments

New constraint:

cb_DL_DPCH_64K_PS_calc_DPCH_FrameOffset

Constraint Name	cb_DL_DPCH_64K_PS_calc_DPCH_FrameOffset (p_DL_CommonInformation : DL_CommonInformation; p_Tm : Tcell ; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group	
Type Name	DL_DPCHInfo
Derivation Path	
Encoding Variation	
Comments	

```

Constraint Value
{
dl_CommonInformation p_DL_CommonInformation,
dl_DPCH_InfoPerRL fdd : {
pCPICH_UsageForChannelEst mayBeUsed,
dpch_FrameOffset (( (p_Tm+128 ) MOD 38400) / 256 ),
-- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400
-- Actual value DPCH-FrameOffset = IE value * 256
-- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 ,
dl_ChannelisationCodeList { {secondaryScramblingCode p_SecondaryScramblingCode ,
sf_AndCodeNumber tsc_DL_DPCH1_ChC_64k_PS
}},
tpc_CombinationIndex 0
},
}

```


<pre> powerOffsetOfTFCl_PO1 tsc_DPCH_PowerOffsetTFCl, powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC, powerOffsetOfPILOT_PO3 tsc_DPCH_PowerOffsetPILOT, dl_TxPower tsc_DL_TxPower_DPCH, dl_TxPowerMax 15, dl_TxPowerMin -35 } </pre>
Detailed Comments

New constraint:

cb_DL_DPCH_Streaming_calc_DPCH_FrameOffset

Constraint Name	cb_DL_DPCH_Streaming_calc_DPCH_FrameOffset (p_DL_CommonInformation : DL_CommonInformation; p_Tm : Tcell; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group	
Type Name	DL_DPCHInfo
Derivation Path	
Encoding Variation	
Comments	
Constraint Value	<pre> { dl_CommonInformation p_DL_CommonInformation, dl_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset (((p_Tm+128) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , dl_ChannelisationCodeList { { secondaryScramblingCode p_SecondaryScramblingCode, sf_AndCodeNumber tsc_DL_DPCH1_ChC_Streaming } }, tpc_CombinationIndex 0 }, powerOffsetOfTFCl_PO1 tsc_DPCH_PowerOffsetTFCl, powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC, </pre>

<pre><u>powerOffsetOfPILOT_PO3 tsc_DPCH_PowerOffsetPILOT,</u> <u>dl_TxPower tsc_DL_TxPower_DPCH,</u> <u>dl_TxPowerMax 15,</u> <u>dl_TxPowerMin -35</u> }</pre>
Detailed Comments

CHANGE REQUEST

⌘ **TS 34.123-3 CR 347** ⌘ rev **-** ⌘ Current version: **3.5.0** ⌘

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

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

Title:	⌘ Correction to Approved RRC Package 1 TC 8.3.4.2 and 8.3.4.3		
Source:	⌘ Ericsson		
Work item code:	⌘ TEI	Date:	⌘ 02/04/2004
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2	(GSM Phase 2)
	A (corresponds to a correction in an earlier release)	R96	(Release 1996)
	B (addition of feature),	R97	(Release 1997)
	C (functional modification of feature)	R98	(Release 1998)
	D (editorial modification)	R99	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-4	(Release 4)
		Rel-5	(Release 5)
		Rel-6	(Release 6)

Reason for change:	⌘	<ol style="list-style-type: none"> The specific message contents for Active Set Update messages states that the IE DPCH frame offset should be "Calculated value from Cell synchronisation information". But this is not done in TTCN. In the prose for TC 8.3.4.1-8.3.4.3 the test procedure sets at some occasions some cell to "OFF", but the procedure used in TTCN decreases the cell power to -90dBm instead. Therefore the prose for the test cases needs to be aligned with the TTCN implementation as well as the TTCN has to be changed to not remove the DPCH of the cell. With these changes the prose and TTCN will be aligned.
Summary of change:	⌘	<ol style="list-style-type: none"> IE Cell Synchronisation information saved and used in the calculation of DPCH frame offset. In TC 8.3.4.3: After step 4 in prose DPCH for Cell B shall be removed, but in TTCN at row 28 the DPCH for Cell A is removed. Then at step 37 the DPCH for Cell A is configured, this step can be removed. At step 38 in TTCN the DPCH for Cell C is removed, this is an unnecessary step as the cell power is reduced to -90dBm.
Consequences if not approved:	⌘	TC will fail a conformant UE.

Clauses affected:	⌘	tc_8_3_4_2, tc_8_3_4_3								
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;">X</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications ⌘ Test specifications ⌘ O&M Specifications ⌘	Y	N	X	X	X	X	X	X
Y	N									
X	X									
X	X									
X	X									

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

How to create CRs using this form:

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

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

Before:

tc_8_3_4_2

Test Case Name	tc_8_3_4_2		
Group	RRC/RRC_ActSetUpdate/		
Purpose	1. To confirm that the UE continues to communicate with the SS on the link removal on the active set. 2. To confirm that the UE is not using the removed radio link to con		
Configuration			
Default	RRC_Def1		
Comments			
Selection Ref	FDD_Mode		
Description	Active set update in soft handover: Radio Link removal		
Nr	Label	Behaviour Description	Constraints Ref
1		START t_Guard	
2		+lt_RRC_InitVariables	
		
		lt_ReceiveMeasurementReportCellB_e1a	
49	TBPS1	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_MeasurementReport (tsc_CellDedicated , tsc_RB2 , cr_108_MeasReportIntraFre tcv_CellInfoB.priScrmCode c_CellSynchronisationInfo tcv_CellInfoA.priScrmCode tcv_CellInfoB.priScrmCode))
50	TBPS2	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_MeasurementReport (tsc_CellDedicated , tsc_RB2 , cr_108_MeasReportIntraFre tcv_CellInfoA.priScrmCode tcv_CellInfoB.priScrmCode c_CellSynchronisationInfo tcv_CellInfoB.priScrmCode
51	TBF1	? TIMEOUT t_WaitMS	
Detailed Comments			

After:

tc_8_3_4_2

Test Case Name	tc_8_3_4_2	
Group	RRC/RRC_ActSetUpdate/	
Purpose	1. To confirm that the UE continues to communicate with the SS on the radio link removal on the active set. 2. To confirm that the UE is not using the removed radio link to communicate.	
Configuration		
Default	RRC_Def1	
Comments		
Selection Ref	FDD_Mode	
Description	Active set update in soft handover: Radio Link removal	
Nr	Label	Behaviour Description
1		START t_Guard
2		+lt_RRC_InitVariables
	
		lt_ReceiveMeasurementReportCellB_e1a
49	TBPS1	<p>AM ? RLC_AM_DATA_IND (tcv_Tm :=</p> <p>RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.measurementReport.measuredResults.intraFreqMeasuredResultsList.[0].cellSynchronisationInfo.modeSpecificInfo.fdd</p> <p>CANCEL t_WaitMS</p>
50	TBPS2	<p>AM ? RLC_AM_DATA_IND (tcv_Tm :=</p> <p>RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.measurementReport.measuredResults.intraFreqMeasuredResultsList.[1].cellSynchronisationInfo.modeSpecificInfo.fdd</p> <p>CANCEL t_WaitMS</p>
51	TBF1	? TIMEOUT t_WaitMS
Detailed Comments		

Before:

tc_8_3_4_3

Test Case Name	tc_8_3_4_3
Group	RRC/RRC_ActSetUpdate/

Purpose	1. To confirm that the UE continues to communicate with the SS on the radio link and removes radio link which exists prior to the execution of active set update procedure.			
Configuration				
Default	RRC_Def1			
Comments				
Selection Ref	FDD_Mode			
Description	Active set update in soft handover: Combined radio link addition and			
Nr	Label	Behaviour Description	Constraints Ref	Verdict (C)
1		START t_Guard		
2		+lt_RRC_InitVariables		
			
27	TBP3	RLC_AM_DATA_IND CANCEL t_WaitMS	AM ? car_ActSetUpdateCmpl (tsc_CellDedicated , tsc_RB2 , cr_108_ActSetUpdateCmpl (tcv_RRC_Ti))	(P)
28		+ ts_SHO_ReleaseDL_DPCH (tsc_Cella)		
29		+ ts_SS_DecrementCellPowerLevel (tsc_Cella , 30)		
30		+ ts_SS_DecrementCellPowerLevel (tsc_CellB , 30)		
31		+lt_ReceiveMeasurementReportCell CAB_e1b		
32		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityEngy (tsc_CellDedicated , tsc_RB2 , cs_108_UE_CapabilityEng (tcv_CellIndInfo.dl_IntegrityCh eckInfo , tcv_RRC_Ti))	
33		START t_WaitMS		
34	TBF4	? TIMEOUT t_WaitMS		(F)
35	TBP4	AM?RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoAM (tsc_CellDedicated , tsc_RB2 , cr_108_UE_CapabilityInfoAM (? , ? , *))	(P)
36		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityInfoCnfAM (tsc_CellDedicated , tsc_RB2 , cs_108_UE_CapabilityInfoCnfAM (

			tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))		
37		+ts_SHO_ConfigureAdditionalDL_DPCH (tsc_CellA)			
38		+ts_SHO_ReleaseDL_DPCH (tsc_CellC)			
39		+lt_RecvUeCap			
		lt_RecvUeCap			
40		+ts_SS_IncrementCellPowerLevel (tsc_CellA ,30)			
41		+ts_SS_IncrementCellPowerLevel (tsc_CellB ,20)			
42		+ts_SS_DecrementCellPowerLevel (tsc_CellC ,30)			
43		+lt_ReceiveMeasurementReportCellABC_e1b			
44		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityEngy(tsc_CellDedicated, tsc_RB2, cs_108_UE_CapabilityEng (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))		
45		START t_WaitMS			
46	TBF5	? TIMEOUT t_WaitMS		(F)	
47	TBP5	AM?RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoAM (tsc_CellDedicated, tsc_RB2, cr_108_UE_CapabilityInfoAM (?,?,*))	(P)	
48		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityInfoCnfAM (tsc_CellDedicated, tsc_RB2, cs_108_UE_CapabilityInfoCnfAM (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti))		
		lt_RRC_InitVariables			
49		+ts_RRC_InitVariables (cell_DCH)			
50		(tcv_CellInfoA.attenuationLevel := tsc_AttLevToPower60_dBm, tcv_CellInfoB.attenuationLevel			

		:= tsc_AttLevToPower80_dBm , tcv_CellInfoC.attenuationLevel := tsc_AttLevToPower80_dBm)		
		lt_ReceiveMeasurementReportCellB _ela		
51	TBPS1	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_MeasurementReport (tsc_CellDedicated , tsc_RB2 , cr_108_MeasReportIntraFreq_8_3 _ela (1, tcv_CellInfoB.priScrmCode , c_CellSynchronisationInformati on , tcv_CellInfoA.priScrmCode , OMIT, tcv_CellInfoB.priScrmCode))	(P) C
52	TBPS2	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_MeasurementReport (tsc_CellDedicated , tsc_RB2 , cr_108_MeasReportIntraFreq_8_3 _ela (1, tcv_CellInfoA.priScrmCode , OMIT, tcv_CellInfoB.priScrmCode , c_CellSynchronisationInformati on , tcv_CellInfoB.priScrmCode)	(P) C
53	TBPS3	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_MeasurementReport (tsc_CellDedicated , tsc_RB2 , cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoA.priScrmCode , OMIT, tcv_CellInfoB.priScrmCode , c_CellSynchronisationInformati on , tcv_CellInfoC.priScrmCode , c_CellSynchronisationInformati on , tcv_CellInfoB.priScrmCode))	(P) C
54	TBPS4	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_MeasurementReport (tsc_CellDedicated , tsc_RB2 , cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoB.priScrmCode , c_CellSynchronisationInformati on , tcv_CellInfoA.priScrmCode , OMIT, tcv_CellInfoC.priScrmCode , c_CellSynchronisationInformati on , tcv_CellInfoB.priScrmCode))	(P) C
		lt_ReceiveMeasurementReportCellC _ela		
55	TBPS5	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_MeasurementReport (tsc_CellDedicated , tsc_RB2 , cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoA.priScrmCode , OMIT,	(P) C

			<pre> tcv_CellInfoB.priScrmCode,OMIT , tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoC.priScrmCode)) </pre>		
56	TBPS6	<pre> AM ? RLC_AM_DATA_IND CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoA.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoB.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode)) </pre>	(P)	C
57	TBPS7	<pre> AM ? RLC_AM_DATA_IND CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoB.priScrmCode, OMIT, tcv_CellInfoA.priScrmCode,OMIT , tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoC.priScrmCode)) </pre>	(P)	C
58	TBPS8	<pre> AM ? RLC_AM_DATA_IND CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoB.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoA.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode)) </pre>	(P)	C
59	TBPS9	<pre> AM ? RLC_AM_DATA_IND CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoA.priScrmCode,OMIT , tcv_CellInfoB.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode)) </pre>	(P)	C
60	TBPS10	<pre> AM ? RLC_AM_DATA_IND CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoB.priScrmCode,OMIT , tcv_CellInfoA.priScrmCode, </pre>	(P)	C

			OMIT, tcv_CellInfoC.priScrmCode))	
			
Detailed Comments				

After:

tc_8_3_4_3

Test Case Name		tc_8_3_4_3		
Group		RRC/RRC_ActSetUpdate/		
Purpose		1. To confirm that the UE continues to communicate with the SS on the radio link and removes radio link which exists prior to the execution of active set update procedure.		
Configuration				
Default		RRC_Def1		
Comments				
Selection Ref		FDD_Mode		
Description		Active set update in soft handover: Combined radio link addition and		
Nr	Label	Behaviour Description	Constraints Ref	Verdict (C)
1		START t_Guard		
2		+lt_RRC_InitVariables		
			
27	TBP3	RLC_AM_DATA_IND CANCEL t_WaitMS	AM ? car_ActSetUpdateCmpl (tsc_CellDedicated , tsc_RB2 , cr_108_ActSetUpdateCmpl (tcv_RRC_Ti))	(P)
28		+ ts_SHO_ReleaseDL_DPCH (tsc_CellB)		
29		+ ts_SS_DecrementCellPowerLevel (tsc_CellA , 30)		
30		+ ts_SS_DecrementCellPowerLevel (tsc_CellB , 30)		
31		+lt_ReceiveMeasurementReportCell CAB_e1b		
32		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityEngy (tsc_CellDedicated , tsc_RB2 , cs_108_UE_CapabilityEng (tcv_CellIndInfo.dl_IntegrityCh eckInfo , tcv_RRC_Ti))	

33		START t_WaitMS		
34	TBF4	? TIMEOUT t_WaitMS		(F)
35	TBP4	AM?RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoAM (tsc_CellDedicated , tsc_RB2 , cr_108_UE_CapabilityInfoAM (?,?,*))	(P)
36		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityInfoCnfAM (tsc_CellDedicated , tsc_RB2 , cs_108_UE_CapabilityInfoCnfAM (tcv_CellIndInfo.dl_IntegrityCh eckInfo , tcv_RRC_Ti))	
37		+ ts_SHO_ConfigureAdditionalDL_DPCW (tsc_CellA)		
38		+ ts_SHO_ReleaseDL_DPCW (tsc_CellC)		
39		+lt_RecvUeCap		
		lt_RecvUeCap		
40		+ ts_SS_IncrementCellPowerLevel (tsc_CellA ,30)		
41		+ ts_SS_IncrementCellPowerLevel (tsc_CellB ,20)		
42		+ ts_SS_DecrementCellPowerLevel (tsc_CellC ,30)		
43		+lt_ReceiveMeasurementReportCell ABC_e1b		
44		AM ! RLC_AM_DATA_REQ	cas_UE_CapabilityEngq (tsc_CellDedicated , tsc_RB2 , cs_108_UE_CapabilityEng (tcv_CellIndInfo.dl_IntegrityCh eckInfo , tcv_RRC_Ti))	
45		START t_WaitMS		
46	TBF5	? TIMEOUT t_WaitMS		(F)
47	TBP5	AM?RLC_AM_DATA_IND CANCEL t_WaitMS	car_UE_CapabilityInfoAM (tsc_CellDedicated , tsc_RB2 , cr_108_UE_CapabilityInfoAM (?,?,*))	(P)

48		<p style="text-align: center;">AM !</p> <p><u>RLC_AM_DATA_REQ</u></p>	<p><u>cas_UE_CapabilityInfoCnfAM</u> (<u>tsc_CellDedicated</u>, <u>tsc_RB2</u>, <u>cs_108_UE_CapabilityInfoCnfAM</u> (<u>tcv_CellIndInfo.dl_IntegrityCheckInfo</u>, <u>tcv_RRC_Ti</u>)))</p>	
		lt_RRC_InitVariables		
49		+ <u>ts_RRC_InitVariables</u> (cell_DCH)		
50		(<u>tcv_CellInfoA.attenuationLevel</u> := <u>tsc_AttLevToPower60_dBm</u> , <u>tcv_CellInfoB.attenuationLevel</u> := <u>tsc_AttLevToPower80_dBm</u> , <u>tcv_CellInfoC.attenuationLevel</u> := <u>tsc_AttLevToPower80_dBm</u>)		
		lt_ReceiveMeasurementReportCellB_ela		
51	TBPS1	AM ? <u>RLC_AM_DATA_IND</u> (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DC CH_Message.message.measurementReport t measuredResults.intraFreqMeasuredResultsList.[0].cellSynchronisationInfo.modeSpecificInfo.fdd.tn) CANCEL <u>t_WaitMS</u>	<u>car_MeasurementReport</u> (<u>tsc_CellDedicated</u> , <u>tsc_RB2</u> , <u>cr_108_MeasReportIntraFreq_8_3_ela</u> (1, <u>tcv_CellInfoB.priScrmCode</u> , <u>c_CellSynchronisationInformation</u> , <u>tcv_CellInfoA.priScrmCode</u> , OMIT, <u>tcv_CellInfoB.priScrmCode</u>))	(P)
52	TBPS2	AM ? <u>RLC_AM_DATA_IND</u> (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DC CH_Message.message.measurementReport t measuredResults.intraFreqMeasuredResultsList.[1].cellSynchronisationInfo.modeSpecificInfo.fdd.tn) CANCEL <u>t_WaitMS</u>	<u>car_MeasurementReport</u> (<u>tsc_CellDedicated</u> , <u>tsc_RB2</u> , <u>cr_108_MeasReportIntraFreq_8_3_ela</u> (1, <u>tcv_CellInfoA.priScrmCode</u> , OMIT, <u>tcv_CellInfoB.priScrmCode</u> , <u>c_CellSynchronisationInformation</u> , <u>tcv_CellInfoB.priScrmCode</u>))	(P)
53	TBPS3	AM ? <u>RLC_AM_DATA_IND</u> (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DC CH_Message.message.measurementReport t measuredResults.intraFreqMeasuredResultsList.[1].cellSynchronisationInfo.modeSpecificInfo.fdd.tn) CANCEL <u>t_WaitMS</u>	<u>car_MeasurementReport</u> (<u>tsc_CellDedicated</u> , <u>tsc_RB2</u> , <u>cr_108_MeasReportIntraFreqPeriodic3cell_ela</u> (1, <u>tcv_CellInfoA.priScrmCode</u> , OMIT, <u>tcv_CellInfoB.priScrmCode</u> , <u>c_CellSynchronisationInformation</u> , <u>tcv_CellInfoC.priScrmCode</u> , <u>c_CellSynchronisationInformation</u> , <u>tcv_CellInfoB.priScrmCode</u>))	(P)
54	TBPS4	AM ? <u>RLC_AM_DATA_IND</u> (tcv_Tm := 	<u>car_MeasurementReport</u> (<u>tsc_CellDedicated</u> ,	(P)

		<pre> RLC_AM_DATA_IND.aM_message.uL_DC CH_Message.message.measurementReport t measuredResults.intraFreqMeasuredResult sList.[0].cellSynchronisationInfo.modeSpeci ficInfo.fdd.tm) CANCEL t_WaitMS </pre>	<pre> tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoB.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoA.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoB.priScrmCode)) </pre>	
		<pre> lt_ReceiveMeasurementReportCellC _ela </pre>		
55	TBPS5	<pre> AM ? RLC_AM_DATA_IND (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DC CH_Message.message.measurementReport t measuredResults.intraFreqMeasuredResult sList.[2].cellSynchronisationInfo.modeSpeci ficInfo.fdd.tm) CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoA.priScrmCode, OMIT, tcv_CellInfoB.priScrmCode,OMIT , tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoC.priScrmCode)) </pre>	(P)
56	TBPS6	<pre> AM ? RLC_AM_DATA_IND (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DC CH_Message.message.measurementReport t measuredResults.intraFreqMeasuredResult sList.[1].cellSynchronisationInfo.modeSpeci ficInfo.fdd.tm) CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoA.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoB.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode)) </pre>	(P)
57	TBPS7	<pre> AM ? RLC_AM_DATA_IND (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DC CH_Message.message.measurementReport t measuredResults.intraFreqMeasuredResult sList.[2].cellSynchronisationInfo.modeSpeci ficInfo.fdd.tm) CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoB.priScrmCode, OMIT, tcv_CellInfoA.priScrmCode,OMIT , tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoC.priScrmCode)) </pre>	(P)
58	TBPS8	<pre> AM ? RLC_AM_DATA_IND (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DC CH_Message.message.measurementReport t measuredResults.intraFreqMeasuredResult sList.[1].cellSynchronisationInfo.modeSpeci ficInfo.fdd.tm) CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoB.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoA.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode)) </pre>	(P)

59	TBPS9	<pre> AM ? RLC_AM_DATA_IND (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DC CH_Message.message.measurementReport t measuredResults.intraFreqMeasuredResult sList.[0].cellSynchronisationInfo.modeSpeci ficInfo.fdd.tM) CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoA.priScrmCode,OMIT , tcv_CellInfoB.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode)) </pre>	(P)
60	TBPS10	<pre> AM ? RLC_AM_DATA_IND (tcv_Tm := RLC_AM_DATA_IND.aM_message.uL_DC CH_Message.message.measurementReport t measuredResults.intraFreqMeasuredResult sList.[0].cellSynchronisationInfo.modeSpeci ficInfo.fdd.tM) CANCEL t_WaitMS </pre>	<pre> car_MeasurementReport (tsc_CellDedicated, tsc_RB2,cr_108_MeasReportIntra FreqPeriodic3cell_ela (1, tcv_CellInfoC.priScrmCode, c_CellSynchronisationInformati on, tcv_CellInfoB.priScrmCode,OMIT , tcv_CellInfoA.priScrmCode, OMIT, tcv_CellInfoC.priScrmCode)) </pre>	(P)
			

Detailed Comments

New TC variable:

tcv_Tm

Variable Name	Tcv_Tm
Type	Tcell
Value	0
Comments	Tm in cellSynchronisationInfo

Before:

ts_SHO_ConfigureAdditionalDL_DPCH

Test Step Name	ts_SHO_ConfigureAdditionalDL_DPCH (p_CellId : INTEGER)
Group	RRCM_SHO_Steps/
Objective	To configure an additional radio link (DL DPCH).
Default	SS_Def
Comments	This test step shall be used during Active Set Update test cases (soft handover tests, SHO) in order to add an additional DL radio link to the SS configuration.

In order to release a radio link at the SS side, use test step ts_SHO_ReleaseDL_DPCH. The additional radio link shall be configured according to default settings, and needs to be consistent with the configuration of radio links already established. All DL DPCHs configured shall be referred via the tsc_DL_DPCH1 identifier, which will be used by the SS to do the appropriate mappings to the MAC-d entity.

Description					
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
				
19		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_122_AMR (c_DL_CommonInformationRB_SetUpSpeech (tsc_DL_DPCH1_SFP_Speech), tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
				
23		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_64K_CS (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_CS), tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
				
27		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_64K_CS (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_Streaming), tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
				
31		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_64K_PS (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_PS), tcv_TmpCellInfo.dl_DPCH_2ndScrCode))		
				
Detailed Comments					

After:

ts_SHO_ConfigureAdditionalDL_DPCH

Test Step Name	ts_SHO_ConfigureAdditionalDL_DPCH (p_CellId : INTEGER)			
Group	RRCM_SHO_Steps/			
Objective	To configure an additional radio link (DL DPCH).			
Default	SS_Def			
Comments	<p>This test step shall be used during Active Set Update test cases (soft handover tests, SHO) in order to add an additional DL radio link to the SS configuration.</p> <p>In order to release a radio link at the SS side, use test step ts_SHO_ReleaseDL_DPCH.</p> <p>The additional radio link shall be configured according to default settings, and needs to be consistent with the configuration of radio links already established.</p> <p>All DL DPCHs configured shall be referred via the tsc_DL_DPCH1 identifier, which will be used by the SS to do the appropriate mappings to the MAC-d entity.</p>			
Description				
Nr	Label	Behaviour Description	Constraints Ref	Verdict Com
.....				
19		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_122_AMR_calc_DPCH_FrameOffset (c_DL_CommonInformationRB_SetUpSpeech (tsc_DL_DPCH1_SFP_Speech), tcv_Tm , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))	
.....				
23		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_64K_CS_calc_DPCH_FrameOffset (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_CS), tcv_Tm , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))	
.....				
27		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_Streaming_calc_DPCH_FrameOffset (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_Streaming), tcv_Tm , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))	
.....				
31		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId, tsc_DL_DPCH1, cb_DL_DPCH_64K_PS_calc_DPCH_FrameOffset (c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_PS), tcv_Tm , tcv_TmpCellInfo.dl_DPCH_2ndScrCode))	
.....				
Detailed Comments				

Before:

ts_TransmitActiveSetUpdateAdd_Remove

Test Step Name	ts_TransmitActiveSetUpdateAdd_Remove (p_CellToAdd : INTEGER;p_PrimaryScramblingCode)		
Group	RRCM_SHO_Steps/		
Objective	To Transmit Active Cell Update message, to add the cell passed as pa whose priirary code is passed		
Default			
Comments			
Description			
Nr	Label	Behaviour Description	Constraints Ref
1		+ ts_SetTmpCellInfo (p_CellToAdd)	
2		[tcv_RRC_RAB_Type = cell_DCH_Speech]	
3		AM ! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd2Remove1 (tcv_CellIndInfo.dl_IntegrityCheckInfo , tcv_RRC_Ti , OMIT, tcv_TmpCellInfo.priScrmCode , tsc_DL_DPCH1_ChC_Speech , tcv_TmpCellInfo.dl_DPCH_2ndScrCode ,p_PrimaryScramblingCode))
4		[tcv_RRC_RAB_Type = cell_DCH_64kCS_RAB_SRB]	
5		AM ! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd2Remove1 (tcv_CellIndInfo.dl_IntegrityCheckInfo , tcv_RRC_Ti , OMIT, tcv_TmpCellInfo.priScrmCode , tsc_DL_DPCH1_ChC_64k_CS , tcv_TmpCellInfo.dl_DPCH_2ndScrCode ,p_PrimaryScramblingCode))
6		[tcv_RRC_RAB_Type = cell_DCH_57_6kCS_RAB_SRB]	
7		AM !	cas_ActSetUpdate (

		RLC_AM_DATA_REQ	tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd2Remove1 (tcv_CellIndInfo.dl_IntegrityCheckInfo , tcv_RRC_Ti , OMIT, tcv_TmpCellInfo.priScrmCode , tsc_DL_DPCH1_ChC_Streaming , tcv_TmpCellInfo.dl_DPCH_2ndScrCode , p_PrimScramblingCode_1))
8		[tcv_RRC_RAB_Type = cell_DCH_64kPS_RAB_SRB]	
9		AM ! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd2Remove1 (tcv_CellIndInfo.dl_IntegrityCheckInfo , tcv_RRC_Ti , OMIT, tcv_TmpCellInfo.priScrmCode , tsc_DL_DPCH1_ChC_64k_PS , tcv_TmpCellInfo.dl_DPCH_2ndScrCode , p_PrimScrambl))
10	ERR	[TRUE]	

Detailed Comments

After:

ts_TransmitActiveSetUpdateAdd_Remove

Test Step Name	ts_TransmitActiveSetUpdateAdd_Remove (p_CellToAdd : INTEGER;p_PrimSc PrimaryScramblingCode)		
Group	RRCM_SHO_Steps/		
Objective	To Transmit Active Cell Update message, to add the cell passed as pa whose priirary code is passed		
Default			
Comments			
Description			
Nr	Label	Behaviour Description	Constraints Ref
1		+ ts_SetTmpCellInfo (p_CellToAdd)	
2		[tcv_RRC_RAB_Type = cell_DCH_Speech]	
3		AM ! RLC_AM_DATA_REQ	cas_ActSetUpdate (tsc_CellDedicated , tsc_RB2 , cs_ActSetUpdateAdd2Remove1 (

			<pre> tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tcv_TmpCellInfo.priScrmCode, tcv_Tm, tsc_DL_DPCH1_ChC_Speech, tcv_TmpCellInfo.dl_DPCH_2ndScrCode,p_PrimScrambli)) </pre>
4		<pre> [tcv_RRC_RAB_Type = cell_DCH_64kCS_RAB_SRB] </pre>	
5		<pre> AM ! RLC_AM_DATA_REQ </pre>	<pre> cas_ActSetUpdate (tsc_CellDedicated, tsc_RB2, cs_ActSetUpdateAdd2Remove1 (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tcv_TmpCellInfo.priScrmCode, tcv_Tm, tsc_DL_DPCH1_ChC_64k_CS, tcv_TmpCellInfo.dl_DPCH_2ndScrCode,p_PrimScrambli)) </pre>
6		<pre> [tcv_RRC_RAB_Type = cell_DCH_57_6kCS_RAB_SRB] </pre>	
7		<pre> AM ! RLC_AM_DATA_REQ </pre>	<pre> cas_ActSetUpdate (tsc_CellDedicated, tsc_RB2, cs_ActSetUpdateAdd2Remove1 (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tcv_TmpCellInfo.priScrmCode, tcv_Tm, tsc_DL_DPCH1_ChC_Streaming, tcv_TmpCellInfo.dl_DPCH_2ndScrCode, p_PrimScramblingCode_1)) </pre>
8		<pre> [tcv_RRC_RAB_Type = cell_DCH_64kPS_RAB_SRB] </pre>	
9		<pre> AM ! RLC_AM_DATA_REQ </pre>	<pre> cas_ActSetUpdate (tsc_CellDedicated, tsc_RB2, cs_ActSetUpdateAdd2Remove1 (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tcv_TmpCellInfo.priScrmCode, tcv_Tm, tsc_DL_DPCH1_ChC_64k_PS, tcv_TmpCellInfo.dl_DPCH_2ndScrCode,p_PrimScrambli)) </pre>
10	ERR	[TRUE]	

Detailed Comments

Before:

cs_ActSetUpdateAdd2Remove1

Constraint Name	<pre>cs_ActSetUpdateAdd2Remove1 (p_IntegrityCheckInfo : IntegrityCheckInfo; p_RRC_TI: RRC_TransactionIdentifier; p_Act_time: ActivationTime; p_PrimaryScramblingCode_2 : PrimaryScramblingCode; p_Sf: SF512_AndCodeNumber; p_SecondaryScramblingCode : SecondaryScramblingCode; p_PrimaryScramblingCode_1 : PrimaryScramblingCode)</pre>
PDU Type	DL_DCCH_Message
Derivation Path	
Encoding Rule Name	
Encoding Variation	
Comments	Constraint used to add radio link 2 and remove radio link 1
Constraint Value	<pre>{ integrityCheckInfo p_IntegrityCheckInfo, message activeSetUpdate: r3:{ activeSetUpdate_r3 { --ActiveSetUpdate_r3_IEs, rrc_TransactionIdentifier p_RRC_TI, activationTime p_Act_time, newU_RNTI OMIT, cn_InformationInfo OMIT, maxAllowedUL_TX_Power OMIT, rl_AdditionInformationList {{ primaryCPICH_Info { primaryScramblingCode p_PrimaryScramblingCode_2 }, dl_DPCH_InfoPerRL fdd: { pCPICH_UsageForChannelEst maybeUsed, dpch_FrameOffset (((tsc_DefaultDPCH_OffsetValue*512) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , secondaryCPICH_Info OMIT, dl_ChannelisationCodeList {{ --DL_ChannelisationCode secondaryScramblingCode p_SecondaryScramblingCode, sf_AndCodeNumber p_Sf, scramblingCodeChange noCodeChange }}, tpc_CombinationIndex 0, ssdt_CellIdentity OMIT, closedLoopTimingAdjMode OMIT }, tfci_CombiningIndicator FALSE,</pre>

```

        sccpch_InfoforFACH OMIT
    }},
    rl_ReMovalInformationList {{ --RL_ReMovalInformationList
        primaryScramblingCode p_PrimScramblingCode_1
    }},
    tx_DiversityMode noDiversity,
    ssdt_Information OMIT
},
laterNonCriticalExtensions OMIT
}
}
}

```

Detailed Comments

After:

cs_ActSetUpdateAdd2Remove1

Constraint Name	cs_ActSetUpdateAdd2Remove1 (p_IntegrityCheckInfo : IntegrityCheckInfo ; p_RRC_TI: RRC_TransactionIdentifier ; p_Act_time: ActivationTime ; p_PrimScramblingCode_2 : PrimaryScramblingCode ; p_Tm: Tcell ; p_Sf: SF512_AndCodeNumber ; p_SecondaryScramblingCode : SecondaryScramblingCode ; p_PrimScramblingCode_1 : PrimaryScramblingCode)
PDU Type	DL_DCCH_Message
Derivation Path	
Encoding Rule Name	
Encoding Variation	
Comments	Constraint used to add radio link 2 and remove radio link 1
Constraint Value	<pre> { integrityCheckInfo p_IntegrityCheckInfo, message activeSetUpdate: r3:{ activeSetUpdate_r3 { --ActiveSetUpdate_r3_IEs, rrc_TransactionIdentifier p_RRC_TI, activationTime p_Act_time, newU_RNTI OMIT, cn_InformationInfo OMIT, maxAllowedUL_TX_Power OMIT, rl_AdditionInformationList {{ primaryCPICH_Info { primaryScramblingCode p_PrimScramblingCode_2 }, dl_DPCH_InfoPerRL fdd: { pCPICH_UsageForChannelEst maybeUsed, dpch_FrameOffset (((p_Tm+128) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , secondaryCPICH_Info OMIT, </pre>

```

dl_ChannelisationCodeList {{ --DL_ChannelisationCode
    secondaryScramblingCode p_SecondaryScramblingCode,
    sf_AndCodeNumber p_Sf,
    scramblingCodeChange noCodeChange
}},
tpc_CombinationIndex 0,
ssdt_CellIdentity OMIT,
closedLoopTimingAdjMode OMIT
},
tfci_CombiningIndicator FALSE,
sccpch_InfoforFACH OMIT
}},
rl_RemovalInformationList {{ --RL_RemovalInformationList
    primaryScramblingCode p_PrimScramblingCode_1
}},
tx_DiversityMode noDiversity,
ssdt_Information OMIT
},
laterNonCriticalExtensions OMIT
}
}

```

Detailed Comments

New constraint:

cb_DL_DPCH_122_AMR_calc_DPCH_FrameOffset

Constraint Name	cb_DL_DPCH_122_AMR_calc_DPCH_FrameOffset (p_DL_CommonInformation : DL_CommonInformation ; p_Tm : Tcell ; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group	
Type Name	DL_DPCHInfo
Derivation Path	
Encoding Variation	
Comments	
Constraint Value	<pre> { dl_CommonInformation p_DL_CommonInformation, dl_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset (((p_Tm+128) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , </pre>

```

dl_ChannelisationCodeList { { secondaryScramblingCode p_SecondaryScramblingCode,
sf_AndCodeNumber tsc_DL_DPCH1_ChC_Speech
}},
tpc_CombinationIndex 0
},
powerOffsetOfTFCl_PO1 tsc_DPCH_PowerOffsetTFCl,
powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC,
powerOffsetOfPILOT_PO3 tsc_DPCH_PowerOffsetPILOT,
dl_TxPower tsc_DL_TxPower_DPCH,
dl_TxPowerMax 15,
dl_TxPowerMin -35
}

```

Detailed Comments

New constraint:

cb_DL_DPCH_64K_CS_calc_DPCH_FrameOffset

Constraint Name	cb_DL_DPCH_64K_CS_calc_DPCH_FrameOffset (p_DL_CommonInformation : DL_CommonInformation; p_Tm : Tcell ; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group	
Type Name	DL_DPCHInfo
Derivation Path	
Encoding Variation	
Comments	
Constraint Value	<pre> { dl_CommonInformation p_DL_CommonInformation, dl_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset (((p_Tm+128) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , dl_ChannelisationCodeList { {secondaryScramblingCode p_SecondaryScramblingCode , sf_AndCodeNumber tsc_DL_DPCH1_ChC_64k_CS }}, } </pre>


```

tpc_CombinationIndex 0
},
powerOffsetOfTFCl_PO1 tsc_DPCH_PowerOffsetTFCl,
powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC,
powerOffsetOfPILOT_PO3 tsc_DPCH_PowerOffsetPILOT,
dl_TxPower tsc_DL_TxPower_DPCH,
dl_TxPowerMax 15,
dl_TxPowerMin -35
}

```

Detailed Comments

New constraint:

cb_DL_DPCH_64K_PS_calc_DPCH_FrameOffset

Constraint Name	cb_DL_DPCH_64K_PS_calc_DPCH_FrameOffset (p_DL_CommonInformation : DL_CommonInformation; p_Tm : Tcell ; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group	
Type Name	DL_DPCHInfo
Derivation Path	
Encoding Variation	
Comments	
Constraint Value	<pre> { dl_CommonInformation p_DL_CommonInformation, dl_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset (((p_Tm+128) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , dl_ChannelisationCodeList { {secondaryScramblingCode p_SecondaryScramblingCode , sf_AndCodeNumber tsc_DL_DPCH1_ChC_64k_PS }}, tpc_CombinationIndex 0 }, powerOffsetOfTFCl_PO1 tsc_DPCH_PowerOffsetTFCl, </pre>

<pre> powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC, powerOffsetOfPILOT_PO3 tsc_DPCH_PowerOffsetPILOT, dl_TxPower tsc_DL_TxPower_DPCH, dl_TxPowerMax 15, dl_TxPowerMin -35 } </pre>
Detailed Comments

New constraint:

cb_DL_DPCH_Streaming_calc_DPCH_FrameOffset

Constraint Name	cb_DL_DPCH_Streaming_calc_DPCH_FrameOffset (p_DL_CommonInformation : DL_CommonInformation; p_Tm : Tcell; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group	
Type Name	DL_DPCHInfo
Derivation Path	
Encoding Variation	
Comments	
Constraint Value	<pre> { dl_CommonInformation p_DL_CommonInformation, dl_DPCH_InfoPerRL fdd : { pCPICH_UsageForChannelEst mayBeUsed, dpch_FrameOffset (((p_Tm+128) MOD 38400) / 256), -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400 -- Actual value DPCH-FrameOffset = IE value * 256 -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 , dl_ChannelisationCodeList { { secondaryScramblingCode p_SecondaryScramblingCode, sf_AndCodeNumber tsc_DL_DPCH1_ChC_Streaming }}, tpc_CombinationIndex 0 }, powerOffsetOfTFCl_PO1 tsc_DPCH_PowerOffsetTFCl, powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC, powerOffsetOfPILOT_PO3 tsc_DPCH_PowerOffsetPILOT, dl_TxPower tsc_DL_TxPower_DPCH, </pre>

```
dI_TxPowerMax 15,  
dI_TxPowerMin -35  
}
```

Detailed Comments

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CHANGE REQUEST

TS 34.123-3 CR 346 # rev - # Current version: **3.5.1**

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 GFC P3 RAB test cases 14.2.26 and 14.2.27		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 20/04/2004
Category:	# F	Release:	# R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# In the RAB ATS, the RAB setup procedure "c_RAB_InfoListDCH_PS_64k_No_Pdcp" is used 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.
Summary of change:	# 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 } }"
Consequences if not approved:	# A conformant UE would fail the affected test cases.

Clauses affected:	# tc_14_2_26 and tc_14_2_27										
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:	#										

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.

ASN.1 PDU Constraint name	c_RAB_InfoListDCH_PS_64k_No_Pdcp
Reason for change	<p>In the RAB ATS, the RAB setup procedure “c_RAB_InfoListDCH_PS_64k_No_Pdcp” is used 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>
Summary of change	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} }”

Before

ASN.1 Type Constraint Declaration	
Constraint Name	c_RAB_InfoListDCH_PS_64k_No_Pdcp (
	p_ReadTimer: Re_EstablishmentTimer,
	p_RAB_id: BITSTRING,
	p_RLC_Info: RLC_Info)
Group	
Type Name	RAB_InformationSetupList
Derivation Path	
Encoding Variants	
Comments	-
Constraint Value	
<pre> --RB_Mappings a1_LogicalChannelMappings onLogicalChannel { --UL_LogicalChannelMapping a1_TransportChannelType rach: NULL, logicalChannelIdentity bsc_UL_DTCH1, rlc_SizeList explicitList ({ rlc_SizeIndex 1} , { rlc_SizeIndex 2}) }, a1_LogicalChannelMappingList { a1_TransportChannelType rach: NULL, logicalChannelIdentity bsc_UL_DTCH1 } } </pre>	
Detailed Comment	

After

ASN 1 Type Constraint Declaration	
Constraint Name	c_RAB_InfoListDCH_PS_84k_No_Ptcp (p_RabEstmtr: Re_EstablishmentTimer, p_RAB_Info: BITSTRING, p_RLC_Info: RLC_Info))
Group:	
Type Name:	RAB_InformationSetupList
Derivation Path:	
Encoding Variants:	
Comments:	-
Constraint Value	
<pre>1 [--RB_MappingInfo ul_LogicalChannelMappings oneLogicalChannel() --UL_LogicalChannelMapping, ul_TransportChannelType each NULL, logicalChannelIdentify for_UL_DTCH(), [k_SizeList explicitList : [[k_SizeIndex 2]], max_LogicalChannelPriority 9], dl_LogicalChannelMappingList () dl_TransportChannelType each NULL, logicalChannelIdentify for_DL_DTCH()],],],]</pre>	
Detailed Comment:	

CR-Form-v7	
CHANGE REQUEST	
# TS 34.123-3 CR 345 # rev - #	Current version: 3.5.1 #

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 GFC P1 RAB test case 14.2.4		
Source:	# Rohde & Schwarz		
Work item code:	# N/A	Date:	# 21/04/2004
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:	# According to the default values for the "Radio Bearer Set up" message in TS34.108 (6.10.2.4.1.2.2.1.1 Transport channel parameters for DL:3.4 kbps SRBs for DCCH) the value for the rate matching attribute DCH5 in the DL for should be 192. In the original TTCN code the RM attribute used is 170 which is wrong.
Summary of change:	# Use for both SS and UE configuration messages in the RAB setup a RM attribute of 192 instead of 170.
Consequences if not approved:	# A conformant UE would fail the affected test case.

Clauses affected:	# tc_14_2_4						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</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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downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

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

Change 1

Test step name c_DL_AddReconfTransChInfoListTM3_WA

Reason for change According to the default values for the “Radio Bearer Set up” message in TS34.108 (6.10.2.4.1.2.2.1.1 Transport channel parameters for DL:3.4 kbps SRBs for DCCH) the value for the rate matching attribute DCH5 in the DL for should be 192.

In the original “c_DL_AddReconfTransChInfoListTM3” the values for DL_DCH5 are set as “same as UL”, i.e. the RM attribute used is 170 which is wrong.

Summary of change Created alternative constraint based in c_DL_AddReconfTransChInfoListTM3 but using an explicit configuration (“c_DCH_148_TFS_UE_DL”) in this constraint.

Before change:

ASN.1 Type Constraint Declaration	
Constraint Name:	c_DL_AddReconfTransChInfoListTM3 (p_DedTranChTFS1,p_DedTranChTFS2,p_DedTranChTFS3 DedicatedTransChTFS)
Group:	
Type Name:	DL_AddReconfTransChInfoList
Derivation Path:	
Encoding Variation:	
Comments:	
Constraint Value	
<pre> 1 1 dl_TransportChannelType dch, dl_TransportChannelIdentity tsc_DL_DCH1, tfs_SignalingMode explicit_config : dedicatedTransChTFS : p_DedTranChTFS1, dch_QualityTarget bier_QualityValue -20 } dummy OMT 1 1 dl_TransportChannelType dch, dl_TransportChannelIdentity tsc_DL_DCH2, tfs_SignalingMode explicit_config : dedicatedTransChTFS : p_DedTranChTFS2, dch_QualityTarget bier_QualityValue -20 } dummy OMT 1 1 dl_TransportChannelType dch, dl_TransportChannelIdentity tsc_DL_DCH3, tfs_SignalingMode explicit_config : dedicatedTransChTFS : p_DedTranChTFS3, dch_QualityTarget bier_QualityValue -20 } dummy OMT 1 c_DL_AddReconfTransChInfo(tsc_DL_DCH5, tsc_UL_DCH5) 1 </pre>	
Detailed Comment:	

After change:

ASN.1 Type Constraint Declaration	
Constraint Name:	c_DL_AddReconfTransChInfoListTM3_VW(p_DedTransCHTFB1,p_DedTransCHTFB2,p_DedTransCHTFB3,DedicatedTransCHTFB)
Group:	
Type Name:	DL_AddReconfTransChInfoList
Derivation Path:	
Encoding Variation:	
Comments:	WNRAD4182
Constraint Value	
<pre>{ { dl_TransportChannelType dch, dl_TransportChannelIdentityIsoc_DL_DCH1, fs_SignalingMode explicit_config : dedicatedTransCHTFB : p_DedTransCHTFB1, dch_QualityTarget(bier_QualityValue -20) }, dummy OMIT } { { dl_TransportChannelType dch, dl_TransportChannelIdentityIsoc_DL_DCH2, fs_SignalingMode explicit_config : dedicatedTransCHTFB : p_DedTransCHTFB2, dch_QualityTarget(bier_QualityValue -20) }, dummy OMIT } { { dl_TransportChannelType dch, dl_TransportChannelIdentityIsoc_DL_DCH3, fs_SignalingMode explicit_config : dedicatedTransCHTFB : p_DedTransCHTFB3, dch_QualityTarget(bier_QualityValue -20) }, dummy OMIT } { { dl_TransportChannelType dch, dl_TransportChannelIdentityIsoc_DL_DCH5, fs_SignalingMode explicit_config : dedicatedTransCHTFB : c_DCH_14B_TFS_UE_DL, dch_QualityTarget(bier_QualityValue -20), dummy OMIT } } }</pre>	
Detailed Comment	

Change 2

Test step name ts_SendRB_SetUpDCH_Speech

Reason for change Wrong RM attribute for the DL (see change 1).

Summary of change Used c_DL_AddReconfTransChInfoListTM3_WA instead of
c_DL_AddReconfTransChInfoListTM3

Before change:

Test Step				
Test Step Id:	ts_SendRB_SetUpDCH_Speech (p_CellId: INTEGER; p_RAB_Id: BITSTRING; p_ActTime: ActivationTime)			
Test Step Group Ref:	RB_StepsRB_Setup			
Objective:	To setup a RADIO BEARER Cell_DCH_Speech and to reconfigure the BS accordingly.			
Defaults:	RRC_Def1			
Comments:	This Step is used by RLC test cases. See TS 34.018 clause 6.10.2.4.1.4			
L	Behaviour Description	Constraint Ref		Comments
1	+ts_SetTmpCellInfo (p_CellId)			
2	AM ? RLC_AM_DATA_REQ	<pre> ras_RB_SetUpAM_WithCnf (tsc_CellDedicated, tsc_RB2, tsc_Mu1, cs_RRC_RB_SetUp (tv_CellInfo.d.IntegrityCheckInfo, tv_RRC_T1, p_ActTime, cel_DCH, OMIT, (r_RAB_InfoSetupTM_12_2k (r_ReEstTimerT314, p_RAB_Id), c_UL_CommTrChInfoTM_12_2k, c_UL_AddReconfTransChInfoListTM_12_2k, c_DL_CommonTransChInfoSameAsUL, c_DL_AddReconfTransChInfoListTM3c_DCH_B1_TFS_DL_UE, c_DCH_103_TFS_UE, r_DCH_80_TFS_UE), c_DL_InformationPerRL (tv_TmpCellInfo.pnScrnCode, tsc_DL_ DPCHI_ChC_Speech (tv_TmpCellInfo.d.DPCH_2ndScrCode), c_DL_CommonInformationRB_SetUp (tsc_DL_DPCHI_SF_Spe ech), cb_UL_DPCH_Info (tsc_UL_DPCH_SF_Speech, p0_B4, tv_T mpCellInfo.ul_ScramblingCode), OMIT)) </pre>		
3	AM ? RLC_AM_DATA_CNF			
4	+ts_SS_4DCH_Modify_1 (p_CellId, p_ActTime, c_DL_CommonInformatio	<pre> car_AM_DataMuCnf (tsc_CellDedicated, tsc_RB2, tsc_Mu1) </pre>		

After change:

Test Step					
Test Step ID:	ts_SetsRB_SetupDCH_Speech (p_CellId: INTEGER, p_RAB_id: BITSTRING, p_ActTime: ActivationTime)				
Test Step Group Ref:	RB_StepsRB_Setup				
Objective:	To setup a RADIO BEARER Cell_DCH_Speech and to reconfigure the SS accordingly.				
Default:	RRC_Def				
Comments:	This Step is used by RLC test cases. See TS 34.018 clause 6.10.2.4.1.4				
..	L..	Behaviour Description	Constraint Ref	..	Comments
1		* ts_SetTempCellInfo (p_CellId)			
2		AM1 RLC_AM_DATA_REQ	<pre> var_RB_SetUpAM_WithCnf (tsc_CellDedicated, tsc_RBQ, tsc_MuI, ts_RRC_RB_SetUp (tsc_CellInfo.dl_IntegrityCheckInfo, tsv_RRC_TI, p_ActTime, cell_DCH, OMT, (t_RAB_InfoSetupTM_12_2k (c_ReEstTimerT314, p_RAB_MI), c_UL_CoverTxCInfoTM_12_2k, c_UL_AddReconfTransChInfoListTM_12_2k, c_DL_CommonTransChInfoSameAsUL, c_DL_AddReconfTransChInfoListTM_12_2k (c_DCH_60_TFS_UE, c_DCH_193_TFS_UE, c_DCH_60_TFS_UE), c_DL_InformationPerRL (tsv_TmpCellInfo.priSecCod e, tsc_DL_DPCH1_ChC_Speech, kv_TmpCellInfo.dl_DPCH_2ndSecCode), c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_Speech), c_UL_DPCH_Info (tsc_UL_DPCH_SF_Speech, pl B_34, tsv_TmpCellInfo.ul_ScramblingCode), OMT)) </pre>		WAMRAB4172
3		AM1 RLC_AM_DATA_CNF	<pre> var_AM_DataMtuCnf (tsc_CellDedicated, tsc_RBQ, tsc </pre>		

Change 3

Test step name c_DCH_148_TFS_DL_rm192

Reason for change According to the default values for the “Radio Bearer Set up” message in TS34.108 (6.10.2.4.1.2.2.1.1 Transport channel parameters for DL:3.4 kbps SRBs for DCCH) the value for the rate matching attribute DCH5 in the DL for should be 192.

In the original “c_DCH_148_TFS_DL” the RM attribute used is 170 which is wrong.

Summary of change Created new constraint “c_DCH_148_TFS_DL_rm192” based in “c_DCH_148_TFS_DL” with RM attribute set to 192.

Before change:

ASN.1 Type Constraint Declaration	
Constraint Name	c_DCH_148_TFS_DL
Group	
Type Name	CommonOrDedicatedTFS
Derivation Path	
Encoding Variation	
Comments	transport format set for signaling bearer on dedicated channel
Constraint Value	
<pre> 1 #40 ::= { ts_Size 148, numberOfTbSizeList { zero : NULL, one : NULL }, logicalChannelList allSizes : NULL } --R --R ::= semistaticTF_information { channelCodingType convolutional third, rateMatchingAttribute 170, crc_Size crc16 } 1 </pre>	

After change:

ASN.1 Type Constraint Declaration	
Constraint Name	c_DCH_148_TFS_DL_rm192
Group	
Type Name	CommonOrDedicatedTFS
Derivation Path	
Encoding Variation	
Comments	transport format set for signaling bearer on dedicated channel
	W#RAB4283
Constraint Value	
<pre> 1 #40 ::= { ts_Size 148, numberOfTbSizeList { zero : NULL, one : NULL }, logicalChannelList allSizes : NULL } --R --R ::= semistaticTF_information { channelCodingType convolutional third, rateMatchingAttribute 192, crc_Size crc16 } 1 </pre>	

Change 4

Test step name	ca_4_DCH_0_To23_DL_Info
Reason for change	Wrong RM attribute for the DL in the local configuration (see change 1).
Summary of change	Used new created constraint "c_DCH_148_TFS_DL_rm192" (see change 3) instead of "c_DCH_148_TFS_DL"

Before change:

ASN 1 ASP Constraint Declaration	
Constraint Name:	ca_4_DCH_0_To23_DL_Info (p_CellId: INTEGER, p_PhyChId: INTEGER, p_Type: TrChConfigType, p_ActivationTime: ActivationTime)
Group:	
ASP Name:	CPHY_TrCh_Config_REQ
Derivation Path:	
Comments:	For FDD mode only, used in acknowledged mode RLC testing
Constant Value	
<pre> 1 cellId p_CellId, routingInfo physicalChannelIdentity: p_PhyChId, cellType fdd, trchConfigType p_Type, configMessage { activationTime activationCFN: p_ActivationTime, dtkonradedTrchList { { trchId tsc_DL_DCH1, dl_TransportChannelType dch, transportChannelInfo r_DCH_81_TFS_DL } { trchId tsc_DL_DCH2, dl_TransportChannelType dch, transportChannelInfo r_DCH_103_TFS } { trchId tsc_DL_DCH3, dl_TransportChannelType dch, transportChannelInfo r_DCH_80_TFS } { trchId tsc_DL_DCH5, dl_TransportChannelType dch, transportChannelInfo r_DCH_148_TFS_DL } } } dTFCS: r_TFCS_Cmpl0_1_11_12_13_23_Tx (r_PowerOffsetInfoBelow64k) } </pre>	

Change 5

Test step name	c_TrChInfoDL_122_AMR_1
Reason for change	Wrong RM attribute for the DL in the local configuration (see change 1).
Summary of change	Used new created constraint "c_DCH_148_TFS_DL_rm192" (see change 3) instead of "c_DCH_148_TFS_DL"

Before change:

ASN.1 Type Constraint Declaration	
Constraint Name:	c_TrChInfoDL_122_AMR_1
Group:	
Type Name:	TrChInfo
Derivation Path:	
Encoding Variation:	
Comments:	
Constraint Value	
<pre> disconnectedTrChList() trchId trc_DL_DCH1, transportChannelInfo c_DCH_81_TFS_DL } trchId trc_DL_DCH2, transportChannelInfo c_DCH_103_TFS } trchId trc_DL_DCH3, transportChannelInfo c_DCH_60_TFS } trchId trc_DL_DCH5, transportChannelInfo c_DCH_148_TFS_DL } dITFCB c_TFCB_CompR1_1_11_12_13_23_Tx (c_PowerOffsetInfoBelow64k) </pre>	

After change:

ASN.1 Type Constraint Declaration	
Constraint Name:	c_TrChInfoDL_122_AMR_1
Group:	
Type Name:	TrChInfo
Derivation Path:	
Encoding Variation:	
Comments:	VWRRAB4373
Constraint Value	
<pre> disconnectedTrChList() trchId trc_DL_DCH1, transportChannelInfo c_DCH_81_TFS_DL } trchId trc_DL_DCH2, transportChannelInfo c_DCH_103_TFS } trchId trc_DL_DCH3, transportChannelInfo c_DCH_60_TFS } trchId trc_DL_DCH5, transportChannelInfo c_DCH_148_TFS_DL_rm192 } dITFCB c_TFCB_CompR1_1_11_12_13_23_Tx (c_PowerOffsetInfoBelow64k) </pre>	

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 344 # rev **-** # Current version: **3.5.2**

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 MM TC 9.4.9 to handle situation when pc_PS is TRUE also.		
Source:	# Nokia		
Work item code:	# N/A	Date:	# 23/04/2004
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:	# 1. Package 2 test case 9.4.9 is modified that TTCN can handle situation when pc_PS flag is TRUE.
Summary of change:	# 1. Step 48 "+lt_HandleAttachRequest" in "ts_RegistrationReject" should be removed from the [pc_PS = TRUE] branch also. 24.008 chapter 4.4.4.7 Says that UE shall perform a PLMN selection after LOCATION UPDATE REJECT cause #11.
Consequences if not approved:	# Test case will fail with conformant UE when pc_PS flag is set to TRUE.

Clauses affected:	# TS 34.123-3 NAS ATS Test case tc_9_4_9										
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:	#										

How to create CRs using this form:

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

Change 1.

Test step name *ts_RegistrationReject*

Reason for change Correction to [pc_PS = TRUE] branch.

Summary of change Step 48 “+lt_HandleAttachRequest” in “*ts_RegistrationReject*” should be removed from the [pc_PS = TRUE] branch also because in the previous step LOCATION UPDATE is rejected with cause #11 (PLMN not allowed), so after this no Attach is expected to come, instead UE begins PLMN search immediately.

The highlighted row should be removed:

No	Label	Behaviour Description	Constraints Ref	Verdict	Comments
Test Step Name <i>ts_RegistrationReject (p_CellId : INTEGER)</i>					
Group <i>L3M_MM_GMM_Steps</i>					
Objective Generic test step to reject PS or CS registration attempt by the UE. The reject cause for PS domain is given by global variable <i>tcv_PSRegistrationRejectCause</i> (to be set according to TS 24.008 / 10.5.5.14) and for CS domain <i>tcv_CSRegistrationRejectCause</i> (TS 24.008 / 10.5.3.6). Note-1: This generic test step shall correctly consider the different NMO, ATT flag and UE mode of operation. (This is why the test step is so complex).					
43		+ts_SS_SecurityDownloadStart (cs_domain, tcv_Start)			
44		+ts_MM_Authentication(p_CellId)			Authentication
45		+ts_RRC_Security (p_CellId, tcv_AuthOK, tcv_AuthOK, tcv_AuthOKSM, TRUE, cs_domain)			
46		DelRRC_DataReq	ca_DataReq(tsc_CellDedicated , tsc_RB3, c_LocUpdate(tcv_CSRegistrationRejectCause))		Location Updating Reject
47		[pc_PS = TRUE]			@SIC BY T1-040014 cl. 4.2 SIC@
48		+lt_HandleAttachRequest			
49		+ts_RRC_ConnRel(p_CellId, cell_Dch)			Release RRC connection
50		(tcv_PS_KeySeq := tsc_KeySeqDeleted, tcv_CS_KeySeq := tsc_KeySeqDeleted)			Invalidate ciphering key sequence number
51		+ts_MM_UE_SwitchOff			
52		[pc_PS = FALSE]			@SIC BY T1-040014 cl. 4.2 SIC@
53		+ts_RRC_ConnRel(p_CellId, cell_Dch)			Release RRC connection
54		(tcv_PS_KeySeq := tsc_KeySeqDeleted, tcv_CS_KeySeq := tsc_KeySeqDeleted)			Invalidate ciphering key sequence number

3GPP TSG-T1 Meeting #23
 Beijing, China, 10th – 14th May 2004

Tdoc # T1s040274

CR-Form-v7	
CHANGE REQUEST	
# 34.123-3 CR 343 # rev - #	Current version: 3.5.1 #

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

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

Title:	# Regression error corrections to wk12 and wk15.		
Source:	# MCC task160		
Work item code:	# N/A	Date:	# 23/04/2004
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:	# There were the TTCN regression tests to iWD-TVB2003-03_D04wk12 and iWD-TVB2003-03_D04wk15. The error reports were received. The error corrections were done in order to get the concerned TCs working. This CR includes the error lists for the necessary documentation.
Summary of change:	# Two Excell sheets ErrorList_wk12.xls and ErrorList_wk15 are included. The two lists can be also found in the TTCN deliveries iWD-TVB2003-03_D04wk15 and iWD-TVB2003-03_D04wk17 respectively.
Consequences if not approved:	# Test cases would fail with conformant UEs.

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

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CR-Form-v7

CHANGE REQUEST

34.123-3 CR 341 # rev - # Current version: **3.5.1**

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:	# Changes to the test step ts_CC_InitTCV_MO		
Source:	# Sasken Communication Technologies Ltd		
Work item code:	# N/A	Date:	# 26/04/2004
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:	# As per 24.008 "Table L.1.1/3GPP TS 24.008: Mapping of CS NAS procedure to establishment cause": "In case of Originating CS speech call or Originating CS data call, the RRC Establishment Cause used by the Mobile should be originatingConversationalCall." For some of the Services such as FTM, SrvV120 establishment cause is set to originatingStreamingCall. This has to be changed to originatingConversationalCall.
Summary of change:	# In the ts_CC_InitTCV_MO teststep originatingStreamingCall is replaced with originatingConversationalCall
Consequences if not approved:	# The testcase may Pass a Non 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 # <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">X</td> <td style="width: 20px; text-align: center;">#</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Test specifications # <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">#</td> <td style="width: 20px; text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> O&M Specifications #	Y	N	#	X	X	#	#	X	#	X	#	X
Y	N												
#	X												
X	#												
#	X												
#	X												
#	X												
Other comments:	# 34.123-3												

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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_Asynchronous, ts_CC_InitTCV_MO
Reason for change	In case of Originating CS speech call or Originating CS data call, the RRC Establishment Cause used by the Mobile should be originatingConversationalCall.
Summary of change	Replaced originatingStreamingCall with originatingConversationalCall at line no's 14,17 and 21

Before:

It_Asynchronous			
13		[(p_Serv= tsc_SrvMWS) OR (p_Serv = tsc_SrvFTM) OR (p_Serv = tsc_SrvV120)]	
14		(tcv_CC_RB_ConfigType = cell_DCH_57_6kCS_RAB_SRB, tcv_BcapCE = tsc_BcapCE_NT, tcv_EstCause = originatingStreamingCall)	
15		[(p_Serv= tsc_SrvV110) OR (p_Serv = tsc_Srv31kHz)]	
16		[(p_Serv = tsc_Srv31kHz) AND (px_BcapModemType = tsc_BcapMT_Autobaud1)]	
17		(tcv_CC_RB_ConfigType = cell_DCH_57_6kCS_RAB_SRB, tcv_BcapCE = tsc_BcapCE_NT, tcv_EstCause = originatingStreamingCall)	
18		[(px_BcapFNUR = tsc_Bcap20000) OR (px_BcapFNUR = tsc_Bcap40000) OR (px_BcapFNUR = tsc_Bcap56000)]	
19		(tcv_CC_RB_ConfigType = cell_DCH_64kCS_RAB_SRB, tcv_BcapCE = tsc_BcapCE_T, tcv_EstCause = originatingConversationalCall)	
20		[TRUE]	
21		(tcv_CC_RB_ConfigType = cell_DCH_57_6kCS_RAB_SRB, tcv_BcapCE = tsc_BcapCE_NT, tcv_EstCause = originatingStreamingCall)	
22	ERR1	[TRUE]	I
It_Synchronous			
23		[(p_Serv= tsc_SrvV110) OR (p_Serv = tsc_SrvFTM) OR (p_Serv =	

After :

It_Aynchronous	
13	[(p_Serv= tsc_SnPMAFS) OR (p_Serv = tsc_SrvFTM) OR (p_Serv= tsc_Srv120)]
14	{(tcv_CC_RB_ConfigType = cell_DCH_57_6kCB_RAB_SRB, tcv_BcapCE = tsc_BcapCE_NT, tcv_EstCause = originatingConversationalCall) }
15	[(p_Serv= tsc_Srv110) OR (p_Serv= tsc_Srv31kHz)]
16	[(p_Serv= tsc_Srv31kHz) AND (px_BcapModemType = tsc_BcapMT_Autobaud1)]
17	{(tcv_CC_RB_ConfigType = cell_DCH_57_6kCB_RAB_SRB, tcv_BcapCE = tsc_BcapCE_NT, tcv_EstCause = originatingConversationalCall) }
18	[(px_BcapFNUR = tsc_Bcap28800) OR (px_BcapFNUR = tsc_Bcap48000) OR (px_BcapFNUR = tsc_Bcap56000)]
19	{(tcv_CC_RB_ConfigType = cell_DCH_64kCB_RAB_SRB, tcv_BcapCE = tsc_BcapCE_T, tcv_EstCause = originatingConversationalCall) }
20	[TRUE]
21	{(tcv_CC_RB_ConfigType = cell_DCH_57_6kCB_RAB_SRB, tcv_BcapCE = tsc_BcapCE_NT, tcv_EstCause = originatingConversationalCall) }
22	ERR1 [TRUE]
It_Synchronous	

Change 2.

Local Tree and Test step	It_Synchronous, ts_CC_InitTCV_MO
Reason for change	In case of Originating CS speech call or Originating CS data call, the RRC Establishment Cause used by the Mobile should be originatingConversationalCall.
Summary of change	Replaced originatingStreamingCall with originatingConversationalCall at line no's 26 and 31

Before:

It_Synchronous				
23		[(p_Serv = tsc_Srv110) OR (p_Serv = tsc_SrvBTM) OR (p_Serv = tsc_SrvMediaCall)]		
24		(trv_CC_RB_ConfigType = cell_DCH_64kCS_RAB_SRB, trv_BcapCE = tsc_BcapCE_T, trv_EstCause = originatingConversationalCall)		
25		[(p_Serv = tsc_Srv120) OR (p_Serv = tsc_Srv31)]		
26		(trv_CC_RB_ConfigType = cell_DCH_57_6kCS_RAB_SRB, trv_BcapCE = tsc_BcapCE_NT, trv_EstCause = originatingStreamingCall)		
27		(p_Serv = tsc_Srv31kHz)		
28		[px_BcapFNUR = tsc_Bcap28800]		
29		(trv_CC_RB_ConfigType = cell_DCH_64kCS_RAB_SRB, trv_BcapCE = tsc_BcapCE_T, trv_EstCause = originatingConversationalCall)		
30		[px_BcapFNUR <=> tsc_Bcap28800]		
31		(trv_CC_RB_ConfigType = cell_DCH_57_6kCS_RAB_SRB, trv_BcapCE = tsc_BcapCE_NT, trv_EstCause = originatingStreamingCall)		
32	ERR2	[TRUE]		!
33	ERR3	[TRUE]		!

After :

It_Synchronous				
23		[(p_Serv = tsc_Srv110) OR (p_Serv = tsc_SrvBTM) OR (p_Serv = tsc_SrvMediaCall)]		
24		(trv_CC_RB_ConfigType = cell_DCH_64kCS_RAB_SRB, trv_BcapCE = tsc_BcapCE_T, trv_EstCause = originatingConversationalCall)		
25		[(p_Serv = tsc_Srv120) OR (p_Serv = tsc_Srv31)]		
26		(trv_CC_RB_ConfigType = cell_DCH_57_6kCS_RAB_SRB, trv_BcapCE = tsc_BcapCE_NT, trv_EstCause = originatingConversationalCall)		
27		(p_Serv = tsc_Srv31kHz)		
28		[px_BcapFNUR = tsc_Bcap28800]		
29		(trv_CC_RB_ConfigType = cell_DCH_64kCS_RAB_SRB, trv_BcapCE = tsc_BcapCE_T, trv_EstCause = originatingConversationalCall)		
30		[px_BcapFNUR <=> tsc_Bcap28800]		
31		(trv_CC_RB_ConfigType = cell_DCH_57_6kCS_RAB_SRB, trv_BcapCE = tsc_BcapCE_NT, trv_EstCause = originatingConversationalCall)		
32	ERR2	[TRUE]		!
33	ERR3	[TRUE]		!

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 342 # rev **-** # Current version: **3.5.1**

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 GMM test case 12.3.1.2 for P-TMSI signature check at Step 12.	
Source:	#	Sasken Communication Technologies Ltd.	
Work item code:	#	N/A	Date: # 26/04/2004
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:	#	As per 3GPP TS 34.123-1, in the test requirements (sec 12.3.1.2.5): ”At step 12, UE shall - Initiate ATTACH REQUEST message without P-TMSI signature IE ” In the TTCN , at row 42 (step 12) for attach request message, constraint cr_AttachReq is used.This constraint allows P-TMSI signature (if any) being sent by the mobile.	
Summary of change:	#	At Row 42 (Step 12 of the expected sequence) in the TTCN, for the Attach Request message created a new constraint cr_AttachReq_without_ptmsi_sig in which P-TMSI signature is set to “ - “.	
Consequences if not approved:	#	Inconsistency between prose and the TTCN. Test case may pass a non compliant UE	

Clauses affected:	#	N/A									
Other specs affected:	#	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;">X</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">X</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;">X</td> </tr> </table> Other core specifications Test specifications O&M Specifications	Y	N	X	X	X	X		X	# 34.123-3
Y	N										
X	X										
X	X										
	X										

Other comments: ☹

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Change 1.

Local Tree and Test step	In localtree It_Attach2 of 12.3.1.2, at row 42 (step 12)
Reason for change	As per 3GPP TS 34.123-1 section 12.3.1.2.5 attach request should be sent without P-TMSI signature.
Summary of change	Created a new constraint cr_AttachReq_without_ptmsi_sig And the same is used at row 42.

Before:

It_Attach2				
42		Dc ? RRC_DataInd (tcv_Start = RRC_DataInd.start)	car_PS_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_AttachReq(c_GMM_AttachTypePS_Only , c_MobileIdPTMSI_iv_Def, c_RAI_Def_v, tcv_PS_KeySeq))	Step 12. ATTACH REQUEST - Attach type is 'PS attach' - MobileId P-TMSI-1 - RAI-1 - PTMSI-1 signature
43		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)		
44		+ ts_RRC_Security (tsc_Cella, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, FALSE, ps_domain)		Step 12a. The SS starts ciphering and integrity protection
45		Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAcc(c_GMM_AttachResultPS_Only, c_RAI_Def_v, , ,))	Step 13. ATTACH ACCEPT - Attach result PS only - RAI-1 - no new Mobile Id assigned - no new P-TMSI signature

After :

It_Atach2				
42		Dc ? RRC_DataInd (tcr_Start => RRC_DataInd.start)	<pre> car_PS_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_AttachReq_without_ptms l_sigs, c_GMM_AttachTypePS_Only, c_MobileIDPTMSI_tv_Def, c_ RAI_Def_v, tcr_PS_KeySeq) </pre>	Step 12. ATTACH REQUEST - Attach type is 'PS attach' - MobileID P-TMSI-1 - RAI-1
43		+ ts_SS_SecurityDownloadStart (ps_domain, tcr_Start)		
44		+ ts_RRC_Security (tsc_CellA, tcr_PS_AuthCK, tcr_PS_AuthK, tcr_AuthKcOSM, FALSE, ps_domain)		Step 12a. The SS starts ciphering and integrity protection
45		Dc ! RRC_DataReq	<pre> ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_AttachAcc(c_GMM_AttachResultPS_Only, c_RAI_Def_v, -, -, -) </pre>	Step 13. ATTACH ACCEPT - Attach result 'PS only' - RAI-1 - no new Mobile ID assigned - no new P-TMSI signature

New constraint: **cr_AttachReq_without_ptmsi_sig**

PDU Constraint Declaration			
Constraint Name:	cr_AttachReq_without_ptmsi_sig (p_AttachType : AttachType; p_Mobid : MS_Identity_t; p_RAI : RAI_v; p_KeySeq : KeySeq)		
Group:			
PDU Name:	ATTACHREQUEST		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:			
Field Name	Element Value	Type Encoding	Comments
skipIndicator	Y0000'B		
gmmProtocolDiscriminator	tsc_GMM_PD		
msgType	Y0000001'B		
msNetworkCap	?		
gprsCiphKeySeqNo	c_CiphKeySeqNum(p_KeySeq)		
attachType	p_AttachType		
doParameter	?		
ptmsiORimsi	p_Mobid		
oldRAI	p_RAI		
msRadioAccessCap	?		
oldPTMSI_Signature	?		
readyTimer	c_GPRS_TimerAny IF_PRESENT		
tmsiStatus	c_TMSI_StatusAny IF_PRESENT		

CHANGE REQUEST

⌘ **TS 34.123-3 CR 340** ⌘ rev **-** ⌘ Current version: **3.5.0** ⌘

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

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

Title:	⌘ Correction to Approved RRC Package 1 TC 8.4.1.1		
Source:	⌘ Ericsson		
Work item code:	⌘ TEI	Date:	⌘ 28/04/2004
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	
	B (addition of feature),	R97 (Release 1997)	
	C (functional modification of feature)	R98 (Release 1998)	
	D (editorial modification)	R99 (Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-4 (Release 4)	
		Rel-5 (Release 5)	
		Rel-6 (Release 6)	

Reason for change:	⌘ 1. At step 47 in TC 8.4.1.1 there is a timer started in order to check that a Measurement report message is received after 5 seconds. But this should be a lower boundary timer because if the UE sends it after exactly 5 seconds, as it should, the SS will not receive it.
Summary of change:	⌘ 2. Tolerance should be subtracted from 5sec instead of added.
Consequences if not approved:	⌘ TC will fail a conformant UE.

Clauses affected:	⌘ tc_8_4_1_1										
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:	⌘ Affects R99, Rel4 and Rel5 UEs.										

How to create CRs using this form:

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

Before:

tc_8_4_1_1

Test Case Name		tc_8_4_1_1	
Group		RRC_Measurements/	
Purpose		<p>1. To confirm that the UE continues to monitor intra-frequency measurement quantity of the entered CELL_DCH state from idle mode. When the intra-frequency measurement reporting been met, it shall report the measurements using MEASUREMENT REPORT message(s).</p> <p>2. To confirm that the UE terminates monitoring and reporting activities for the cells listed in messages, after it has received a MEASUREMENT CONTROL message that specifies the r measurement identity as in System Information Block Type 11 or 12 messages.</p> <p>To confirm that the UE reconfigures the monitoring and reporting activities based on the last</p>	
Configuration			
Default		RRC_Def1	
Comments			
Selection Ref		FDD_Mode	
Description		<p>Reference: 3GPP TS 25.331 clause 8.4.1.8.1, 8.4.1.3, 8.4.2.2</p> <p>Measurement Control and Report: Intra-frequency measurement for transition from idle mod</p>	
N	Label	Behaviour Description	Constraints Ref
1		START t_Guard	
		
46		(tcv_Tolerance := (5 * 1000) / 10)	
47		START t_WaitMS (5 * 1000 + tcv_Tolerance)	
		
Detailed Comments			

After:

tc_8_4_1_1

Test Case Name	tc_8_4_1_1		
Group	RRC_Measurements/		
Purpose	<p>1. To confirm that the UE continues to monitor intra-frequency measurement quantity of the entered CELL_DCH state from idle mode. When the intra-frequency measurement reporting been met, it shall report the measurements using MEASUREMENT REPORT message(s).</p> <p>2. To confirm that the UE terminates monitoring and reporting activities for the cells listed in messages, after it has received a MEASUREMENT CONTROL message that specifies the r measurement identity as in System Information Block Type 11 or 12 messages.</p> <p>To confirm that the UE reconfigures the monitoring and reporting activities based on the last</p>		
Configuration			
Default	RRC_Def1		
Comments			
Selection Ref	FDD_Mode		
Description	<p>Reference: 3GPP TS 25.331 clause 8.4.1.8.1, 8.4.1.3, 8.4.2.2 Measurement Control and Report: Intra-frequency measurement for transition from idle mod</p>		
N	Label	Behaviour Description	Constraints Ref
1		START t_Guard	
		
46		(tcv_Tolerance := (5 * 1000) / 10	
)	
47		START t_WaitMS (5 * 1000	
		tcv_Tolerance)	
		
Detailed Comments			

CR-Form-v7

CHANGE REQUEST

34.123-3 CR 339 # rev **-** # Current version: **3.5.2**

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 TC 9.1 to handle PS attach and detach.		
Source:	# Nokia		
Work item code:	# N/A	Date:	# 29/04/2004
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:	# 1. TTCN implementation does not handle PS detach after step 9. 2. TTCN implementation does not handle PS attach after step 10.
Summary of change:	# 1. Replace <i>ts_MM_PwrOrUSIM_Off</i> with <i>ts_GMM_DetachOnSwitchOff</i> . 2. Modify <i>It_ActivateUE</i> to handle PS attach in case of Automatic Attach at Switch On.
Consequences if not approved:	# TC will fail with conformant UE.

Clauses affected:	# TS 34.123-3 NAS ATS Test case tc_9_1						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
Other comments:	#						

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

Change 1.

Test step name *lt_Body*

Reason for change PS detach not handles in Power Off.

Summary of change Replace *ts_MM_PwrOrUSIM_Off* with *ts_GMM_DetachOnSwitchOff*.

Before change *lt_Body*:

lt_Body	TBD	(New_TestBody := TRUE)	(F)	
1		<pre> +ts_PRC_Connect_PCRF_TN31(tac_CellID, ts_activateReq, ps_TN31_req, ts_activateReq, ts_activateReq) </pre>		Step 1: MT Connection Establishment
2		<pre> ts_PRC_Detach(ts_start := PRC_Detach_start) </pre>	<pre> ts_PRC_DetachReq(tac_CellID, tac_PDN, ts_PDNReq, ts_PDNReq) </pre>	Step 2: 1.
3		<pre> +ts_PRC_SecurityDownReq(tac_CellID, ts_start) </pre>		
4		<pre> +ts_PRC_Authentication(tac_CellID) </pre>		Steps 2a-2b: Authentication
5		<pre> +ts_PRC_Security(tac_CellID, ts_AuthReq, ts_AuthReq, ts_AuthReq, ts_AuthReq, ts_start) </pre>		Steps 3-4
6		<pre> +ts_PRC_PDNReq(tac_CellID, ts_PDNReq, ts_PDNReq, ts_PDNReq, ts_PDNReq, ts_start) </pre>		Step 5-6: 2.
7		<pre> +ts_PRC_Connect(tac_CellID, ts_start) </pre>		Steps 7-8: Connection Release
8		<pre> +ts_PRC_PwrOrUSIM_Off(tac_CellID) </pre>		Step 9: Disconnect the UE
9		<pre> +ts_PRC_Delay (10000) </pre>		Step 9a: Delay of 10 ms
10		<pre> +ts_ActivateReq </pre>		

After the change *lt_Body*:

lt_Ready	TRX	TRX	(F)	
0		[TRX_Ready := TRUE]		
1		+sta_RRC_Connection_PCR_MF_TRX1; trc_CellB, terminatingConversationalCall, ps_TRX1_Def, terminatingConversationalCall		Step 2: RRC Connection Establishment
2		DoRRC_DataRel (trc_Stack := RRC_DataRel.start)	trc_CellBdedicated, trc_RBS, c_Paging, ?, c_MobileIdTRX1_1v)	Step 2: 1.
3		+ trc_RR_SecurityDomainStart) trc_CR_StackB, trc_Stack)		
4		+sta_RR_ActivateSession) trc_CellB)		Steps 14-15: Authentication
5		+sta_RR_Security) trc_CellB, trc_AuthCF, trc_AuthIF, trc_AuthSM, TRX, cs_Access)		Steps 3-4
6		+sta_RR_TRX1_Reallocate) trc_CellB, c_MobileIdTRX1_1v, trc_CellInfoB.access, trc_CellInfoB.access, trc_CellInfoB.lan)		Steps 3-4 2.
7		+sta_RRC_Connection) trc_CellB, call_Idx)		Steps 3-4: Connection Release
8		+sta_RR1_DetachAndDetachOff(trc_CellB)		Step 8: Turn off and detach
9		+sta_RR1_Delay (1000)		Step 9a Delay of 10 sec
10		+tr_AccessOff		

Change 2.

Test step name *lt_ActivateUE*

Reason for change TTCN implementation does not handle PS attach after step 10.

Summary of change Add *lt_continue*, *lt_HandleAttachRequest* and *lt_RRC_ConnRel* local trees to handle PS attach in case of Automatic Attach at Switch On.

Before the change *lt_ActivateUE*:

lt_ActivateUE				
0		+sta_RR1_ActivateUE) trc_CellB_1)		Step 10: Activate the UE
1		+sta_RR1_Delay (trc_TractTime)		Step 11
2		trc_CellB, trc_CellInfoB.access, trc_CellInfoB.access, trc_CellInfoB.lan, trc_CellInfoB.accessFlag, trc_CellInfoB.access, trc_RRC_Def, trc_CellInfoB.access)		
3		+sta_RR1_Delay (trc_TractTime)		
4		+sta_RRC_Connection_PCR_MF_TRX1; trc_CellB, terminatingConversationalCall, ps_TRX1_1, terminatingConversationalCall		Step 12: RRC Connection Establishment 4.
5		DoRRC_DataRel (trc_Stack := RRC_DataRel.start)	trc_CellBdedicated(trc_RBS, c_Paging, trc_CR_Ready, c_MobileIdTRX1_1v)	Step 13: 5.
6		+ trc_RR_SecurityDomainStart) trc_CR_StackB, trc_Stack)		
7		+sta_RRC_Connection) trc_CellB, call_Idx)		Steps 14-15: Connection Release
8		+tr_ActivateUE		

After the change *lt_ActivateUE*:

lt_ActivateUE				
0		+cc_RR_PushDRB_To(tcc_DRB_1)		Step 10: Activate DRB DR
1		[cc_ActivateAttachReqToRRM]		
2		+ic_HandleAttachRequest		
3		+it_Sanitize		
4		[TIME]		
5		+it_Sanitize		
it_Sanitize				
0		+cc_RR_Delay (tcc_DRBInfo)		Step 11
1		+cc_RRMInfoToRRM tcc_CellB, tcc_CellInfoAcc, tcc_CellInfoAcc, tcc_CellInfoAcc, tcc_CellInfoAcc, tcc_CellInfoAcc, tcc_CellInfoAcc, tcc_CellInfoAcc, tcc_CellInfoAcc		
2		+cc_RR_Delay(tcc_DRBInfo)		
3		+cc_RR_Connect_DCB_1(tcc)		Step 12: RT Connection Establishment
4		tcc_CellB, terminatingConnectionRel, gc_1(tcc), terminatingConnectionRel		
5		cc_RRM_Detailed (tcc_start := RRM_Detailed.start)	cc_RRM_InstructTransfer (tcc_CellDedicated, tcc_DRB, tcc_CellB, tcc_CellInfoAcc, tcc_CellInfoAcc)	Step 13: RT
6		+cc_RR_SecurityToRRMStart (tcc_start)		
7		tcc_CellBremain, tcc_start		
8		+cc_RR_Connect (tcc_start) tcc_CellB, call_RR		Steps 14-15: Connection Release
9		+it_Sanitize		

Add *lt_HandleAttachRequest* and *lt_RRC_ConnRel*:

ic_HandleAttachRequest				
0		[cc_RR_TestExecution]		Enable RR default handler for ATTACH REQUEST
1		(cc_RR_AttachRequest == FALSE)		Establish RRC connection
2		+cc_RR_Connect tcc_CellB, call_RR, terminatingConnectionRel		
3		cc = RRM_Detailed (tcc_start := RRM_Detailed.start)	cc_RR_InstructTransfer (tcc_CellDedicated, tcc_DRB, tcc_CellB, tcc_CellInfoAcc, tcc_CellInfoAcc, tcc_CellInfoAcc, tcc_CellInfoAcc, tcc_CellInfoAcc)	ATTACH REQUEST - RRC attach type requested
4		cc = RRM_Detailed (cc_attachReq := TRUE)	cc_RR_Connect (tcc_CellDedicated, tcc_DRB, tcc_CellB)	ATTACH REQUEST rejected
5		+it_Sanitize		RRC connection release
lt_RRC_Connect				
0		[tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo] OR [tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo] OR [tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo] OR [tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo] OR [tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo] OR [tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo] OR [tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo] OR [tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo] OR		
1		+ cc_RR_Connect (tcc_CellB, tcc_CellBInfo)		
2		[tcc_CellBInfo.cellInfoAcc == tcc_CellBInfo]		
3		+ cc_RR_Connect (tcc_CellB, tcc_CellBInfo)		

CHANGE REQUEST

⌘ **TS 34.123-3 CR 338** ⌘ rev **-** ⌘ Current version: **3.5.0** ⌘

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 1 TC 11.1.1.1		
Source:	⌘ Ericsson		
Work item code:	⌘ TEI	Date:	⌘ 30/04/2004
Category:	⌘ F	Release:	⌘ Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)	2 (GSM Phase 2)	
	A (corresponds to a correction in an earlier release)	R96 (Release 1996)	
	B (addition of feature),	R97 (Release 1997)	
	C (functional modification of feature)	R98 (Release 1998)	
	D (editorial modification)	R99 (Release 1999)	
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	⌘ 1. TC 11.1.1.1 was previously able to run in either NOM_I or NOM_II controlled via a PIXIT called px_NMO. When some of the PIXITS were removed TC 11.1.1.1 was hardcoded to use NOM_I. At step 2 in the expected sequence of the testcase a DETACH is done. After the RRC connection is released (in NOM_I) the UE is not registered to any domain, this leads to that a UE might try to register to the CS domain before the PDP context activation has finished. This registration is not expected by the TTCN. But if the TC is run in NOM_II instead then the UE is still registered to the CS domain after the DETACH and will not try to do a new registration to the CS domain.
Summary of change:	⌘ 2. Test case is changed to run in NOM_II.
Consequences if not approved:	⌘ TC will fail a conformant UE.

Clauses affected:	⌘ tc_11_1_1_1										
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	⌘
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
		Test specifications									
		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_11_1_1_1

Test Case Name	tc_11_1_1_1				
Group	SM_TestCases/Activation/				
Purpose	To check that the UE initiates a PS attach, if one is not already active, when PDP context activation is requested. To test the behaviour of the UE when SS responds to the PDP context activation request with QoS.				
Configuration					
Default	NAS_OtherwiseFail_GMM_Status				
Comments	3G TS 24.008 sub-clauses 6.1.3.1 and 6.1.3.1.1.				
Selection Ref	PS_Support				
Description	Attach initiated by context activation/QoS Offered by Network is the QoS Requested				
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT=fdd]			FDD specific behavior
3		+ ts_RRC_InitVariablesPS (cell_DCH)			
4		+ ts_SS_CreateCellDCH (tsc_CellA)			Configure lower test
5		+ ts_SendDefSysInfo (tsc_CellA)			Sends the default system information in CellA
				
Detailed Comments					

After:

tc_11_1_1_1

Test Case Name	tc_11_1_1_1
Group	SM_TestCases/Activation/

Purpose	To check that the UE initiates a PS attach, if one is not already active, when PDP context activation is requested. To test the behaviour of the UE when SS responds to the PDP context activation request with QoS.				
Configuration					
Default	NAS_OtherwiseFail_GMM_Status				
Comments	3G TS 24.008 sub-clauses 6.1.3.1 and 6.1.3.1.1.				
Selection Ref	PS_Support				
Description	Attach initiated by context activation/QoS Offered by Network is the QoS Requested				
Nr	Label	Behaviour Description	Constraints Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT=fdd]			FDD specific behavior
3		+ ts_RRC_InitVariablesPS (cell_DCH)			
4		(tcv_CellInfoA.nmo := tsc_NMO_I1)			In NMO_I some UEs do not initiate a CS attach automatically. At PS detach, the UE will lose its PS attach and some UEs will remain in a non-attached state.
5		+ ts_SS_CreateCellDCH (tsc_CellA)			Configure lower test
6		+ ts_SendDefSysInfo (tsc_CellA)			Sends the default system information in CellA
				
Detailed Comments					

CHANGE REQUEST

34.123-3 CR 337 # rev **-** # Current version: **3.5.1**

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 SM TC 11.1.1.1, 11.3.1 and 11.3.2 to harmonize the timer handling and to account for T1-040514, T1s040243 and T1s040244 concerning RAB release and detaching.		
Source:	# Nokia, Rohde & Schwarz and MCC 160		
Work item code:	# N/A	Date:	# 04/05/2004
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. The timer handling in the SM module has been aligned to the proposed handling in 34.123-3 for all test cases except the approved test cases 11.1.1.1, 11.3.1 and 11.3.2 plus associated test step ts_ModifyPDP_Context_MT_Accept. This CR undertakes to present the required changes for the already approved test cases in order to fully align the SM module to the proposed timer handling. 2. RAB release and detach are procedures which are performed at different protocol layers, and which may overlap. Detach is being caught in the default background while the RAB release procedure is handled in the foreground.
Summary of change:	# 1. Timers used replaced by t_LowerBound and t_UpperBound. 2. Constants introduced to represent the SM timer values in msec including tolerances ('min' suffix to indicate a minus 10 % tolerance, 'max' suffix to indicate a plus 10 % tolerance). 3. tcv_GMM_DetachExpect is introduced to indicate that the UE may possibly send a Detach Request. If this is the case while the RAB release procedure is performed, then this is noted by setting tcv_GMM_DetachExpect to FALSE. Once the RAB release procedure has been completed, potential Detach is handled. 4. If Detach were repeated this is as well accounted for in the default background.
Consequences if not approved:	# Test cases will not follow the coding guidelines, and conformant UEs may fail.

Clauses affected: # TS 34.123-3 NAS ATS Test cases tc_11_1_1_1, tc_11_3_1 and tc_11_3_2

Other specs affected:		Y	N	Other core specifications	⌘	34.123-1	
	⌘		X				Test specifications
		X					O&M Specifications
Other comments:	⌘	None					

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. Introduction

There has been discussion in the past on test cases tc_11_3_1 and tc_11_3_2. The starting point of this CR is T1s030353. Its contents was revised later with T1s040243 and T1s040244. The difference between these CRs lies in the handling of the potentially parallel RRC RAB release procedure and the NAS Detach procedure. It was concluded to handle the RAB release procedure in the foreground, and to handle the Detach procedure in the background.

Secondly the timer handling in the SM test cases has been adapted to align with the proceeding proposed by TS 34.123-3. The proposal of this handling for the already approved test cases tc_11_1_1_1, tc_11_3_1 and tc_11_3_2 was published as TTCN CR T1s040267. This CR triggered comments from Sasken regarding the appropriateness of the used timers, as well as the retransmission of the Detach message by the UE while SM procedures were attempted.

Both aspects were already accounted for in the TTCN. Therefore it was not considered meaningful to continue discussion on these aspects separately, but it was decided to produce a merged CR.

The present document shows the changes which were made to the TTCN with respect to the NAS_wk15 ATS.

2. Changes

Change 1

Test case name tc_11_1_1_1
 Reason for change Test case should handle timers as per 34.123-3
 Summary of change t_UpperBound used and with msec timer

Before change:

It_Tree1			
18		+ts_AT_OrgPS_Call(tsc_CellA)	Step 3 Originate a PDP Context Request using AT commands
19		+ts_RRC_ConnEst (tsc_CellA, est_MO, registration)	Step 3a Establish RRC Connection
20		+ts_GMM_PS_RegistrationFollowOn(tsc_CellA)	Steps 4-5 Wait for GMM Attach from the UE and perform authentication and ciphering x. Force to standby not indicated.
21		+it_CheckFollowOnReq	
22		+ts_ActivatePDP_AcceptMO(tsc_CellA)	Steps 6-7
23		+ts_SM_SetLLC_SAPI	Set the value of LLC SAPI based on the UE type
24		START t_3380	Step 8
25	TBP1	?TIMEOUT t_3380	(P)
26		+ts_InitialiseDtyAndTrafficClass	
27		+ts_ModifyPDP_Context_MT_Accept(tcv_TI_S, tcv_LLC_SAPI_v, cs_QoS_InteractiveOrBackgroundMT_v (tcv_DtyClass, tcv_TrafficClass))	Steps 9-10
28	TBE	(tcv_TestBody=FALSE)	

After change:

It_Tree1			
0		+ts_AT_OrgPS_Call(tsc_CellA)	Step 3 Originate a PDP Context Request using AT commands
1		+ts_RRC_ConnEst (tsc_CellA, est_MO, registration)	Step 3a Establish RRC Connection
2		+ts_GMM_PS_RegistrationFollowOn(tsc_CellA)	Steps 4-5 Wait for GMM Attach from the UE and perform authentication and ciphering x. Force to standby not indicated.
3		+it_CheckFollowOnReq	
4		+ts_ActivatePDP_AcceptMO(tsc_CellA)	Steps 6-7
5		+ts_SM_SetLLC_SAPI	Set the value of LLC SAPI based on the UE type
6		START t_UpperBound(tsc_T3380max)	Step 8
7	TBP1	?TIMEOUT t_UpperBound	(P)
8		+ts_InitialiseDtyAndTrafficClass	
9		+ts_ModifyPDP_Context_MT_Accept(tcv_TI_S, tcv_LLC_SAPI_v, cs_QoS_InteractiveOrBackgroundMT_v (tcv_DtyClass, tcv_TrafficClass))	Steps 9-10
10	TBE	(tcv_TestBody=FALSE)	

Change 2

Test case name tc_11_3_1

Reason for change Test case should handle timers as per 34.123-3 and catch Detach in the background

Summary of change t_UpperBound used with msec timer
Handling of potentially expected Detach – foreground part (see change 6 for the background part)

Before change:

24		+ts_RRC_RB_Rel(tsc_CellA)			Step 6a RAB Release
25		+It_DetachOrNot			
26	TBE	(tcv_TestBody >= FALSE)			
It_DetachOrNot					
27		START t_3390			
28	TBP3	Dc ? RRC_DataInd CANCEL t_3390	ca_PS_InitDirectTransfer (tsc_CellDedicated , tsc_RB3, or_DetachRequest_MO)	(F)	Step 7 Receive Detach Request
29		+ts_SM_SetLLC_SAPI			Set the value of LLC SAPI
30		Dc ! RRC_DataReq START t_3386	ca_PS_DataReq(tsc_CellDedicated , tsc_RB3, cbs_Modify_PDP_ContextReq_MT(tcv_TL_S, tcv_LLC_SAPI_y, cs_QoS_InteractiveOrBackgroundMT_M(tcv_DlyClass, tcv_TrafficClass)))		Step A8 Send Modify PDP Context Request
31	TBP4	?TIMEOUT t_3386		(F)	Step A9
32		Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated , tsc_RB3, cs_DetachAcc)		Step A10 DETACH ACCEPT
33		?TIMEOUT t_3390			Step 7 ...or not within T3390
34		+ts_SM_SetLLC_SAPI			Set the value of LLC SAPI
35		Dc ! RRC_DataReq START t_3386	ca_PS_DataReq(tsc_CellDedicated , tsc_RB3, cbs_Modify_PDP_ContextReq_MT(tcv_TL_S, tcv_LLC_SAPI_y, cs_QoS_InteractiveOrBackgroundMT_M(tcv_DlyClass, tcv_TrafficClass)))		Step B8 Send Modify PDP Context Request
36	TBP5	Dc ? RRC_DataInd CANCEL t_3386	ca_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cbr_SM_StatusMO(cbr_SM_Cause_y("51'0)))	(F)	Step B9 As the context is not active, UE should respond with SM Status message
37	TBF1	?TIMEOUT t_3386		(F)	

After change:

1. tcv_GMM_Expect set to TRUE before RAB release
2. if Detach was not received after RAB release it may still be received: It_DetachOrNot
3. if Detach was received during RAB release send Modify and DetachAccept

13		START t_UpperBound(tsc_T3390max)		It is assumed that the RAB r elease is faster than the T33 90max, otherwise the timeo ut will be caught in the RRC default
14		(tcr_GMM_DetachExpect = TRUE)		be prepared to expect a Det ach while releasing the RAB
15		+ts_RRC_RB_Rel(tsc_CellA)		Step 6a RAB Release
16		(tcr_GMM_DetachExpect = TRUE)		no Detach received yet
17		(tcr_GMM_DetachExpect = FALSE)		no more need to be prepare d to expect a Detach in the d efault
18		+It_DetachOrNot		
19	TBE1	(tcr_TestBody = FALSE)		
16		(tcr_GMM_DetachExpect = FALSE)		Detach received in the defau lt background
17		CANCEL t_UpperBound		
18		+It_SendModifyAndDetachAccept		
19	TBE2	(tcr_TestBody = FALSE)		

It_DetachOrNot				
0	TBP3	Dc ? RRC_DataInd CANCEL t_UpperBound	ca_PS_UplinkDirectTransf er (tsc_CellDedicated , tsc _RB3, cr_DetachRequest_MO)	(P) Step 7 Receive Detach Request
1		(tcr_GMM_DetachExpect = TRUE)		be prepared to expect a Det ach in the background
2		+It_SendModifyAndDetachAccept		
0		?TIMEOUT t_UpperBound		Step 7 ...or not within T3390
1		+ts_SM_SetLLC_SAPI		Set the value of LLC SAPI
2		Dc !RRC_DataReq START t_UpperBound(tsc_T3386max)	ca_PS_DataReq(tsc_CellID edicated , tsc_RB3, cbs_Mo dify_PDP_ContextReq_MT(tcr_TI_S, tcr_LLC_SAPI_y, cs_QoS_InteractiveOrBack groundMT_M)(tcr_DtyClass, tcr_TrafficClass))	Step B8 Send Modify PDP Context R equest
3	TBP5	Dc ? RRC_DataInd CANCEL t_UpperBound	ca_PS_UplinkDirectTransf er (tsc_CellDedicated, tsc _RB3, cbr_SM_StatusMO(cbr _SM_Cause_w('510'))	(P) Step B9 As the context is not active, U E should respond with SM S tatus message
3	TBF1	?TIMEOUT t_UpperBound		(F)
It_SendModifyAndDetachAccept				
0		+ts_SM_SetLLC_SAPI		Set the value of LLC SAPI
1		Dc !RRC_DataReq START t_UpperBound(tsc_T3386max)	ca_PS_DataReq(tsc_CellID edicated , tsc_RB3, cbs_Mo dify_PDP_ContextReq_MT(tcr_TI_S, tcr_LLC_SAPI_y, cs_QoS_InteractiveOrBack groundMT_M)(tcr_DtyClass, tcr_TrafficClass))	Step A8 Send Modify PDP Context R equest
2	TBP4	?TIMEOUT t_UpperBound		(P) Step A9
3		Dc !RRC_DataReq	ca_PS_DataReq(tsc_CellID edicated , tsc_RB3, cs_DetachAcc)	Step A10 DETACH ACCEPT

Change 3

Test case name tc_11_3_2

Reason for change Test case should handle timers as per 34.123-3 and catch Detach in the background

Summary of change t_UpperBound used with msec timer
Handling of potentially expected Detach – foreground part (see change 6 for the background part)

Before change:

18		Dc I RRC_DataReq START t_3395	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_DeactPDP_ContextReqMT(tcv_TI_S, tsc_RejCau_RegPDP_CsdDeact))		Step 4 @SIC EW CR T1-031795 SIC@ @SIC EW CR T1-031710 SIC@
19	TBF1	?TIMEOUT t_3395		(F)	@SIC EW CR T1-031710 SIC@
20	TBE1	(tcv_TestBody = FALSE)			
21	TBP1	Dc ? RRC_DataInd (tcv_DeactPDP_ContextReq = RRC_DataInd.msg, tcv_TI_R = tcv_DeactPDP_ContextReq.t) CANCEL t_3395	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_DeactPDP_ContextReq MO)	(F)	Step 5 @SIC EW CR T1-031710 SIC@
25		+ts_RRC_RB_Rel(tsc_CellA)			Step 5a Release the RAB
26		+It_DetachOrNot			
27	TBE2	(tcv_TestBody = FALSE)			
It_DetachOrNot					
28		START t_3395			
29	TBP3	Dc ? RRC_DataInd CANCEL t_3395	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_DetachRequest_MO)	(P)	Step 5b Receive Detach Request
30		+ts_SM_SetLLC_SAPI			Set the value of LLC SAPI
31		Dc I RRC_DataReq START t_3386	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cbs_Modify_PDP_ContextReq_MT(tcv_TI_S, tcv_LLC_SAPI_v, cs_QoS_InteractiveOrBackgroundMT_M(tcv_DhyClass, tcv_TrafficClass)))		Step A6 Send Modify PDP Context Request
32		?TIMEOUT t_3386			Step A7
33		Dc I RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_DetachAcc)		Step A8 DETACH ACCEPT
34	TBP4	?TIMEOUT t_3395		(F)	Step 5a ...or not within T3395
35		+ts_SM_SetLLC_SAPI			Set the value of LLC SAPI
36		Dc I RRC_DataReq START t_3386	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cbs_Modify_PDP_ContextReq_MT(tcv_TI_S, tcv_LLC_SAPI_v, cs_QoS_InteractiveOrBackgroundMT_M(tcv_DhyClass, tcv_TrafficClass)))		Step B6 Send Modify PDP Context Request
37	TBP5	Dc ? RRC_DataInd CANCEL t_3386	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cbr_SM_StatusMO(cbr_SM_Cause_w'510'))	(F)	Step B7 As the context is not active, UE should respond with SM Status message
38	TBF1	?TIMEOUT t_3386		(F)	

After change:

1. tcv_GMM_Expect set to TRUE before RAB release
2. if Detach was not received after RAB release it may still be received: It_DetachOrNot
3. if Detach was received during RAB release send Modify and DetachAccept

18		Dc1 RRC_DataReq START_t_UpperBound(tsc_T3395max)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_DeactPDP_ContextReqMT(tcv_TI_S, tsc_RejCauReqPDP_CtdDeact))	(P)	Step 4 @sic EW CR T1-031795 sic@ @sic EW CR T1-031710 sic@
19	TBF1	?TIMEOUT_t_UpperBound		(F)	@sic EW CR T1-031710 sic@
20	TBE1	(tcv_TestBody => FALSE)			
21	TBP1	Dc? RRC_DataInd (tcv_DeactPDP_ContextAcP => RRC_DataInd.msg, tcv_TI_R => tcv_DeactPDP_ContextAcP.8) CANCEL_t_UpperBound	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_DeactPDP_ContextAcPMO)	(P)	Step 5 @sic EW CR T1-031710 sic@

24		START_t_UpperBound(tsc_T3395max)			It is assumed that the RAB release is faster than the T3395max, otherwise the timeout will be caught in the RRC default
25		(tcv_GMM_DetachExpect => TRUE)			be prepared to expect a Detach while releasing the RAB
26		+ts_RRC_RB_Rel(tsc_CellA)			Step 5a RAB Release
27		(tcv_GMM_DetachExpect => TRUE)			no Detach received yet
28		(tcv_GMM_DetachExpect => FALSE)			no more need to be prepared to expect a Detach in the default
29		+It_DetachOrNot			
30	TBE2	(tcv_TestBody => FALSE)			
31		(tcv_GMM_DetachExpect => FALSE)			Detach received in the default background
32		CANCEL_t_UpperBound			
33		+It_SendModifyAndDetachAccept			
34	TBE3	(tcv_TestBody => FALSE)			

It_DetachOrNot					
0	TBP3	Dc? RRC_DataInd CANCEL_t_UpperBound	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_DetachRequest_MO)	(P)	Step 5b Receive Detach Request
1		(tcv_GMM_DetachExpect => TRUE)			be prepared to expect a Detach in the background
2		+It_SendModifyAndDetachAccept			
0	TBP4	?TIMEOUT_t_UpperBound		(P)	Step 5a ...or not within T3395
1		+ts_SM_SetLLC_SAPI			Set the value of LLC SAPI
2		Dc1 RRC_DataReq START_t_UpperBound(tsc_T3386max)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cbs_Modify_PDP_ContextReq_MT(tcv_TI_S, tcv_LLC_SAPI_v, cs_GoS_InteractiveOrBackgroundMT_h(tcv_DlyClass, tcv_TrafficClass)))	(P)	Step B6 Send Modify PDP Context Request
3	TBP5	Dc? RRC_DataInd CANCEL_t_UpperBound	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cbr_SM_StatusMO(cbr_SM_Cause_v("51'0)))	(P)	Step B7 As the context is not active, UE should respond with SM Status message
3	TBF1	?TIMEOUT_t_UpperBound		(F)	
It_SendModifyAndDetachAccept					
0		+ts_SM_SetLLC_SAPI			Set the value of LLC SAPI
1		Dc1 RRC_DataReq START_t_UpperBound(tsc_T3386max)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cbs_Modify_PDP_ContextReq_MT(tcv_TI_S, tcv_LLC_SAPI_v, cs_GoS_InteractiveOrBackgroundMT_h(tcv_DlyClass, tcv_TrafficClass)))	(P)	Step A6 Send Modify PDP Context Request
2		?TIMEOUT_t_UpperBound			Step A7
3		Dc1 RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_DetachAcc)	(P)	Step A8 DETACH ACCEPT

Change 4

Test case name ts_ModifyPDP_Context_MT_Accept

Reason for change Test step used by tc_11_1_1_1 should handle timers as per 34.123-3

Summary of change t_UpperBound used with msec timer

Before change:

t_Tree1			
3	START t_3386		Standard defined timer
4	De ? RRC_DataInd CANCEL t_3386	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cbr_Modify_PD P_ContextAcq_MO)	(P) Receive Modify PDP Context Activation Accept message
5	(tcv_Counter = 4)		
6	? TIMEOUT t_3386		(F) On time out of T_3386 at network end, send Modify PDP Context Request for 4 times.

After change:

t_Tree1			
3	START t_UpperBound(tsc_T3386max)		Standard defined timer
4	De ? RRC_DataInd CANCEL t_UpperBound	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cbr_Modify_PDP_ContextAcq_MO)	(P) Receive Modify PDP Context Activation Accept message
5	(tcv_Counter = 4)		
6	? TIMEOUT t_UpperBound		(F) On time out of T_3386 at network end, send Modify PDP Context Request for 4 times.

Change 5

Test suite constant names SM timer tsc_T3380max, tsc_T3386max, tsc_T3390max, tsc_T3395max

Reason for change Test suite constants are needed to express the SM timer requirements in msec including tolerances for T3380, T3386, T3390, T3395

Summary of change tsc_T3380max, tsc_T3386max, tsc_T3390max, tsc_T3395max created

After change:

tsc_T3380max	INTEGER	33800	@SIC_NAPP EW TTCN Review sic@ + 10% tolerance
tsc_T3380min	INTEGER	7200	@SIC_NAPP EW TTCN Review sic@ - 10% tolerance
tsc_T3386max	INTEGER	8800	@SIC_NAPP EW TTCN Review sic@ + 10% tolerance
tsc_T3386min	INTEGER	7200	@SIC_NAPP EW TTCN Review sic@ - 10% tolerance
tsc_T3390max	INTEGER	8800	@SIC_NAPP EW TTCN Review sic@ + 10% tolerance
tsc_T3390min	INTEGER	7200	@SIC_NAPP EW TTCN Review sic@ - 10% tolerance
tsc_T3395max	INTEGER	8800	@SIC_NAPP EW TTCN Review sic@ + 10% tolerance
tsc_T3395min	INTEGER	7200	@SIC_NAPP EW TTCN Review sic@ - 10% tolerance

Change 6

Defaults RRC_Def1, NAS_OtherwiseFail

Reason for change Catch potentially expected Detach in the Default background

Summary of change Expect Detach and return

After change:

7		Do ? RRC_DataInd [tcv_GMM_DetachExpect = TRUE] (tcv_GMM_DetachExpect := FALSE)	car_PS_UplinkDirectTransfer (tsc_CellDedicated , tsc_RB3, cr_DetachRequest_MO)	DETACH REQUEST @sic EW T1s040243 and T1s040244 sic@
8		RETURN		

CR-Form-v7

CHANGE REQUEST

TS 34.123-3 CR 333 # rev - # Current version: **3.5.1**

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

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

Title:	# Correction to Package 3 NAS CC test case 10.1.2.7.3 for assigning FAIL verdict on receiving unexpected RELEASE message.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 21/04/04
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:	# According to TS 34.123-1 10.1.2.7.3 specification, “Conformance requirement : The call control entity of the UE in the "disconnect request" state, shall upon expiry of timer T305: send a RELEASE message to the network” In TTCN implementation, When UE sends RELEASE message to network before T305 expiry, no verdict assigned and results test case pass and is incorrect.		
Summary of change:	# TTCN implementation for test case 10.1.2.7.3 modified on SS receiving RELEASE message from UE before T305 expiry- a Fail verdict assigned and test execution is not carried on with STATUS ENQUIRY.		
Consequences if not approved:	# Test case may pass with non conformant UE.		

Clauses affected:	# 34.123-3 NAS ATS test case tc_10_1_2_7_3										
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:	#										

How to create CRs using this form:

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

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

Change 1.

Test step name tc_10_1_2_7_3

Reason for change when SS receive RELEASE from UE before expiry of T305

- Assigning *Fail* verdict and
- discontinuing test execution

Summary of change

- *Step#21, Fail verdict assigned*
- Steps#22, which perform STATUS enquiry, removed
- Step#24, which sending RELEASE COMPLETE, removed

Source of change

Before change:

17	TBF1	? TIMEOUT t_UpperBound		(F)	4.
18	TBE2	(tcv_TestBody = FALSE)			
19		+ ts_RRC_ConnRelNoNAS (tsc_CellA, cell_Dch)			
20		+ po_ConnectionAndSS_Rel (tsc_CellA)			
21	TBF2	Dc ? RRC_DataInd CANCEL t_UpperBound, CANCEL t_LowerBound	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_RelCau102 (tcv_TI_R, tcv_Cau))		Steps 1-2
22		+ ts_CC_CheckState (tsc_CellA, tsc_StateU19)			5. Steps 3-4
23	TBE3	(tcv_TestBody = FALSE)			
24		Dc ! RRC_DataReq	ca_DataReq (tsc_CellDedicated, tsc_RB3, cs_RelCmpl (tcv_TI_S))		
25		+ ts_RRC_ConnRelNoNAS (tsc_CellA, cell_Dch)			
26		+ po_ConnectionAndSS_Rel (tsc_CellA)			

After change:

17	TBF1	? TIMEOUT t_UpperBound		(F)	4.
18	TBE2	(tcv_TestBody = FALSE)			
19		+ ts_RRC_ConnRelNoNAS (tsc_CellA, cell_Dch)			
20		+ po_ConnectionAndSS_Rel (tsc_CellA)			
21	TBF2	Dc ? RRC_DataInd CANCEL t_UpperBound, CANCEL t_LowerBound	car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_RelCau102 (tcv_TI_R, tcv_Cau))	(F)	RELEASE received before expiry of T305
22	TBE3	(tcv_TestBody = FALSE)			
23		+ ts_RRC_ConnRelNoNAS (tsc_CellA, cell_Dch)			
24		+ po_ConnectionAndSS_Rel (tsc_CellA)			

CR-Form-v7

CHANGE REQUEST

TS 34.123-3 CR 322 # rev - # Current version: **3.5.2**

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 GMM test case 12.2.1.3 for supporting USIM removal without power off		
Source:	# Anite		
Work item code:	# N/A	Date:	# 06-May-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:	# According to TS 34.123-1 Section 12.2.1.3 specification, at step #9 of expected sequence- <i>If possible (see ICS) USIM removal is performed.</i> i.e. based on 'USIM removal possible without powering down' supported. TTCN implementation does not support the case of UE supporting USIM removal without powering down.
Summary of change:	# TTCN implementation for 12.2.1.3 modified to support USIM removal MMI command, if supported.
Consequences if not approved:	# TTCN implementation not according to TS 34.123-1.

Clauses affected:	# TS 34.123-3 NAS ATS test case tc_12_2_1_3						
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:	#						

How to create CRs using this form:

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

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

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

Change 1.

- Test step name** tc_12_2_1_3
- Reason for change**
 1. It_SwitchOff local tree does not display USIM remove MMI command prompt.
 2. USIM insert MMI command not displayed.
- Summary of change**
 1. It_SwitchOff local tree modified by using ts_MM_PwrOrUSIM_Off in place of ts_MMI_UE_SwitchOff for proper USIM removal MMI command prompt.
 2. It_SwitchOn local tree introduced to perform USIM insert MMI command and possible Attach AT command prompt.
- Source of change** New change

Before change:

<u>It_NoAccess30s</u>				
55		START t_WaitS(30)		Start a timer with timeout 30s
56		TM ? OTHERWISE	(F)	UE shall not access the network
57		? TIMEOUT t_WaitS	(P)	Timer expired, OK
<u>It_SwitchOff</u>				
58		+ts_MMI_UE_SwitchOff		

After change:

<u>It_NoAccess30s</u>				
55		START t_WaitS(30)		Start a timer with timeout 30s
56		TM ? OTHERWISE	(F)	UE shall not access the network
57		? TIMEOUT t_WaitS	(P)	Timer expired, OK
<u>It_SwitchOff</u>				
58		+ ts_MM_PwrOrUSIM_Off (ts_USIM_In)		
<u>It_SwitchOn</u>				
59		+ ts_MM_PwrOrUSIM_On(TRUE)		
60		+ts_GMM_AT_Attach_ifNotAutomatic		

Change 2.

Test step name tc_12_2_1_3 It_TestBody

Reason for change USIM remove and USIM insert MMI command not prompted.


Summary of change Step #28 modified to display correct USIM insert MMI command.
It_SwitchOn step used in place of ts_MM_UE_SwitchOnTriggerGMM_Attach test step

Source of change New change

Before change

26	+It_Steps_6To8		Deactivate cell A, activate cell D, and verify that UE does not access the network
27	+It_SwitchOff		Step 9
28	+ts_MM_UE_SwitchOnTrigger0 MM_Attach		Step 10 @SIC OLAF ER 1474 SIC@
29	+ts_RRC_ConnEst(tsc_CellID, est_Reg, registration)		@SIC OLAF e-mail comment SIC@

After change:

26	+It_Steps_6To8		Deactivate cell A, activate cell D, and verify that UE does not access the network
27	+It_SwitchOff		Step 9
28	+It_SwitchOn		Step 10 @sic OLAF ER 1474 sic@
29	+ts_RRC_ConnEst(tsc_CellID, est_Reg, registration)		@sic OLAF e-mail comment sic@

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CHANGE REQUEST

34.123-3 CR 334 # rev - # Current version: **3.5.1**

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

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

Title: # Correction to RRC TC 8.2.2.10 on contents of radio bearer reconfiguration message.

Source: # Anite

Work item code: # N/A

Date: # 20/04/04

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 34.123-1 specifies that in step 1 of test cases 8.2.2.10, the following fields of radio bearer reconfiguration message should not be present:

UL Transport channel information for all transport channels	Not Present
Added or Reconfigured UL TrCH information	Not Present
DL Transport channel information common for all transport channels	Not Present
Added or Reconfigured DL TrCH information	Not Present

But TTCN sends radio bearer reconfiguration message with the default value for these fields.

2. TS 34.123-1 specifies that in step 1 of test cases 8.2.2.10, for the radio bearer reconfiguration message, the value of field 'Timer_RST' which is the part of field 'RB information to reconfigure' for RB identity 20 should be 400. But the TTCN assigns value 100 to this field.

Summary of change: # 1. Constraint cds_RB_ReconfigFACH_ToDCH_RB20_RST400 is modified so that the following fields are not transmitted in the radio bearer reconfiguration message.

- ul_CommonTransChInfo
- ul_AddReconfTransChInfoList

	<ul style="list-style-type: none"> • dl_CommonTransChInfo • dl_AddReconfTransChInfoList <p>2. Constraint c_RB_InfoReconfigList20_RST400 is modified to make then field 'timerRST' of radio bearer identity tsc_RB20 set as tr400.</p>
Consequences if not approved:	⌘ Test case may PASS in a non-compliant UE.

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

How to create CRs using this form:

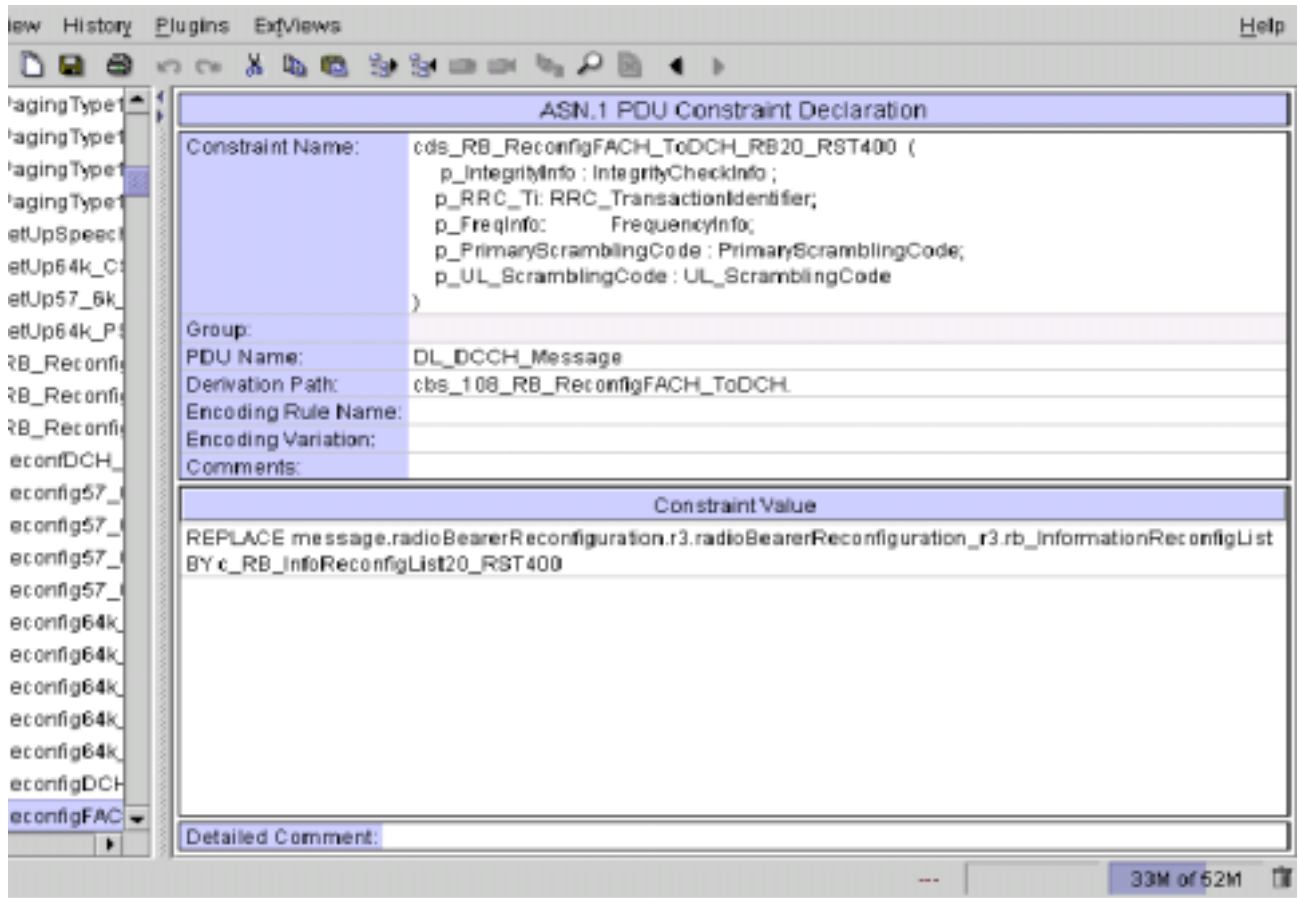
Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

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

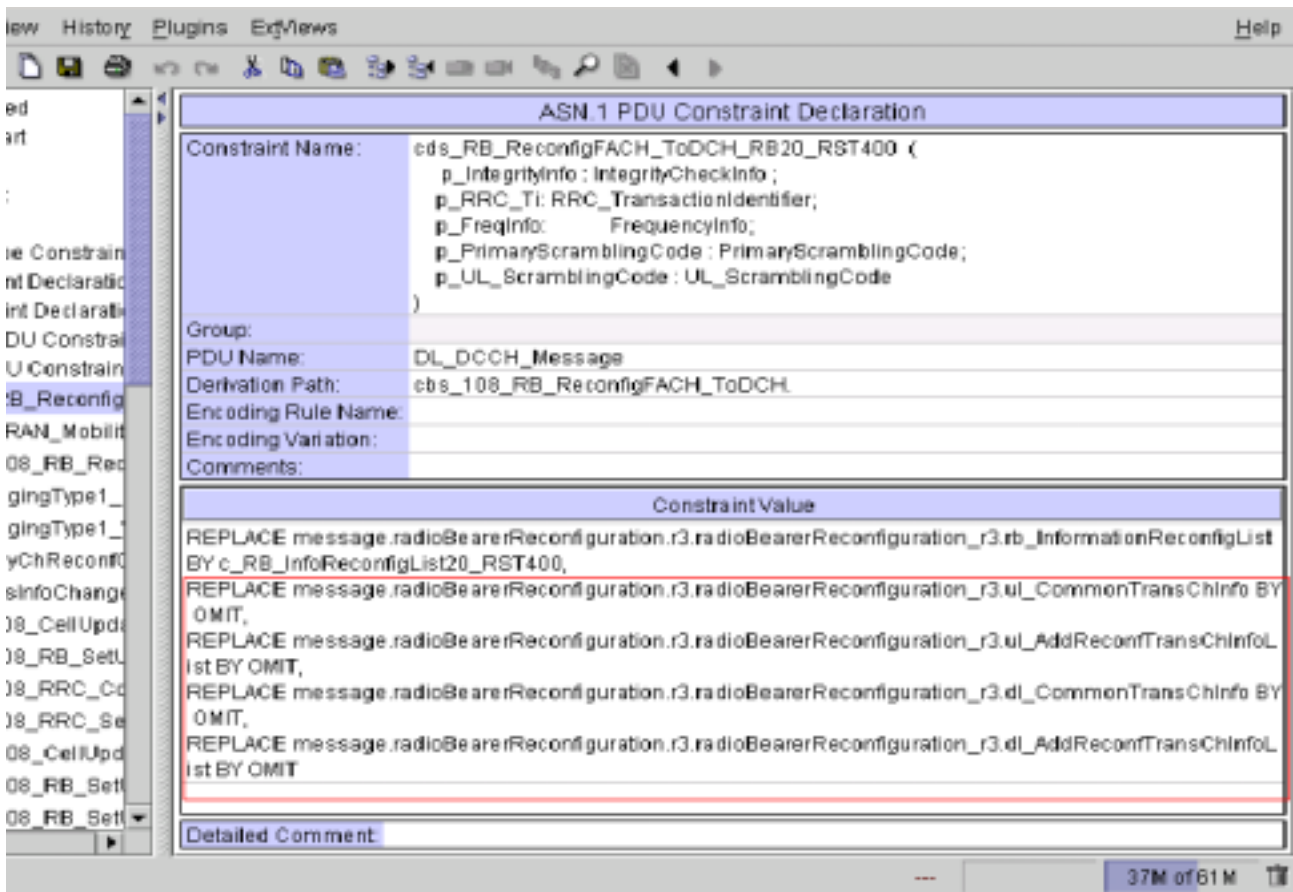
Change 1:

ASN.1 PDU Constraint Declaration	cds_RB_ReconfigFACH_ToDCH_RB20_RST400								
Reason for change	<p>TS 34.123-1 specifies that in step 1 of test cases 8.2.2.10, the following fields of radio bearer reconfiguration message should not be present:</p> <table border="1"> <tr> <td>UL Transport channel information for all transport channels</td> <td>Not Present</td> </tr> <tr> <td>Added or Reconfigured UL TrCH information</td> <td>Not Present</td> </tr> <tr> <td>DL Transport channel information common for all transport channels</td> <td>Not Present</td> </tr> <tr> <td>Added or Reconfigured DL TrCH information</td> <td>Not Present</td> </tr> </table> <p>But TTCN sends radio bearer reconfiguration message with the default value for these fields.</p>	UL Transport channel information for all transport channels	Not Present	Added or Reconfigured UL TrCH information	Not Present	DL Transport channel information common for all transport channels	Not Present	Added or Reconfigured DL TrCH information	Not Present
UL Transport channel information for all transport channels	Not Present								
Added or Reconfigured UL TrCH information	Not Present								
DL Transport channel information common for all transport channels	Not Present								
Added or Reconfigured DL TrCH information	Not Present								
Summary of change	Constraint cds_RB_ReconfigFACH_ToDCH_RB20_RST400 is modified to send radio bearer reconfiguration message which matches with the one given in 34.123-1								
Source of change	New change								

Before:



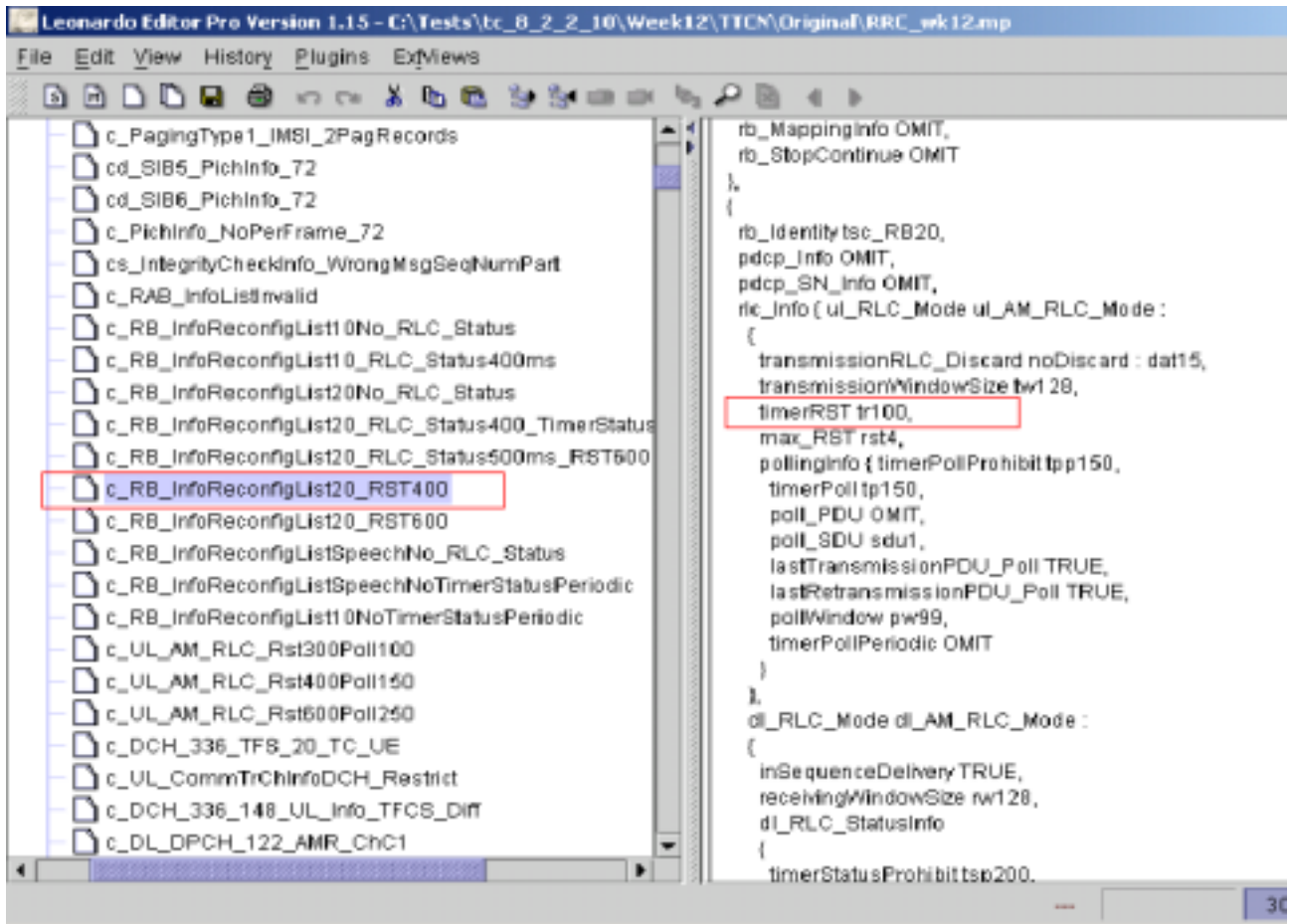
After:



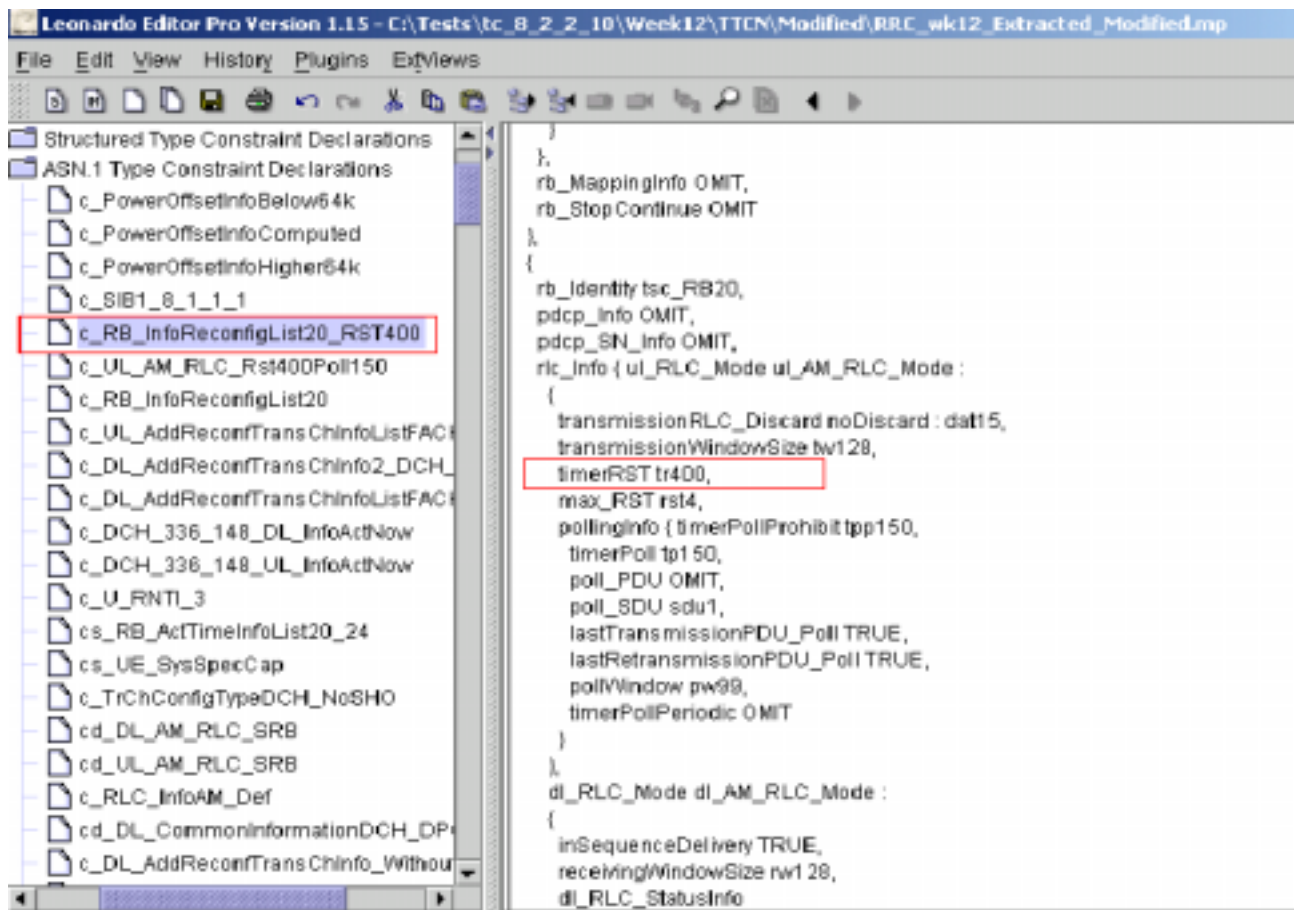
Change 2:

ASN.1 Type Constraint Declaration	c_RB_InfoReconfigList20_RST400
Reason for change	TS 34.123-1 specifies that in step 1 of test cases 8.2.2.10, for the radio bearer reconfiguration message, the value of field 'Timer_RST' which is the part of field 'RB information to reconfigure' for RB identity 20 should be 400. But the TTCN assigns value 100 to this field.
Summary of change	Constraint c_RB_InfoReconfigList20_RST400 is modified to make then field 'timerRST' of radio bearer identity tsc_RB20 set as tr400
Source of change	New change

Before:



After:



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CHANGE REQUEST

TS 34.123-3 CR 335 # rev - # Current version: **3.5.1**

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

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

Title: # Correction to RRC Package 2 TC 8.4.1.16 and 8.4.1.17 for contents of SIB 11 and Measurement reporting Interval.

Source: # Anite

Work item code: # N/A

Date: # 20/04/04

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 34.123-1 specifies that the SS shall send a SIB 11 at step 1 of test cases 8.4.1.16 and 8.4.1.17 with specified message contents:

- new intra-frequency cells for Intra-frequency cell id = 1 only
- Inter-frequency measurement system information = not present

But TTCN sends a SIB 11 with more than one cell present in intra-frequency Cell list and the cells are also present in inter-frequency Cell list.

2. The MEASUREMENT CONTROL message used in step 7 of tc_8_4_1_17 should have the IE "Measurement Command" set to "set up" as specified in specific message contents. Currently it is set to "modify" since the wrong constraint is being used.
3. In line#23 of tc_8_4_1_17, timer t_WaitMS is started, which only verifies the upper boundary. The lower boundary of 8 sec –10% is not verified. This verification of the lower boundary shall be added to the TTCN.
4. The 8 second timer started in step 11 of of tc_8_4_1_17 to ensure the UE sends no more measurement reports does not have the required 10% tolerance added.
5. In line#21 of tc_8_4_1_16, timer t_WaitMS is started, which only verifies the upper boundary. The lower boundary of 6 sec –10% is not verified. This verification of the lower boundary shall be added to the TTCN.

Summary of change: # 1. Constraint c_SIB11_ModifiedTrafficVolume is modified to send a SIB 11, which matches with the one given in TS 34.123-1.

2. Line #15 of tc_8_4_1_17 is modified by using the correct constraint cs_MeasurementControlTrafficVolumeSetup in place of cs_MeasurementControlTrafficVolumeModify.
3. Replaced Lines #22, #23, #24, #25 and #27 of the test case tc_8_4_1_17 with a new local tree It_ReceiveMeasurementReport to introduce a lower boundary check in addition to the upper boundary check for the Periodical Measurement Report.
4. Line #29 of tc_8_4_1_17 is modified by increasing the timer value to 8800 ms to consider the 10% tolerance.
5. Replaced Line #20, #21, #22, #23 and #25 of the test case tc_8_4_1_16 with a new local tree It_ReceiveMeasurementReport to introduce a lower boundary check in addition to the upper boundary check for the Periodical Measurement Report.

Consequences if not approved: ⌘ Test case may PASS in a non-compliant UE.

Clauses affected: ⌘

	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:

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

Change 1:

ASN.1 Type Constraint Declaration	c_SIB11_ModifiedTrafficVolume
Reason for change	<p>1. TS 34.123-1 specifies the SS should send a SIB 11 at step 1 with specified message contents:</p> <ul style="list-style-type: none">- new intra-frequency cells for Intra-frequency cell id = 1 only- Inter-frequency measurement system information = not present <p>But TTCN sends a SIB 11 with more than one cell present in intra-frequency Cell list and the cells are also present in Inter-frequency Cell list.</p>
Summary of change	<p>1. Constraint c_SIB11_ModifiedTrafficVolume is modified to send a SIB 11, which matches with the one given in TS 34.123-1.</p> <p>2. Removed unnecessary input parameters to the constraint c_SIB11_ModifiedTrafficVolume.</p>
Source of change	New change

Before:

Constraint Name:	c_SIB11_ModifiedTrafficVolume (p_TrafficVolumeMeasurementID : MeasurementIdentity, p_TrafficVolumeMeasurementObjectList : TrafficVolumeMeasurementObjectList; p_TrafficVolumeMeasQuantity : TrafficVolumeMeasQuantity; p_RLC_RB_BufferPayload : BOOLEAN; p_RLC_RB_BufferPayloadAverage : BOOLEAN; p_MeasurementValidity : MeasurementValidity; p_MeasurementReportTransferMode : TransferMode; p_PeriodicalOrEventTrigger : PeriodicalOrEventTrigger; p_TrafficVolumeReportCriteriaSysInfo : TrafficVolumeReportCriteriaSysInfo; 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:	Modified system information block type 11 to be used in test case 8.4.1.16
Constraint Value	
<pre> { sib12Indicator FALSE, fach_MeasurementOccasionInfo OMIT, measurementControlSysInfo { use_of_HCS_hcs_not_used { cellSelectQualityMeasure cpich_RSCP : { intraFreqMeasurementSysInfo { intraFreqMeasurementID OMIT, -1, intraFreqCellInfoSList { removedIntraFreqCellList removeNoIntraFreqCells : NULL, newIntraFreqCellList { intraFreqCellID p_ActiveCellInfo.cellid, cellInfo { cellIndividualOffset 0, referenceTimeDifferenceToCell OMIT, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_ActiveCellInfo.priScrmCode }, readSFN_Indicator TRUE, tx_DiversityIndicator FALSE }, cellSelectionReselectionInfo { q_OffsetS_N 0, maxAllowedUL_TX_Power 21, modeSpecificInfo fdd : { q_QualMin -24, q_RxlevMin -39 - IE*2+1 = -79 } } } }, { intraFreqCellID p_IntraCellInfo2.cellid, cellInfo { cellIndividualOffset 0, referenceTimeDifferenceToCell OMIT, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo2.priScrmCode }, readSFN_Indicator TRUE, tx_DiversityIndicator FALSE }, cellSelectionReselectionInfo { q_OffsetS_N 0, maxAllowedUL_TX_Power 21, modeSpecificInfo fdd : { q_QualMin -24, q_RxlevMin -39 - IE*2+1 = -79 } } } }, { intraFreqCellID p_IntraCellInfo3.cellid, cellInfo { cellIndividualOffset 0, referenceTimeDifferenceToCell OMIT, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo3.priScrmCode }, readSFN_Indicator TRUE, tx_DiversityIndicator FALSE }, cellSelectionReselectionInfo { q_OffsetS_N 0, maxAllowedUL_TX_Power 21, modeSpecificInfo fdd : { q_QualMin -24, q_RxlevMin -39 - IE*2+1 = -79 } } } }, { intraFreqCellID p_IntraCellInfo7.cellid, cellInfo { cellIndividualOffset 0, referenceTimeDifferenceToCell OMIT, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo7.priScrmCode }, readSFN_Indicator TRUE, tx_DiversityIndicator FALSE }, cellSelectionReselectionInfo { q_OffsetS_N 0, maxAllowedUL_TX_Power 21, modeSpecificInfo fdd : { q_QualMin -24, q_RxlevMin -39 - IE*2+1 = -79 } } } }, { intraFreqCellID p_IntraCellInfo8.cellid, cellInfo { cellIndividualOffset 0, referenceTimeDifferenceToCell OMIT, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo8.priScrmCode }, readSFN_Indicator TRUE, tx_DiversityIndicator FALSE }, cellSelectionReselectionInfo { q_OffsetS_N 0, maxAllowedUL_TX_Power 21, modeSpecificInfo fdd : { q_QualMin -24, q_RxlevMin -39 - IE*2+1 = -79 } } } } } } }, interFreqMeasurementSysInfo { interFreqCellInfoSList { removedInterFreqCellList OMIT, newInterFreqCellList { interFreqCellID p_InterCellInfo4.cellid, frequencyInfo p_InterCellInfo4.frequencyInfo, cellInfo { cellIndividualOffset 0, referenceTimeDifferenceToCell OMIT, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_InterCellInfo4.priScrmCode }, readSFN_Indicator TRUE, tx_DiversityIndicator FALSE }, cellSelectionReselectionInfo { q_OffsetS_N 0, maxAllowedUL_TX_Power 21, modeSpecificInfo fdd : { q_QualMin -24, q_RxlevMin -39 - IE*2+1 = -79 } } } }, { interFreqCellID p_InterCellInfo5.cellid, frequencyInfo p_InterCellInfo5.frequencyInfo, cellInfo { cellIndividualOffset 0, referenceTimeDifferenceToCell OMIT, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_InterCellInfo5.priScrmCode }, readSFN_Indicator TRUE, tx_DiversityIndicator FALSE }, cellSelectionReselectionInfo { q_OffsetS_N 0, maxAllowedUL_TX_Power 21, modeSpecificInfo fdd : { q_QualMin -24, q_RxlevMin -39 - IE*2+1 = -79 } } } }, { interFreqCellID p_InterCellInfo6.cellid, frequencyInfo p_InterCellInfo6.frequencyInfo, cellInfo { cellIndividualOffset 0, referenceTimeDifferenceToCell OMIT, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_InterCellInfo6.priScrmCode }, readSFN_Indicator TRUE, tx_DiversityIndicator FALSE }, cellSelectionReselectionInfo { q_OffsetS_N 0, maxAllowedUL_TX_Power 21, modeSpecificInfo fdd : { q_QualMin -24, q_RxlevMin -39 - IE*2+1 = -79 } } } } } } }, } }, interRATMeasurementSysInfo OMIT } </pre>	
Detailed Comment: Cell for Measurement not present in ASN.1 as mentioned in 34.123	

After:

Constraint Name:	c_SIB11_ModifiedTrafficVolume (p_TrafficVolumeMeasurementID : MeasurementIdentity, p_TrafficVolumeMeasurementObjectList : TrafficVolumeMeasurementObjectList, p_TrafficVolumeMeasQuantity : TrafficVolumeMeasQuantity, p_RLC_RB_BufferPayload : BOOLEAN, p_RLC_RB_BufferPayloadAverage : BOOLEAN, p_MeasurementValidity : MeasurementValidity, p_MeasurementReportTransferMode : TransferMode, p_PeriodicalOrEventTrigger : PeriodicalOrEventTrigger, p_TrafficVolumeReportCriteriaSysInfo : TrafficVolumeReportCriteriaSysInfo, p_ActiveCellInfo : CellInfoCtg)
Group:	
Type Name:	SysInfoType11
Derivation Path:	
Encoding Variation:	
Comments:	Modified system information block type 11 to be used in test case 8.4.1.16

Constraint Value	
<pre> { sib12Indicator FALSE, fach_MeasurementOccasionInfo OMIT, measurementControlSysInfo { use_of_HCS hcs_not_used : { cellSelectQualityMeasure cpich_RSCH : { intraFreqMeasurementSysInfo { intraFreqMeasurementID OMIT, --1, intraFreqCellInfoSI_List { removedIntraFreqCellList removeNoIntraFreqCells : NULL, newIntraFreqCellList { intraFreqCellID p_ActiveCellInfo.cellId, cellInfo { cellIndividualOffset 0, referenceTimeDifferenceToCell OMIT, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_ActiveCellInfo.priScrmCode }, readSFN_Indicator TRUE, tx_DiversityIndicator FALSE }, cellSelectionReselectionInfo OMIT }, }, }, }, interFreqMeasurementSysInfo OMIT }, interRATMeasurementSysInfo OMIT }, trafficVolumeMeasSysInfo { trafficVolumeMeasurementID p_TrafficVolumeMeasurementID, trafficVolumeMeasurementObjectList p_TrafficVolumeMeasurementObjectList, trafficVolumeMeasQuantity p_TrafficVolumeMeasQuantity, trafficVolumeReportingQuantity { rlc_RB_BufferPayload p_RLC_RB_BufferPayload, rlc_RB_BufferPayloadAverage p_RLC_RB_BufferPayloadAverage, rlc_RB_BufferPayloadVariant e FALSE }, measurementValidity p_MeasurementValidity, measurementReportingMode { measurementReportTransferMode p_MeasurementReportTransferMode, periodicalOrEventTrigger p_PeriodicalOrEventTrigger }, reportCriteriaSysInf p_TrafficVolumeReportCriteriaSysInfo }, }, nonCriticalExtensions OMIT } </pre>	

Change 2:

Local Tree and Test step	Local tree It_TestBody of tc_8_4_1_17
Reason for change	1. Constraint c_SIB11_ModifiedTrafficVolume is modified to send a SIB 11, which matches with the one given in TS 34.123-1.
Summary of change	1. Modified Line #12 of the test case 8.4.1.17 to incorporate the changes made in constraint c_SIB11_ModifiedTrafficVolume.
Source of change	New change

Before:

It_TestBody				
11	TBS	(tcv_TestBody := TRUE)		
12		<pre> +ts_SendModifiedSIB11_Sysinfo_DCH (tsc_CellA, c_SIB11_ModifiedTrafficVolume (2, OMIT, averageRLC_BufferPayload : tsc_TimeInterval, FALSE, TRUE, { ue_State cell_DCH }, unacknowledgedModeRLC, eventTrigger, trafficVolumeReportingCriteria : c_TrafficVolumeReportingCriteria (OMIT, e4b, th8k, #5000, ptat16, OMIT), tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_CellInfoG, tcv_CellInfoH)) </pre>		Step 1 in prose;
13		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		Step 2-5 in prose;
14		+it_ReceiveMeasurementReport		

After:

It_TestBody				
11	TBS	(tcv_TestBody := TRUE)		
12		<pre> +ts_SendModifiedSIB11_Sysinfo_DCH (tsc_CellA, c_SIB11_ModifiedTrafficVolume (2, OMIT, averageRLC_BufferPayload : tsc_TimeInterval, FALSE, TRUE, { ue_State cell_DCH }, unacknowledgedModeRLC, eventTrigger, trafficVolumeReportingCriteria : c_TrafficVolumeReportingCriteria (OMIT, e4b, th8k, #5000, ptat16, OMIT), tcv_CellInfoA)) </pre>		Step 1 in prose;
13		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		Step 2-5 in prose;
14		+it_ReceiveMeasurementReport		

Change 3:

Local Tree and Test step	Local tree It_TestBody of tc_8_4_1_17
Reason for change	1. The MEASUREMENT CONTROL message used in step 7 of tc_8_4_1_17 should have the IE "Measurement Command" set to "set up" as specified in specific message contents. Currently it is set to "modify" as the wrong constraint is being used.
Summary of change	1. Line #15 of tc_8_4_1_17 is modified by using the correct constraint cs_MeasurementControlTrafficVolumeSetup in place of cs_MeasurementControlTrafficVolumeModify.
Source of change	New change

Before:

It_TestBody				
11	TBS	(tcv_TestBody = TRUE)		
12		+ts_SendModifiedSIB11_SysInfo_DCH (tsc_CellA, c_SIB11_ModifiedTrafficVolume (2 , OMIT, averageRLC_BufferPayload : tsc_TimeInterval, FALSE, TRUE, (ue_State cell_DCH), unacknowledgedModeRLC, eventTrigger, trafficVolumeReportingCriteria : c_TrafficVolumeReportingCriteria (OMIT, e4b , th8k, th5000, ptat16, OMIT), tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_CellInfoG, tcv_CellInfoH))		Step 1 in prose;
13		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		Step 2-5 in prose;
14		+It_ReceiveMeasurementReport		
15		AM1RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlTrafficVolumeModify (tcv_CellInfo_d.IntegrityCheckInfo, tcv_RRC_TI, 2, (dch : tsc_UL_DCH5), ric_BufferPayload : NULL, TRUE, FALSE, FALSE, OMIT, periodicalReportingCriteria : c_PeriodicalReportingCriteria (ra8 , ri8), periodical))	Step 7 in prose;
16		(tcv_Tolerance = (8 * 1000) / 10)		

After:

It_TestBody				
11	TBS	(tcv_TestBody = TRUE)		
12		+ts_SendModifiedSIB11_SysInfo_DCH (tsc_CellA, c_SIB11_ModifiedTrafficVolume (2 , OMIT, averageRLC_BufferPayload : tsc_TimeInterval, FALSE, TRUE, (ue_State cell_DCH), unacknowledgedModeRLC, eventTrigger, trafficVolumeReportingCriteria : c_TrafficVolumeReportingCriteria (OMIT, e4b , th8k, th5000, ptat16, OMIT), tcv_CellInfoA))		Step 1 in prose;
13		+ts_ToStateMO_CS_6_9_PS_6_10Or6_11 (tsc_CellA)		Step 2-5 in prose;
14		+It_ReceiveMeasurementReport		
15		AM1RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlTrafficVolumeSetup (tcv_CellInfo_d.IntegrityCheckInfo, tcv_RRC_TI, 2, (dch : tsc_UL_DCH5), ric_BufferPayload : NULL, TRUE, FALSE, FALSE, OMIT, periodicalReportingCriteria : c_PeriodicalReportingCriteria (ra8 , ri8), periodical))	Step 7 in prose;
16		(tcv_Tolerance = (8 * 1000) / 10)		

Change 4:

Local Tree and Test step	Local tree It_TestBody of tc_8_4_1_17
Reason for change	<ol style="list-style-type: none"> 1. In line#23 of the test case 8.4.1.17, timer t_WaitMS is started, which is only verifying the upper boundary . The lower boundary of 8 sec –10% is not verified. This verification of the lower boundary shall be added to the TTCN. 2. The 8 second timer started in step 11 of of tc_8_4_1_17 to ensure the UE sends no more measurement reports does not have the required 10% tolerance added.
Summary of change	<ol style="list-style-type: none"> 1. Replaced Line #22, #23, #24, #25 and #27 with a new local tree It_ReceiveMeasurementReport to introduce a lower boundary check in addition to the upper boundary check for the Periodical Measurement Report. 2. Line #29 of tc_8_4_1_17 is modified by increasing the timer value to 8800 ms considering the 10% tolerance.
Source of change	New change

Before:

20		+ts_CheckRBsinTrafficVolMeas (tcv_RB_SRB_ReceiveList, c_RB_SRB_List)		@sic Thomas CR T1-03 1582 sic@
21		CANCEL t_WaitMS		
22		(tcv_Tolerance := (8 * 1000) / 10)		
23		START t_WaitMS (8 * 1000 + tcv_Tolerance)		
24	TBF2	? TIMEOUT t_WaitMS	(F)	
25	TBP5	AM ?RLC_AM_DATA_IND (tcv_TrafficVolMeas_Results = RLC _AM_DATA_IND.am_message.uL DCCH_Message.message.measur ementReport.measuredResults.traf ficVolumeMeasuredResultsList, tcv _RB_SRB_ReceiveList := { tcv_Traf ficVolMeas_Results [0].rb_Identity, tcv _TrafficVolMeas_Results [1].rb_Ide ntity, tcv_TrafficVolMeas_Results [2] .rb_Identity, tcv_TrafficVolMeas_Res ults [3].rb_Identity})	car_MeasurementReport (1 (P) sc_CellDedicated, tsc_RB2, cbr_AA_MeasReportTrafficV olume (2, ?, OMIT, OMIT, OM IT))	Step 9 in prose; @sic Thomas CR T1-03 1582 sic@
26		+ts_CheckRBsinTrafficVolMe as (tcv_RB_SRB_ReceiveList, c_R B_SRB_List)		
27		CANCEL t_WaitMS		
28		AM ! RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlTra fficVolumeRelease (tcv_Cel lInfo.dl_IntegrityCheckInf o, tcv_RRC_T1, 2))	Step 10 in prose;
29		START t_WaitMS (8 * 1000)		
30	TBF3	AM ?RLC_AM_DATA_IND	car_MeasurementReport (1 (F) sc_CellDedicated, tsc_RB2, cbr_AA_MeasRep ortTrafficVolume (*, *, *, *))	Step 11 in prose;

After:

20		+ts_CheckRBsInTrafficVolMeas (tcv_RB_SRB_ReceiveList, c_RB_SRB_List)		@sic Thomas CR T1-03 1582 sic@
21		CANCEL t_WaitMS		
22		START t_UpperBound (8800) , START t_LowerBound (7200)		
23	TBP5	+It_ReceivePeriodicMeasurementReport		Step 9 in prose; @sic Thomas CR T1-03 1582 sic@
24		+ts_CheckRBsInTrafficVolMeas (tcv_RB_SRB_ReceiveList, c_RB_SRB_List)		
25		AM !RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlTrafficVolumeRelease (tcv_CellInfo.dl_IntegrityCheckInfo, tcv_RRC_T1, 2))	Step 10 in prose;
26		START t_WaitMS (88000)		
27	TBF3	AM ?RLC_AM_DATA_IND	car_MeasurementReport (1 (F) sc_CellDedicated, tsc_RB2, cbr_AA_MeasReportTrafficVolume (" ", " ", " ", " "))	Step 11 in prose;
28	TBP6	? TIMEOUT t_WaitMS		(F)
29		+ts_C3_CheckCellDCH (1 sc_CellA)		Step 15 in prose; Note :-Dummy step used
30	TBE	(tcv_TestBody == FALSE)		

It_ReceivePeriodicMeasurementReport				
0		? TIMEOUT t_LowerBound		(F)
1		? TIMEOUT t_UpperBound		(F)
1		AM ?RLC_AM_DATA_IND (tcv_TrafficVolMeas_Results == RLC_AM_DATA_IND.am_message.ul_DCH_Message.message.measurementReport.measuredResults.trafficVolumeMeasuredResultsList, tcv_RB_SRB_ReceiveList := { tcv_TrafficVolMeas_Results.[0].rb_Identity, tcv_TrafficVolMeas_Results.[1].rb_Identity, tcv_TrafficVolMeas_Results.[2].rb_Identity, tcv_TrafficVolMeas_Results.[3].rb_Identity })	car_MeasurementReport (1 (F) sc_CellDedicated, tsc_RB2, cbr_AA_MeasReportTrafficVolume (2, ?, OMIT, OMIT, OMIT))	Step 9 in prose; @sic Thomas CR T1-03 1582 sic@
2		CANCEL t_UpperBound		
0		AM ?RLC_AM_DATA_IND (tcv_TrafficVolMeas_Results == RLC_AM_DATA_IND.am_message.ul_DCH_Message.message.measurementReport.measuredResults.trafficVolumeMeasuredResultsList, tcv_RB_SRB_ReceiveList := { tcv_TrafficVolMeas_Results.[0].rb_Identity, tcv_TrafficVolMeas_Results.[1].rb_Identity, tcv_TrafficVolMeas_Results.[2].rb_Identity, tcv_TrafficVolMeas_Results.[3].rb_Identity })	car_MeasurementReport (1 (F) sc_CellDedicated, tsc_RB2, cbr_AA_MeasReportTrafficVolume (2, ?, OMIT, OMIT, OMIT))	Step 9 in prose; @sic Thomas CR T1-03 1582 sic@

Detailed Comment:

Change 5:

Local Tree and Test step	Local tree It_TestBody of tc_8_4_1_16
Reason for change	1. Constraint c_SIB11_ModifiedTrafficVolume is modified to send a SIB 11, which matches with the one given in TS 34.123-1.
Summary of change	1. Modified Line #12 of the test case 8.4.1.16 to incorporate the changes made in constraint c_SIB11_ModifiedTrafficVolume.
Source of change	New change

Before:

It_TestBody				
11	TBS	(tcv_TestBody = TRUE)		
12		<pre> +ts_SendModifiedSIB11_SysInfo (ts c_CellA, c_SIB11_ModifiedTrafficVolume (4, { rachortpch : NULL }, ric_BufferPayload : NULL, TRUE, FALSE, { ue_State all_But_Cell_DCH }, acknowledgedModeRLC, periodical, periodicalReportingCriteria : c_Perio dicalReportingCriteria (ra_Infinity, ri6), tcv_CellInfoA, tcv_CellInfoB , tcv_C ellInfoC, tcv_CellInfoD, tcv_CellInfoE , tcv_CellInfoF, tcv_CellInfoG, tcv_Cell InfoH)) </pre>		Step 1 in prose;
13		<pre> +ts_ToStateMO_CS_6_9_PS_6_10 Or6_11_MeasReport (tsc_CellA) </pre>		Step 2 - 5 in prose;

After:

It_TestBody				
11	TBS	(tcv_TestBody = TRUE)		
12		<pre> +ts_SendModifiedSIB11_SysInfo (t sc_CellA, c_SIB11_ModifiedTrafficVolume (4, { rachortpch : NULL }, ric_BufferPayload : NULL, TRUE, FALSE, { ue_State all_But_Cell_DCH }, acknowledgedModeRLC, periodical, periodicalReportingCriteria : c_Perio dicalReportingCriteria (ra_Infinity, ri6), tcv_CellInfoA)) </pre>		Step 1 in prose;
13		<pre> +ts_ToStateMO_CS_6_9_PS_6_1 0Or6_11_MeasReport (tsc_CellA) </pre>		Step 2 - 5 in prose;

Change 6:

Local Tree and Test step	Local tree It_TestBody of tc_8_4_1_16
Reason for change	1. In line#21 of the test case 8.4.1.16, timer t_WaitMS is started, which is only verifying the upper boundary . The lower boundary of 8 sec –10% is not verified. This verification of the lower boundary shall be added to the TTCN.
Summary of change	1. Replaced Line #20, #21, #22, #23 and #25 of the test case tc_8_4_1_16 with a new local tree It_ReceiveMeasurementReport to introduce a lower boundary check in addition to the upper boundary check for the Periodical Measurement Report.
Source of change	New change

Before:

18		+ts_CheckRBsinTrafficVolMeas (tcv_RB_SRB_ReceiveList, c_RB_SRB_RAB_List)			@sic Thomas CR T1-03 1582 sic@
19		CANCEL t_WaitMS			
20		(tcv_Tolerance = (5 * 1000) / 10)			
21		START t_WaitMS (5 * 1000 + tcv_Tolerance)			
22	TBF2	? TIMEOUT t_WaitMS		(F)	
23	TBP2	AM ?RLC_AM_DATA_IND (tcv_TrafficVolMeas_Results = RLC_AM_DATA_IND.am_message.ul_DCH_Message.message.measurementReport.measuredResults.trafficVolumeMeasuredResultsList, tcv_RB_SRB_ReceiveList = { tcv_TrafficVolMeas_Results [0].rb_Identity, tcv_TrafficVolMeas_Results [1].rb_Identity, tcv_TrafficVolMeas_Results [2].rb_Identity, tcv_TrafficVolMeas_Results [3].rb_Identity, tcv_TrafficVolMeas_Results [4].rb_Identity})	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cbr_AA_MeasReportTrafficVolume_SRB_RB20 (4, ?, OMIT, OMIT, OMIT))	(P)	Step 7 in prose; @sic Thomas CR T1-03 1582 sic@
24		+ts_CheckRBsinTrafficVolMeas (tcv_RB_SRB_ReceiveList, c_RB_SRB_RAB_List)			@sic Thomas CR T1-03 1582 sic@
25		CANCEL t_WaitMS			
26		AM !RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlTrafficVolumeSetup (tcv_CellInfo.dl_IntegrityCheckInfo, tcv_RRC_Tl,		Step 8 in prose;

After:

17	TBP1	AM ?RLC_AM_DATA_IND (tcv_TrafficVolMeas_Results = RLC_AM_DATA_IND.am_message.ul_DCH_Message.message.measurementReport.measuredResults.trafficVolumeMeasuredResultsList, tcv_RB_SRB_ReceiveList = { tcv_TrafficVolMeas_Results [0].rb_Identity, tcv_TrafficVolMeas_Results [1].rb_Identity, tcv_TrafficVolMeas_Results [2].rb_Identity, tcv_TrafficVolMeas_Results [3].rb_Identity, tcv_TrafficVolMeas_Results [4].rb_Identity})	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cbr_AA_MeasReportTrafficVolume_SRB_RB20 (4, ?, OMIT, OMIT, OMIT))	(P)	Step 6 in prose; @sic Thomas CR T1-03 1582 sic@
18		+ts_CheckRBsinTrafficVolMeas (tcv_RB_SRB_ReceiveList, c_RB_SRB_RAB_List)			@sic Thomas CR T1-03 1582 sic@
19		CANCEL t_WaitMS			
20		START t_UpperBound (6600), START t_LowerBound (5400)			
21	TBP2	+t_ReceivePeriodicMeasurementReport			Step 7 in prose; @sic Thomas CR T1-03 1582 sic@
22		+ts_CheckRBsinTrafficVolMeas (tcv_RB_SRB_ReceiveList, c_RB_SRB_RAB_List)			@sic Thomas CR T1-03 1582 sic@
23		AM !RLC_AM_DATA_REQ	cas_MeasurementControl (tsc_CellDedicated, tsc_RB2, cs_MeasurementControlTrafficVolumeSetup (tcv_CellInfo.dl_IntegrityCheckInfo, tcv_RRC_Tl,		Step 8 in prose;

It_ReceivePeriodicMeasurementReport					
0		? TIMEOUT_t_LowerBound		(P)	
1		? TIMEOUT_t_UpperBound		(F)	
1		AM ?RLC_AM_DATA_IND (tcv_TrafficVolMeas_Results => RLC_AM_DATA_IND.am_message.ul_DCH_Message.message.measurementReport.measuredResults.trafficVolumeMeasuredResultsList, tcv_RB_SRB_ReceiveList = (tcv_TrafficVolMeas_Results [0].rb_identity, tcv_TrafficVolMeas_Results [1].rb_identity, tcv_TrafficVolMeas_Results [2].rb_identity, tcv_TrafficVolMeas_Results [3].rb_identity, tcv_TrafficVolMeas_Results [4].rb_identity))	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cbr_AA_MeasReportTrafficVolume_SRB_RB20 (4, ?, OMIT, OMIT, OMIT))	(P)	Step 7 in prose; @sic Thomas CR T1-03 1582 sic@
2		CANCEL_t_UpperBound			
0		AM ?RLC_AM_DATA_IND (tcv_TrafficVolMeas_Results => RLC_AM_DATA_IND.am_message.ul_DCH_Message.message.measurementReport.measuredResults.trafficVolumeMeasuredResultsList, tcv_RB_SRB_ReceiveList = (tcv_TrafficVolMeas_Results [0].rb_identity, tcv_TrafficVolMeas_Results [1].rb_identity, tcv_TrafficVolMeas_Results [2].rb_identity, tcv_TrafficVolMeas_Results [3].rb_identity, tcv_TrafficVolMeas_Results [4].rb_identity))	car_MeasurementReport (tsc_CellDedicated, tsc_RB2, cbr_AA_MeasReportTrafficVolume_SRB_RB20 (4, ?, OMIT, OMIT, OMIT))	(F)	Step 7 in prose; @sic Thomas CR T1-03 1582 sic@

CR-Form-v7

CHANGE REQUEST

TS 34.123-3 CR 336 # rev - # Current version: **3.5.1**

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 common test step "ts_SS_2_FACH_1_RACH_ModifyDCH_Cfg" of RRC ATS to release unused RLC entity, related to test cases 8.4.1.18 and 8.4.1.19		
Source:	# Anite		
Work item code:	# N/A	Date:	# 20/04/2004
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. SS tries to configure RLC for RB BCCH_FACH while going from Cell_DCH to Cell_FACH, which is already created in the preamble test step "ts_SS_CreateCellFACH".
	2. While transiting from CELL_FACH to CELL_DCH state, SS removes mapping of BCCH (for signalling RB BCCH_FACH) from transport channel FACH, without releasing the unused RLC entity BCCH_FACH. This unused RLC entity BCCH_FACH, has to be released.
Summary of change:	# 1. A new line (#5) to invoke "ts_CRLC_Rel", is added in the test step "ts_SS_2_FACH_1_RACH_ModifyDCH_Cfg" to release RLC entity BCCH_FACH.
Consequences if not approved:	# Test case will fail a compliant UE.

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

How to create CRs using this form:

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

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

Change 1:

Local Tree and Test step	Test step ts_SS_2_FACH_1_RACH_ModifyDCH_Cfg
Reason for change	<ol style="list-style-type: none"> 1. SS tries to configure RLC for BCCH_FACH while going from Cell_DCH to Cell_FACH, which is already created in the preamble test step "ts_SS_CreateCellFACH". 2. While transiting from CELL_FACH to CELL_DCH state, SS removes mapping of BCCH (for signalling RB BCCH_FACH) from transport channel FACH, with out releasing the unused RLC entity BCCH_FACH. This unused RLC entity has to be released.
Summary of change	A new line (#5) to invoke test step "ts_CRLC_Rel", is added in the test step "ts_SS_2_FACH_1_RACH_ModifyDCH_Cfg" to release RLC entity BCCH_FACH
Source of change	New change

TTCN before change:

Test Step					
Test Step Id: ts_SS_2_FACH_1_RACH_ModifyDCH_Cfg (p_CellId : INTEGER)					
Test Step Group Ref: RRCM_SS_Steps/					
Objective: To reconfigure SS from FACH to DCH state: 1> reconfigure CMAC : CMAC-reconfig (cellid) 2> create DPCH: CPHY-RL-Setup (cellid), CPHY-TrCh-conf (cellid), CMAC-conf (cell-1)					
Defaults: SS_Def					
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ ts_SetTmpCellInfo (p_CellId)			
2		[px_RAT = fdd]			
3		CMAC CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNo w (p_CellId, tsc_S_CCPCH1 , c_UE_Info (OMIT, OMIT), c_ TrChInfoPCH_FACH, c_ TrLog MappingPCH_FACH_CellDC H)		map PCCH to PCH + Map CCCH to FACH
4		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId, tsc_S_CCPCH1)		
5		CMAC CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNo w (p_CellId, tsc_PRACH1, c_ UE_Info (OMIT, OMIT), cb_ Tr ChInfoRACH1, cb_ TrLogMapp ingRACH2)		mapping CCCH to RACH
6		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId, tsc_PRACH1)		
7		+ It_ConfigDPCH			
8	ERR1	[px_RAT = fdd]			
9	ERR2	[TRUE]			

TTCN after change:

Test Step					
Test Step Id:	ts_SS_2_FACH_1_RACH_ModifyDCH_Cfg (p_CellId : INTEGER)				
Test Step Group Ref:	RRCM_SS_Steps/				
Objective:	To reconfigure SS from FACH to DCH state: 1> reconfigure CMAC : CMAC-reconfig (cellid) 2> create DPCH: CPHY-RL-Setup (cellid), CPHY-TrCh-conf (cellid), CMAC-conf (cell-1)				
Defaults:	SS_Def				
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ ts_SetTmpCellInfo (p_CellId)			
2		[px_RAT = tsd]			
3		CMAC CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNo w (p_CellId, tsc_S_CCPCH1, c_UE_Info (OMIT, OMIT), c_ TrChInfoPCH_FACH, c_TrLog MappingPCH_FACH_CellDC H)		map PCCH to PCH + Map CCCH to FACH
4		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId, tsc_S_CCPCH1)		
5		+ ts_CRLC_Rel (p_CellId , tsc_RB _BCCH_FACH)			
6		CMAC CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNo w (p_CellId, tsc_PRACH1, c_ UE_Info (OMIT, OMIT), cb_Tr ChInfoRACH1, cb_TrLogMapp ingRACH2)		mapping CCCH to RACH
7		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId, tsc_PRACH1)		
8		+ it_ConfigDPCH			
9	ERR1	[px_RAT = tsd]		I	
10	ERR2	[TRUE]		I	

CR-Form-v7	
CHANGE REQUEST	
# TS 34.123-3 CR 323 # rev - #	Current version: 3.5.1 #

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

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

Title:	# Correction to Package 3 NAS CC test cases 10_1_2_5_5, 10_1_2_6_2 and 10_1_2_7_2 to validate the current TI value.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 7-May-04
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:	# 34.123-1 section 10.1.2.5.5, 10.1.2.6.2 and 10.1.2.7.2; In the expected sequence, after MO call establishment and successful call release, the TI value needs to be verified through SS initiated STATUS ENQUIRY and UE initiated RELEASE COMPLETE for <i>current TI</i> . (as accepted by CR T1s040231 Section 4.2). But in TTCN implementation verification is done always with TI value = 0, not <i>current TI</i> value.
Summary of change:	# TTCN implementation of ts_CC_CheckStateU0_MO_CurrentTI step is corrected to use <i>current TI</i> value (This test step is used by affected test cases 10.1.2.5.5, 10.1.2.6.2 and 10.1.2.7.2).
Consequences if not approved:	# Test case may pass with non-conformant UE..

Clauses affected:	# 34.123-3 NAS ATS test case tc_10_1_2_5_5, tc_10_1_2_6_2 and tc_10_1_2_7_2						
Other specs Affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#			
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#			
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
Other comments:	#						

How to create CRs using this form:

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

Change 1.

Test step name ts_CC_CheckStateU0_MO_CurrentTI

Reason for change Step which overwrites current TI value = 0 (tcv_Counter) needs to be removed.

Summary of change Step#1, which overwrites tcv_TI_S and tcv_TI_R deleted.

Source of change

Before change:

1		<code>< tcv_TI_S.tVal = INT_TO_BIT (tcv_Counter , 3), tcv_TI_R.tVal = INT_TO_BIT (tcv_Counter , 3)</code>			
2		<code>Dc1 RRC_DataReq</code>	<code>ca_DataReq (tsc_CellDedicated, tsc_RB3, cs_StatusEq (tcv_TI_S))</code>		
3	TSP	<code>Dc ? RRC_DataInd</code>	<code>car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_RelCmpICau (tcv_TI_R, 81))</code>	(P)	1.

After change:

1		<code>Dc1 RRC_DataReq</code>	<code>ca_DataReq (tsc_CellDedicated, tsc_RB3, cs_StatusEq (tcv_TI_S))</code>		
2	TSP	<code>Dc ? RRC_DataInd</code>	<code>car_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_RelCmpICau (tcv_TI_R, 81))</code>	(P)	1.

CR-Form-v7

CHANGE REQUEST

⌘ **TS 34.123-3 CR 324** ⌘ rev - ⌘ Current version: **3.5.1** ⌘

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

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

Title:	⌘ Correction to Package 3 NAS CC test cases 10.1.2.6.6; introducing PIXIT parameter for UE Call waiting support .		
Source:	⌘ Anite		
Work item code:	⌘ N/A	Date:	⌘ 05-May-04
Category:	⌘ F	Release:	⌘ R99
	<p>Use <u>one</u> of the following categories:</p> <p>F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p>		<p>Use <u>one</u> of the following releases:</p> <p>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)</p>

Reason for change:	⌘ TS 34.123-1 section 10.1.2.6.6.4 states Related ICS/IXIT statements - supported MO circuit switched basic services. - support of call waiting Y/N TS 34.123-3 Table B.3: NAS PIXIT does not define PIXIT parameter for 'Support of Call waiting'. NAS ATS does not define pixit parameter for UE supporting Call waiting. 10.1.2.6.6 test case TTCN implementation does not implement separate execution path based on 'UE supports Call waiting' as per test specification.
Summary of change:	⌘ 1. TS 34.123-3 Table B.3: NAS PIXIT, New PIXIT parameter introduced for UE support of call waiting. 2. NAS ATS defines new test suite parameter for 'UE supporting call waiting' 3. tc_10_1_2_6_6 test case uses 'UE supporting call waiting' PIXIT parameter to decide to process RELEASE COMPLETE or CALL CONFIRMED message from UE.
Consequences if not approved:	⌘ Test case TTCN implementation not according to test specification.

Clauses affected:	⌘	TS 34.123-3 Table B.3, NAS ATS tc_10_1_2_6_6										
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:	⌘											

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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: Introducing new NAS PIXIT parameter in TS 34.123-3 Table B.3

Table B.3: NAS PIXIT

Parameter name	Description	Type	Default value	Supported value
Px_AuthRAND_2	A second Random Challenge (128 bits)	BITSTRING	'1010101...10'B	
Px_AutocallingBlacklistNumber	Number of B-party numbers that can be stored in the list of blacklisted numbers	INTEGER	20	
Px_AutocallingCause1or2	Cause value of category 1 or 2 to be used in TC_17_1_3	INTEGER	18	
Px_AutocallingNumber	Called number to be used for auto calling	IA5String	"0613454120"	
Px_AutocallingRepeatCat1or2	Number of repeat attempt done for the category 1 or 2 to be used in TC_17_1_3	INTEGER	10	
Px_CC_ServNotSupp	Not supported service selected for Mobile Originated calls and Mobile Terminated calls. The possible values are ("Telephony", "EmergencyCall", "31kHz", "V110", "V120", "PIAFS", "FTM", "X31", "BTM", "MmediaCall")	Services	"BTM"	
px_DTMF_BasicCharSet	TRUE if DTMF Chars 0-9, *, # supported	BOOLEAN	TRUE	
px_DTMF_OtherCharSet	TRUE if DTMF Chars A, B, C, D supported	BOOLEAN	TRUE	
px_DTMF_ToneInd	TRUE if UE support DTMF tone indication	BOOLEAN	TRUE	
px_EmergencyCallNumber	Emergency Number used by UE to initiate an emergency call	EmergencyNumber	"112"	
px_NoNwOrgPDP_ContextSupp	This indicates the number of network originated PDP context supported by the UE	INTEGER (0..7)	7	
Px_SecPDP_Support	This indicates if the UE supports Secondary PDP Context or not.	BOOLEAN	TRUE	
px_TMSI_2	Second TMSI value	OCTETSTRING	'09876543'O	
px_UuInfo	User-user information for TC 10_3	OCTETSTRING	'01020304'O	
px_Uupd	User-user protocol discriminator for TC 10_3	B8	'00000100'B	
px_PTMSI_2	Second PTMSI used for testing.	OCTETSTRING	'09876543'O	
px_PTMSI_Sig2	Second PTMSI signature used for testing.	OCTETSTRING	'AB1234'O	
px_VTS_AT_CommandSupport	TRUE if the AT command +VTS is supported	BOOLEAN	TRUE	
px_CallWaitingSupp	TRUE if UE supports the call waiting supplementary service	BOOLEAN	FALSE	

Change 2: New test suite parameter to NAS ATS

Test step name Test Suite Parameter Declarations

Reason for change New PIXIT parameter *px_CallWaitingSupp*

Summary of change **PIXIT parameter name** : px_CallWaitingSupp

Type: BOOLEAN

PIXIT/PIXIT Ref : PIXIT Table B.3

Comments : TRUE if UE supports the call waiting supplementary service

Default value: FALSE

Source of change

Change 3: Changes to tc_10_1_2_6_6 test body.

Test step name tc_10_1_2_6_6 local Tree It_RelCompOrCallConf

Reason for change *px_CallWaitingSupp* parameter value checked for receiving RELEASE COMPLETE or CALL CONFIRMED from UE.

Summary of change Step#18: (NOT *px_CallWaitingSupp*) and Step#20: *px_CallWaitingSupp* conditions introduced.

Source of change

Before Change:

It_RelCompOrCallConf					
18	TBP1	Dc ? RRC_DataInd	car_UplinkDirectTransfer (ts c_CellDedicated, tsc_RB3, c r_RelCmplCau (tcv_TL_R, 17))	(P)	5. Step A2
19		Dc ? RRC_DataInd (tcv_CallConf := RRC_DataInd.msg, tcv_RAB_Id := tcv_CallConf.streamId.val)	car_UplinkDirectTransfer (ts c_CellDedicated, tsc_RB3, c dr_CallConfCau17 (tcv_TL_R, cr_StreamIdPresent))		Step B2a @sic VB sasken email 04/03/2004 sic@
20		+It_AltOrRelCompl			
21		Dc ? RRC_DataInd (tcv_CallConf := RRC_DataInd.msg, tcv_RAB_Id := tsc_RAB_DefCS)	car_UplinkDirectTransfer (ts c_CellDedicated, tsc_RB3, c dr_CallConfCau17 (tcv_TL_R, -))		Step B2b @sic VB sasken email 04/03/2004 sic@
22		+It_AltOrRelCompl			

After Change:

It_RelCompOrCallConf					
18	TBP1	[(NOT <i>px_CallWaitingSupp</i>)]	Dc ? RRC_DataInd	car_UplinkDirectTransfer (ts c_CellDedicated, tsc_RB3, c r_RelCmplCau (tcv_TL_R, 17))	(P) 5. Step A2
20		[(<i>px_CallWaitingSupp</i>)]			
21		Dc ? RRC_DataInd (tcv_CallConf := RRC_DataInd.msg, tcv_RAB_Id := tcv_CallConf.streamId.val)	car_UplinkDirectTransfer (ts c_CellDedicated, tsc_RB3, c dr_CallConfCau17 (tcv_TL_R, cr_StreamIdPresent))		Step B2a @sic VB sasken email 04/03/2004 sic@
22		+It_AltOrRelCompl			
23		Dc ? RRC_DataInd (tcv_CallConf := RRC_DataInd.msg, tcv_RAB_Id := tsc_RAB_DefCS)	car_UplinkDirectTransfer (ts c_CellDedicated, tsc_RB3, c dr_CallConfCau17 (tcv_TL_R, -))		Step B2b @sic VB sasken email 04/03/2004 sic@
24		+It_AltOrRelCompl			

CR-Form-v7

CHANGE REQUEST

TS 34.123-3 CR 325 # rev - # Current version: **3.5.1**

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 SM test case 11.1.1.1 in handling Modify PDP Context procedure.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 7-MAY-04
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:	# TS 34.123-1 11.1.1.1 Expected Sequence Steps#9 and #10 specifies sequence of MODIFY PDP CONTEST REQUEST (SS to UE) and MODIFY PDP CONTEXT ACCEPT (UE to SS) messages. The specified sequence does not include (24.008 6.1.3.3.4) 'Abnormal Behaviour' which includes 4 repetitions of sending MODIFY PDP CONTEXT REQUEST, in case of T3386 timer expiry for MODIFY PDP CONTEXT ACCEPT. The TTCN implements abnormal behaviour with 4 retries which is not required.		
Summary of change:	# TTCN modified to remove 'Abnormal Behaviour' case of MODIFY PDP CONTEXT REQUEST retry and T3386 timer handling. New test step introduced to handling MODIFY PDP CONTEXT ACCEPT without 4 retries.		
Consequences if not approved:	# Test case implementation not according to test specification		

Clauses affected:	# 34.123-3 NAS ATS test cases 11.1.1.1						
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#	
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
Other comments:	#						

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Change 1 : New test step

Local Tree and Test step	<i>ts_ModifyPDP_Context_MT_Accept_2</i>
Reason for change	New step
Summary of change	Sending MODIFY PDP CONTEXT REQUEST (SS to UE) and handling MODIFY PDP CONTEXT ACCEPT (UE to SS), without abnormal case.
Source of change	Anite

Test Step Id:	ts_ModifyPDP_Context_MT_Accept_2 (p_t: T); p_LLC_SAPI_v: LLC_SAPI_v; p_qos_lv: QualityOfService_lv)				
Test Step Group Ref:	SM_Steps1				
Objective:	To modify PDP Context				
Defaults:	NAS_OtherwiseFail				
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Ver..	Comments
1		Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cbs_Modify_PDP_ContextReq_MT(p_t, p_LLC_SAPI_v, p_qos_lv))		Send Modify PDP Context Request message
2		Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cbr_Modify_PDP_ContextAcq_MO)	(P)	Receive Modify PDP Context Activation Accept message

Change 2 : New test step

Local Tree and Test step	<i>tc_11_1_1_1 It_Tree1, Step#27</i>
Reason for change	Call for new introduced test step ts_ModifyPDP_Context_MT_Accept_2
Summary of change	New test step call is made to avoid Modify PDP Context procedure with T3386 time expiry and retry abnormal case.
Source of change	Anite

Before change:

26		+ts_InitialiseDlyAndTrafficClass		
27		+ts_ModifyPDP_Context_MT_Accept(tcw_TI_S, tcw_LLC_SAPI_v, cs_QoS_interactiveOrBackgroundMT_v (tcw_DlyClass, tcw_TrafficClass))		Steps 9-10
28	TBE	(tcw_TestBody:=FALSE)		

After change:

26		+ts_InitialiseDlyAndTrafficClass		
27		+ts_ModifyPDP_Context_MT_Accept_2(tcw_TI_S, tcw_LLC_SAPI_v, cs_QoS_interactiveOrBackgroundMT_v (tcw_DlyClass, tcw_TrafficClass))		Steps 9-10
28	TBE	(tcw_TestBody:=FALSE)		

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CHANGE REQUEST

TS 34.123-3 CR 326 # rev - # Current version: **3.5.1**

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 Radio Bearer setup message for Package 1 RAB test case 14.2.13.1 and package 2 RAB test case 14.2.15.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 6/05/04
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: #	<ol style="list-style-type: none"> 1. The Radio Bearer Setup message used in step 9 of TC 14.2.13.1 and 14.2.15 contains the "RB Information to be affected" information element. As described 3GPP TS 34.108 V3.15.0 clause 9.1.1 Default RRC Message Contents (FDD) the "RB Informaion to be affected" information element shall not be present in this message. 2. The Radio Bearer Setup message used in step 9 of TC 14.2.13.1 and 14.2.15 contains "Frequency info" information element. As described 3GPP TS 34.108 V3.15.0 clause 9.1.1 Default RRC Message Contents (FDD) the "Frequency info" information element shall only be present if frequency is different from the current frequency otherwise this Information element shall be set to Not present. In TC 14.2.13.1 and 14.2.15 the frequency has not changed, thus the "Frequency info" information element shall be set to not present.
Summary of change: #	<ol style="list-style-type: none"> 1. In the test step "ts_SendRB_SetUpDCH_64k_CS_Segmented" at line number 2, for the constraint "cs_RRC_RB_SetUp" 5th parameter is replaced with OMIT. 2. In the test step "ts_SendRB_SetUpDCH_64k_CS_Segmented" at line number 2, for the constraint "cs_RRC_RB_SetUp" last parameter is replaced with OMIT. 3. In the test step "ts_RB_SendRB_SetUpStreamUnknown14_4k" at line number 2, for the constraint "cs_RRC_RB_SetUp" 5th parameter is replaced with OMIT. 4. In the test step "ts_RB_SendRB_SetUpStreamUnknown14_4k" at line

number 2, for the constraint "cs_RRC_RB_SetUp" last parameter is replaced with OMIT.

Consequences if not approved: ⌘ Test case may fail conformant UE.

Clauses affected: ⌘ None

Other specs affected: ⌘

Y	N
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Other core specifications ⌘
Test specifications ⌘
O&M Specifications ⌘

Other comments: ⌘

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

Change 1.

Test step name ts_SendRB_SetUpDCH_64k_CS_Segmented

- Reason for change**
1. The Radio Bearer Setup message used in step 9 of TC 14.2.13.1 contains the "RB Information to be affected" information element. As described 3GPP TS 34.108 V3.15.0 clause 9.1.1 Default RRC Message Contents (FDD) the "RB Informaion to be affected" information element shall not be present in this message.
 2. The Radio Bearer Setup message used in step 9 of TC 14.2.13.1 contains "Frequency info" information element. As described 3GPP TS 34.108 V3.15.0 clause 9.1.1 Default RRC Message Contents (FDD) the "Frequency info" information element shall only be present if frequency is different from the current frequency otherwise this Information element shall be set to Not present. In TC 14.2.13.1 the frequency has not changed, thus the "Frequency info" information element shall be set to not present.

- Summary of change**
1. In the test step "ts_SendRB_SetUpDCH_64k_CS_Segmented" at line number 2, for the constraint "cs_RRC_RB_SetUp" 5th parameter is replaced with OMIT.
 2. In the test step "ts_SendRB_SetUpDCH_64k_CS_Segmented" at line number 2, for the constraint "cs_RRC_RB_SetUp" last parameter is replaced with OMIT.

Source of change New change

Before change:

Test Step			
Test Step Id:	ts_SendRB_SetUpDCH_64k_CS_Segmented (p_CellId: INTEGER, p_RAB_Id : BITSTRING, p_ActTime: ActivationTime)		
Test Step Group Ref:	RB_Steps/RB_Setup/		
Objective:	To setup a RADIO BEARER Cell_DCH_64kCS_RAB_SRB and to reconfigure the SS accordingly.		
Defaults:	RRC_Deflt		
Comments:	This Step is used by RLC test cases. See TS 34.108 clause 6.10.2.4.1.13		
Nr	Lab..	Behaviour Description	Constraint Ref
1		+ ts_SetTmpCellInfo (p_CellId)	
2		AM ? RLC_AM_DATA_REQ	<pre> cas_RB_SetUpAM_WithCnf(tsc_CellDedicated, tsc_RB2, tsc_MuI, cs_RRC_RB_SetUp (cs_IntegrityCheckInfo0, tcv_RRC_TI , p_ActTime, cell_DCH, tcv_TmpCellInfo.frequencyInfo, c_RAB_InfoListTM_64k (c_ReEstTimerT314, p_RAB_Id, c_RLC_InfoTM_Def, Seg_False), c_UL_CommTrChInfoTM_64k, c_UL_AddReconfTransChInfoListTM_64k, c_DL_CommonTransChInfoSameAsUL, c_DL_AddReconfTransChInfoListTM_64k, c_DL_InformationPerRL(tcv_TmpCellInfo.priScrmCode , tsc_DL_DPCH1_Ch C_64k_CS, tcv_TmpCellInfo.d_DPCH_2ndScrmCode), c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_CS), cb_UL_DPCH_Info (tsc_UL_DPDCH_SF_64k_CS, pI0_B8, tcv_TmpCellInfo.u L_ScramblingCode), c_RB_AffectedListSRB_DCH) </pre>
3		AM ? RLC_AM_DATA_CNF	car_AM_DataMuIConf(tsc_CellDedicated, tsc_RB2, tsc_MuI)

After change:

Test Step			
Test Step Id:	ts_SendRB_SetUpDCH_64k_CS_Segmented (p_CellId: INTEGER, p_RAB_Id : BITSTRING, p_ActTime: ActivationTime)		
Test Step Group Ref:	RB_Steps/RB_Setup		
Objective:	To setup a RADIO BEARER Cell_DCH_64kCS_RAB_SRB and to reconfigure the SS accordingly.		
Defaults:	RRC_Def1		
Comments:	This Step is used by RLC test cases.		
	See TS 34.108 clause 6.10.2.4.1.13		
Nr	Lab...	Behaviour Description	Constraint Ref
1		+ ts_SetTmpCellInfo (p_CellId)	
2		AM I RLC_AM_DATA_REQ	<pre> cas_RB_SetUpAM_WithCnf(tsc_CellDedicated, tsc_RB2, tsc_MuI, cs_RRC_RB_SetUp (cs_IntegrityCheckInfo0, tsv_RRC_TI, p_ActTime, OMIT, c_RAB_InfoListTM_64k (c_ReEstTimerT314, p_RAB_Id, c_RLC_InfoTM_Def_Seg_False), c_UL_CommTrChInfoTM_64k, c_UL_AddReconfTransChInfoListTM_64k, c_DL_CommonTransChInfoSameAsUL, c_DL_AddReconfTransChInfoListTM_64k, c_DL_InformationPerRL (tsv_TmpCellInfo.priScrmCode , tsc_DL_DPCH1_ChC_64k_CS , tsv_TmpCellInfo.dl_DPCH_2ndScrmCode), c_DL_CommonInformationRB_SetUp (tsc_DL_DPCH1_SFP_64k_CS), cb_UL_DPCH_Info (tsc_UL_DPCH_SF_64k_CS, pi0_B8, tsv_TmpCellInfo.ul_ScramblingCode), OMIT)) </pre>
3		AM ? RLC_AM_DATA_CNF	car_AM_DataMuIConf (tsc_CellDedicated, tsc_RB2, tsc_MuI)

Change 2.

Test step name ts_RB_SendRB_SetUpStreamUnknown14_4k

- Reason for change**
1. The Radio Bearer Setup message used in step 9 of TC 14.2.15 contains the “RB Information to be affected” information element. As described 3GPP TS 34.108 V3.15.0 clause 9.1.1 Default RRC Message Contents (FDD) the “RB Informaion to be affected” information element shall not be present in this message.
 2. The Radio Bearer Setup message used in step 9 of TC 14.2.15 contains “Frequency info” information element. As described 3GPP TS 34.108 V3.15.0 clause 9.1.1 Default RRC Message Contents (FDD) the “Frequency info” information element shall only be present if frequency is different from the current frequency otherwise this Information element shall be set to Not present. In TC 14.2.15 the frequency has not changed, thus the “Frequency info” information element shall be set to not present.

- Summary of change**
1. In the test step “ts_RB_SendRB_SetUpStreamUnknown14_4k” at line number 2, for the constraint “cs_RRC_RB_SetUp” 5th parameter is replaced with OMIT.
 2. In the test step “ts_RB_SendRB_SetUpStreamUnknown14_4k” at line number 2, for the constraint “cs_RRC_RB_SetUp” last parameter is replaced with OMIT.

Source of change New change

Before change:

Test Step			
Test Step ID:	ts_RB_SendRB_SetUpStreamUnknown14_4k (p_CellId: INTEGER, p_RAB_Id: BITSTRING, p_ActTime: ActivationTime)		
Test Step Group Ref:	RRCM_Steps/		
Objective:	To setup a RADIO BEARER for streaming unknown 4.4 and to reconfigure the SB accordingly.		
Defaults:	RRC_Def1		
Comments:			
Nr	Label	Behaviour Description	Constraint Ref
1		+ ts_SetTmpCellInfo (p_CellId)	
2		AM ? RLC_AM_DATA_REQ	<pre> cas_RB_SetUpAM_WithCnf(tsc_CellDedicated, tsc_RB2, tsc_Mul, cs_RRC_RB_SetUp(cs_IntegrityCheckInfo0, tsc_RRC_TI, p_ActTime, cell_DCH, tcv_TmpCellInfo.frequencyInfo, c_RAB_InfoListTM_1 (c_ReEstTimerT314, p_RAB_Id, c_UL_CommTrChInfoTM_0_To3, c_UL_AddReconfTransChInfoListTM_1 (c_DCH_576_TFS_2_UE), c_DL_CommonTransChInfoSameAsUL, c_DL_AddReconfTransChInfoListTM_1, c_DL_InformationPerRL (tsc_TmpCellInfo.priScrnCode, tsc_Bk128, tcv_TmpCellInfo. dl_DPCH_2ndScrnCode), c_DL_CommonInformationRB_SetUp (tsc_Sfn128_B), cb_UL_DPCH_Info (tsc_Sfn4, pl0_88, tcv_TmpCellInfo.ul_ScramblingCode), c_RB_AffectedSRB_DCH)) </pre>
3		AM ? RLC_AM_DATA_CNF	car_AM_DataMulCnf (tsc_CellDedicated, tsc_RB2, tsc_Mul)

After change:

Test Step Id:	ts_RB_SendRB_SetUpStreamUnknown14_4k (p_CellId: INTEGER, p_RAB_Id: BITSTRING, p_ActTime : ActivationTime)		
Test Step Group Ref:	RRCM_Steps/		
Objective:	To setup a RADIO BEARER for streaming unknown14.4 and to reconfigure the SS accordingly.		
Defaults:	RRC_Defn		
Comments:			
Nr	Label	Behaviour Description	Constraint Ref
1		+ts_SetTmpCellInfo (p_CellId)	
2		AM ? RLC_AM_DATA_REQ	<pre> cas_RB_SetUpAM_WithCnf(tsc_CellDedicated, tsc_RB2, tsc_MuI, cs_RRC_RB_SetUp(cs_IntegrityCheckInfo0, tvv_RRC_Ti, p_ActTime, cell_DCH, OMIT, c_RAB_InfoListTM_1 (c_ReEstTimerT314, p_RAB_Id(), c_UL_CommTrChInfoTM_0_To3, c_UL_AddReconfTransChInfoListTM_1 (c_DCH_576_TFS_2_UE), c_DL_CommonTransChInfoSameAsUL, c_DL_AddReconfTransChInfoListTM_1, c_DL_InformationPerRL (tvv_TmpCellInfo.priScrmCode, tsc_Sfx128, tvv_TmpCellInfo. dl_DPCH_2ndScrCode), c_DL_CommonInformationRB_SetUp (tsc_Std128_8), cb_UL_DPCH_Info (tsc_Sfx4, p0_88, tvv_TmpCellInfo.ul_ScramblingCode), OMIT)) </pre>
3		AM ? RLC_AM_DATA_CNF	car_AM_DataMuIConf (tsc_CellDedicated, tsc_RB2, tsc_MuI)

CR-Form-v7

CHANGE REQUEST

TS 34.123-3 CR 327 # rev - # Current version: **3.5.1**

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

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

Title:	# Correction to Package 3 RAB test case 14.2.14.1 Radio Bearer setup in the SS.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 7/05/04
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: # 1. The Radio Bearer Setup message sent to the UE is sent with "numberOfTbSizeList" set to a value of 1 but the SS RLC entity is configured with "numberOfTbSizeList" set to a value of 2.

In test step "ts_SendRB_SetUpConvUnknown_32k_20TTI" at line 4, while calling test step "ts_2DCH_ModifyConvUnknown" the 6th parameter has to be in accordance with constraint "c_DCH_640_TFS_20_1_UE", which is used while sending Radio bearer setup message to UE at line 2.

2. Logical Channel Identity for Up-link and Down-link in RB mapping info of Radio Bearer setup message will not be present according to 34.108-3f0.

Summary of change: #

1. Add new ASN1 constraint "c_DCH_640_TFS_20_1" with "numberOfTbSizeList" 1 and other parameters according to "c_DCH_640_TFS_20_1_UE".
2. In test step "ts_SendRB_SetUpConvUnknown_32k_20TTI" at line 4, while calling test step "ts_2DCH_ModifyConvUnknown" 6th parameter is replaced with new constraint "c_DCH_640_TFS_20_1".
3. In constraint "c_RAB_InfoListTM_1" OMIT the "logicalChannelIdentity" element for Up-link and Down-link.

Consequences if not approved: # Test case may fail conformant UE.

Clauses affected: # None

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:	⌘												

How to create CRs using this form:

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

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

Change 1.

New ASN1 constraint name c_DCH_640_TFS_20_1

Reason for change The Radio Bearer Setup message sent to the UE is sent with “numberOfTbSizeList” set to a value of 1 but the SS RLC entity is configured with “numberOfTbSizeList” set to a value of 2.

In test step “ts_SendRB_SetUpConvUnknown_32k_20TTI” at line 4, while calling test step “ts_2DCH_ModifyConvUnknown” the 6th parameter has to be in accordance with constraint “c_DCH_640_TFS_20_1_UE”, which is used while sending Radio bearer setup message to UE at line 2.

Summary of change Add new ASN1 constraint “c_DCH_640_TFS_20_1” with “numberOfTbSizeList” 1 and other parameters according to “c_DCH_640_TFS_20_1_UE”.

Source of change New change

New Constraint:

ASN.1 Type Constraint Declaration	
Constraint Name:	c_DCH_640_TFS_20_1_UE
Group:	
Type Name:	DedicatedTransChTFS
Derivation Path:	
Encoding Variation:	
Comments:	transport format set for RAB subflow#1 on dedicated channel
Constraint Value	
<pre>{ tti tti20 : { { rlc_Size octetModeType1 : sizeType2 : {part1 11, part2 2}, numberOfTbSizeList { zero : NULL, one : NULL }, logicalChannelList allSizes : NULL }}, semistaticTF_Information { channelCodingType turbo : NULL, rateMatchingAttribute 187, crc_Size crc16 } }</pre>	

Change 2.

Test step name ts_SendRB_SetUpConvUnknown_32k_20TTI

Reason for change The Radio Bearer Setup message sent to the UE is sent with “numberOfTbSizeList” set to a value of 1 but the SS RLC entity is configured with “numberOfTbSizeList” set to a value of 2.

In test step “ts_SendRB_SetUpConvUnknown_32k_20TTI” at line 4, while calling test step “ts_2DCH_ModifyConvUnknown” the 6th parameter has to be in accordance with constraint “c_DCH_640_TFS_20_1_UE”, which is used while sending Radio bearer setup message to UE at line 2.

Summary of change In test step “ts_SendRB_SetUpConvUnknown_32k_20TTI” at line 4, while calling test step “ts_2DCH_ModifyConvUnknown” 6th parameter is replaced with new constraint “c_DCH_640_TFS_20_1”.

Source of change New change

Before change:

Test Step				
Test Step Id:	ts_SendRB_SetUpComUnknown_32k_20TTI (p_CellId: INTEGER; p_RAB_Id: BITSTRING; p_ActTime: ActivationTime)			
Test Step Group Ref:	RB_Steps/RB_Setup			
Objective:	To setup a RADIO BEARER for conversational 32k with TTI 20 and to reconfigure the SS accordingly.			
Defaults:	RRC_Def1			
Comments:				
Nr	Label	Behaviour Description	Constraint Ref	Verdict
1		+ts_SetTmpCellInfo (p_CellId)		
2		AM ? RLC_AM_DATA_REQ	cas_RB_SetUpAM_WithCnf(tsc_CellDedicated, tsc_RB2, tsc_MuI, cs_RRC_RB_SetUp(tsv_CellIndInfo.d_IntegrityCheckInfo, tsv_RRC_TI, p_ActTime, cell_DCH, OMIT, c_RAB_InfoListTM_1(c_ReEstTimerT314, p_RAB_Id), c_UL_CommonTrChInfoTM_0_To3, c_UL_AddReconfTransChInfoListTM_1(c_DCH_640_TFS_20_1_UE), c_DL_CommonTransChInfoSameAsUL, c_DL_AddReconfTransChInfoListTM_1, c_DL_InformationPerRL(tsv_TmpCellInfo.priScrmCode, tsc_Sfc64, tsv_TmpCellInfo.d_DPCH_2ndScrmCode), c_DL_CommonInformationRB_SetUp(tsc_Sfc64), cb_UL_DPCH_Info(tsc_Sf32, p0_80, tsv_TmpCellInfo.ul_ScramblingCode), OMIT))	
3		AM ? RLC_AM_DATA_CNF	car_AM_DataMUICnf(tsc_CellDedicated, tsc_RB2, tsc_MuI)	
4		+ts_2DCH_ModifyComUnknown (p_CellId, p_ActTime, c_DL_CommonInformationRB_SetUp(tsc_Sfc64), cb_UL_DPCH_Info(tsc_Sf32, p0_80, tsv_TmpCellInfo.ul_ScramblingCode), c_DCH_640_TFS_20_1_UE, c_DCH_640_TFS, tsc_Sfc64)		
5		+ts_SS_RB10_TM_Cfg_Segmented (640)		
6	TSP	+ts_RRC_ReceiveRB_SetupCmpl (p_CellId, cell_DCH_64kCS_RAB_SRB)		

After change:

Test Step				
Test Step Id:	ts_SendRB_SetUpComUnknown_32k_20TTI (p_CellId: INTEGER; p_RAB_Id: BITSTRING; p_ActTime: ActivationTime)			
Test Step Group Ref:	RB_Steps/RB_Setup			
Objective:	To setup a RADIO BEARER for conversational 32k with TTI 20 and to reconfigure the SS accordingly.			
Defaults:	RRC_Def1			
Comments:				
Nr	Label	Behaviour Description	Constraint Ref	Verdict
1		+ts_SetTmpCellInfo (p_CellId)		
2		AM ? RLC_AM_DATA_REQ	cas_RB_SetUpAM_WithCnf(tsc_CellDedicated, tsc_RB2, tsc_MuI, cs_RRC_RB_SetUp(tsv_CellIndInfo.d_IntegrityCheckInfo, tsv_RRC_TI, p_ActTime, cell_DCH, OMIT, c_RAB_InfoListTM_1(c_ReEstTimerT314, p_RAB_Id), c_UL_CommonTrChInfoTM_0_To3, c_UL_AddReconfTransChInfoListTM_1(c_DCH_640_TFS_20_1_UE), c_DL_CommonTransChInfoSameAsUL, c_DL_AddReconfTransChInfoListTM_1, c_DL_InformationPerRL(tsv_TmpCellInfo.priScrmCode, tsc_Sfc64, tsv_TmpCellInfo.d_DPCH_2ndScrmCode), c_DL_CommonInformationRB_SetUp(tsc_Sfc64), cb_UL_DPCH_Info(tsc_Sf32, p0_80, tsv_TmpCellInfo.ul_ScramblingCode), OMIT))	
3		AM ? RLC_AM_DATA_CNF	car_AM_DataMUICnf(tsc_CellDedicated, tsc_RB2, tsc_MuI)	
4		+ts_2DCH_ModifyComUnknown (p_CellId, p_ActTime, c_DL_CommonInformationRB_SetUp(tsc_Sfc64), cb_UL_DPCH_Info(tsc_Sf32, p0_80, tsv_TmpCellInfo.ul_ScramblingCode), c_DCH_640_TFS_20_1_UE, c_DCH_640_TFS_20_1, tsc_Sfc64)		
5		+ts_SS_RB10_TM_Cfg_Segmented (640)		
6	TSP	+ts_RRC_ReceiveRB_SetupCmpl (p_CellId, cell_DCH_64kCS_RAB_SRB)		

Change 3.

Test step name c_RAB_InfoListTM_1

Reason for change Logical Channel Identity for Up-link and Down-link in RB mapping info of Radio Bearer setup message will not be present according to 34.108-3f0.

Summary of change In constraint “c_RAB_InfoListTM_1” OMIT the “logicalChannelIdentity” element for Up-link and Down-link.

Source of change New change

Before change:

ASN.1 Type Constraint Declaration	
Constraint Name:	c_RAB_InfoListTM_1 (p_ReEstTimer: Re_EstablishmentTimer; p_RAB_Id: BITSTRING)
Group:	
Type Name:	RAB_InformationSetupList
Derivation Path:	
Encoding Variation:	
Comments:	
Constraint Value	
<pre>{ { rab_info { rab_identity gsm_MAP_RAB_identity: p_RAB_Id, cn_DomainIdentity cs_domain, re_EstablishmentTimer p_ReEstTimer }, rb_InformationSetupList { --RB_InformationSetupList rb_identity tsc_RB10, pdcp_Info OMIT, rlc_InfoChoice rlc_Info : c_RLC_InfoTM_Def, rb_MappingInfo { --RB_MappingOption ul_LogicalChannelMappings oneLogicalChannel { ul_TransportChannelType dch: tsc_UL_DCH1, logicalChannelIdentity tsc_UL_DTCH1, rlc_SizeList configured : NULL, mac_LogicalChannelPriority 7 }, dl_LogicalChannelMappingList { dl_TransportChannelType dch: tsc_DL_DCH1, logicalChannelIdentity tsc_DL_DTCH1 } } } } }</pre>	

After change:

ASN.1 Type Constraint Declaration	
Constraint Name:	c_RAB_InfoListTM_1 (p_ReEstTimer: Re_EstablishmentTimer; p_RAB_Id: BITSTRING)
Group:	
Type Name:	RAB_InformationSetupList
Derivation Path:	
Encoding Variation:	
Comments:	
Constraint Value	
<pre>{ { rab_info { rab_identity gsm_MAP_RAB_identity: p_RAB_Id, cn_DomainIdentity cs_domain, re_EstablishmentTimer p_ReEstTimer }, rb_InformationSetupList { --RB_InformationSetupList rb_identity tsc_RB10, pdcp_Info OMIT, rlc_InfoChoice rlc_Info : c_RLC_InfoTM_Def, rb_MappingInfo { --RB_MappingOption ul_LogicalChannelMappings oneLogicalChannel { ul_TransportChannelType dch: tsc_UL_DCH1, logicalChannelIdentity OMIT, rlc_SizeList configured : NULL, mac_LogicalChannelPriority 7 }, dl_LogicalChannelMappingList { dl_TransportChannelType dch: tsc_DL_DCH1, logicalChannelIdentity OMIT } } } } }</pre>	

CR-Form-v7

CHANGE REQUEST

⌘ **TS 34.123-3 CR 328** ⌘ rev - ⌘ Current version: **3.5.1** ⌘

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

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

Title:	⌘ Correction to RRC TC 8.2.2.18 and 8.2.2.17 on contents of radio bearer reconfiguration message and comments in test steps of TC 8.2.2.18.		
Source:	⌘ Anite		
Work item code:	⌘ N/A	Date:	⌘ 7/05/04
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. TS 34.123-1 specifies that in step 1 of test cases 8.2.2.18, and step 1 of test case 8.2.2.17, the field 'maxAllowedUL_TX_Power' of the radio bearer reconfiguration message should not be present. But TTCN sends the radio bearer reconfiguration message with the value for this field set to "tsc_MaxAllowPwr" i.e. 33 dBm. 2. In line#32 of test case 8_2_2_18, the comment "Step 5b" shall be changed to "Step 6" 3. In line#33 of test case 8_2_2_18, the comment "Step 6" shall be changed to "Step 7"
Summary of change:	⌘	<ol style="list-style-type: none"> 1. Constraint cds_108_RB_ReconfigFACH_RB20_RST600 is modified so that the field " maxAllowedUL_TX_Power " is not present in the radio bearer reconfiguration message in test case 8.2.2.18 and 8.2.2.17. 2. The comment in line#32 of test case 8_2_2_18, is changed from "Step 5b" to "Step 6" 3. The comment In line#33 of test case 8_2_2_18, is changed from "Step 6" to "Step 7"
Consequences if not approved:	⌘	Test case may PASS in a non-complaint UE.

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

affected:

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

Other comments: ☹

How to create CRs using this form:

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Below is a brief summary:

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

Change 1:

ASN.1 PDU Constraint Declaration	cds_108_RB_ReconfigFACH_RB20_RST600
Reason for change	TS 34.123-1 specifies that in step 1 of test cases 8.2.2.18, and step 1 of test case 8.2.2.17, the field 'maxAllowedUL_TX_Power' of the radio bearer reconfiguration message should not be present. But TTCN sends the radio bearer reconfiguration message with the value for this field set to "tsc_MaxAllowPwr" i.e. 33 dBm.
Summary of change	Constraint cds_108_RB_ReconfigFACH_RB20_RST600 is modified so that the field " maxAllowedUL_TX_Power " is not present.
Source of change	New change

Before:

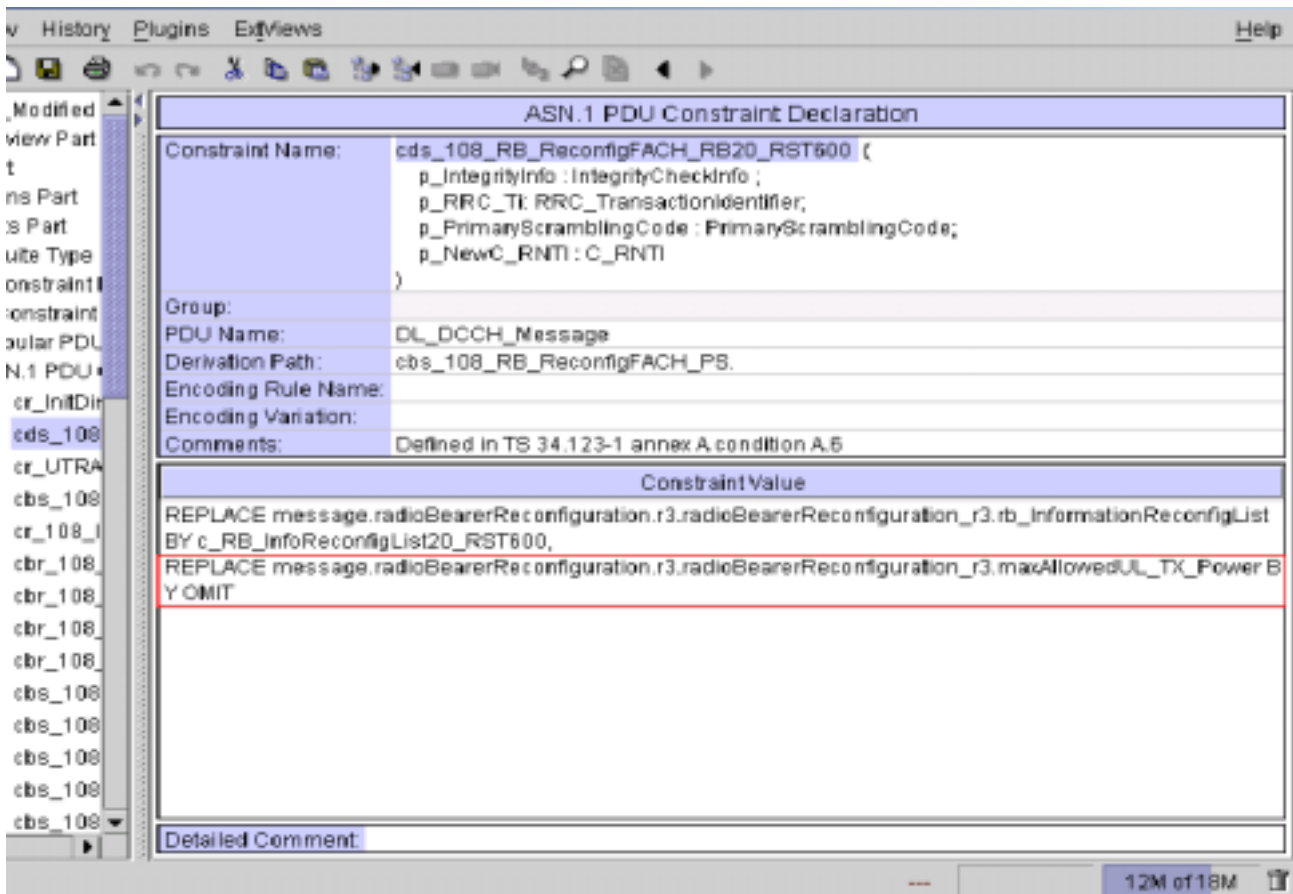
The screenshot shows a software interface for editing ASN.1 code. The main window displays the following information:

ASN.1 PDU Constraint Declaration	
Constraint Name:	cbs_108_RB_ReconfigFACH_RB20_RST600 (p_integrityInfo : integrityCheckInfo ; p_RRC_Ti : RRC_TransactionIdentifier; p_PrimaryScramblingCode : PrimaryScramblingCode; p_NewC_RNTI : C_RNTI)
Group:	
PDU Name:	DL_DCCH_Message
Derivation Path:	cbs_108_RB_ReconfigFACH_PS.
Encoding Rule Name:	
Encoding Variation:	
Comments:	Defined in TS 34.123-1 annex A condition A.6

Constraint Value	
REPLACE message.radioBearerReconfiguration.r3.radioBearerReconfiguration_r3.rb_informationReconfigList BY c_RB_InfoReconfigList20_RST600	

Below the constraint value, there is a section for a detailed comment, which is currently empty.

After:



Change 2:

Test Case 8_2_2_18	Comment in line#32 of test case 8_2_2_18
Reason for change	In line#32 of test case 8_2_2_18, the comment "Step 5b" is wrong. It should be changed to "Step 6"
Summary of change	In line#32 of test case 8_2_2_18, the comment "Step 5b" is changed to "Step 6"
Source of change	New change

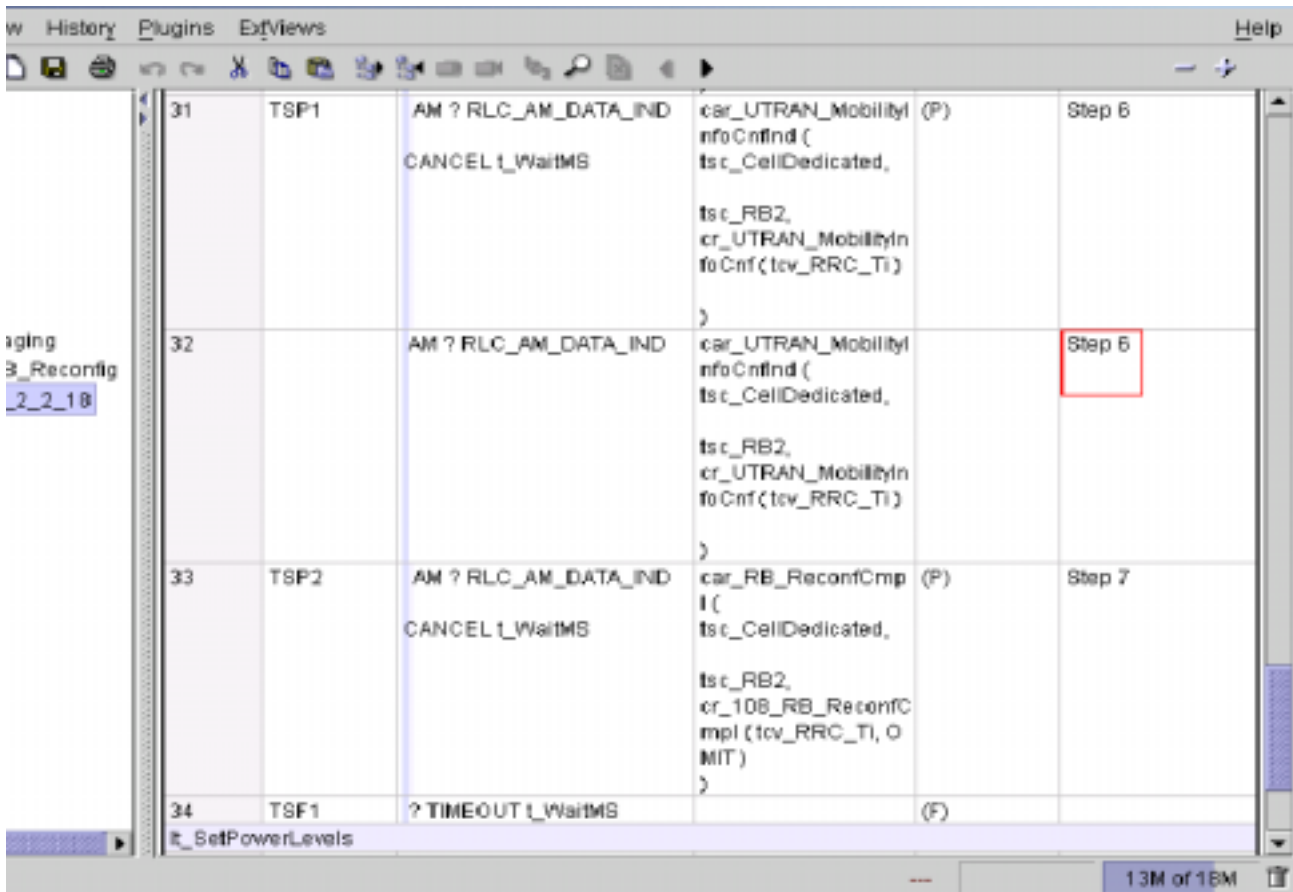
Before:

The screenshot shows a software interface with a table of test steps. The table has columns for step ID, test case name, test data, test code, and step name. Step 32 is highlighted with a red box.

Step ID	Test Case Name	Test Data	Test Code	Step Name
31	TSP1	AM ? RLC_AM_DATA_IND CANCEL_t_WaitMS	car_UTRAN_MobilityInfoCnfnd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))	Step 6
32		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnfnd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))	Step 5b
33	TSP2	AM ? RLC_AM_DATA_IND CANCEL_t_WaitMS	car_RB_ReconfCmpl (tsc_CellDedicated, tsc_RB2, cr_108_RB_ReconfCmpl (tcv_RRC_Ti, 0 MIT))	Step 6
34	TSP1	? TIMEOUT_t_WaitMS		(F)

Below the table, the text "It SetPowerLevels" is visible. The status bar at the bottom right shows "18M of 26M".

After:



Change 3:

Test Case 8_2_2_18	Comment in line#33 of test case 8_2_2_18
Reason for change	In line#33 of test case 8_2_2_18, the comment "Step 6" is wrong. It should be changed to "Step 7"
Summary of change	In line#33 of test case 8_2_2_18, the comment "Step 6" is changed to "Step 7"
Source of change	New change

Before:

v History Plugins ExpViews Help						
31	TSP1	AM ? RLC_AM_DATA_IND CANCEL_t_WaitMS	car_UTRAN_MobilityInfoConfInd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoConf (tcv_RRC_Ti))	(F)		Step 6
32		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoConfInd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoConf (tcv_RRC_Ti))			Step 5b
33	TSP2	AM ? RLC_AM_DATA_IND CANCEL_t_WaitMS	car_RB_ReconfCmpl (tsc_CellDedicated, tsc_RB2, cr_108_RB_ReconfCmpl (tcv_RRC_Ti, 0 MIT))	(F)		Step 6
34	TSF1	? TIMEOUT_t_WaitMS		(F)		

Left sidebar menu items: gning, innMgmt, innReleas, :_Capabil, curityMod, ynConnec, sinfoBroa, B_Establ, l_Reconf, 2_2_1, 2_2_7, 2_2_8, 2_2_9, 2_2_10, 2_2_11, 2_2_17, 2_2_18, 2_2_19, 2_2_23, l_release

Bottom status bar: 18M of 26M

After:

History Plugins ExViews Help						
ing _Reconfig _2_18	31	TSP1	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_UTRAN_MobilityInfoCnfnd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tv_RRC_TI))	(P)	Step 6
	32		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnfnd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tv_RRC_TI))		Step 6
	33	TSP2	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_RB_ReconfCmpl (tsc_CellDedicated, tsc_RB2, cr_108_RB_ReconfCmpl (tv_RRC_TI, OMIT))	(P)	Step 7
	34	TSP1	? TIMEOUT t_WaitMS		(F)	
It_SetPowerLevels						

CR-Form-v7
CHANGE REQUEST
№ TS 34.123-3 CR 329 № rev - № Current version: 3.5.1 №

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

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

Title:	№ Correction to RRC Package 2 TC 8.3.1.3 to delete the Radio Bearer BCCH mapped to FACH(RB_BCCH_FACH) in the old cell before configuring in the new cell.		
Source:	№ Anite		
Work item code:	№ N/A	Date:	№ 7/05/2004
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:	№ 1. RB_BCCH_FACH in the old cell should be deleted before it is configured in the new cell.
Summary of change:	№ 1. Added a line in ts_HO_ReconfFACH_ToFACH to delete the RB_BCCH_FACH in the old cell.
Consequences if not approved:	№ Test case may fail in a complaint UE.

Clauses affected:	№ N.A.						
Other specs Affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	№	
Y	N						
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	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	№	
Y	N						
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	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications	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:

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

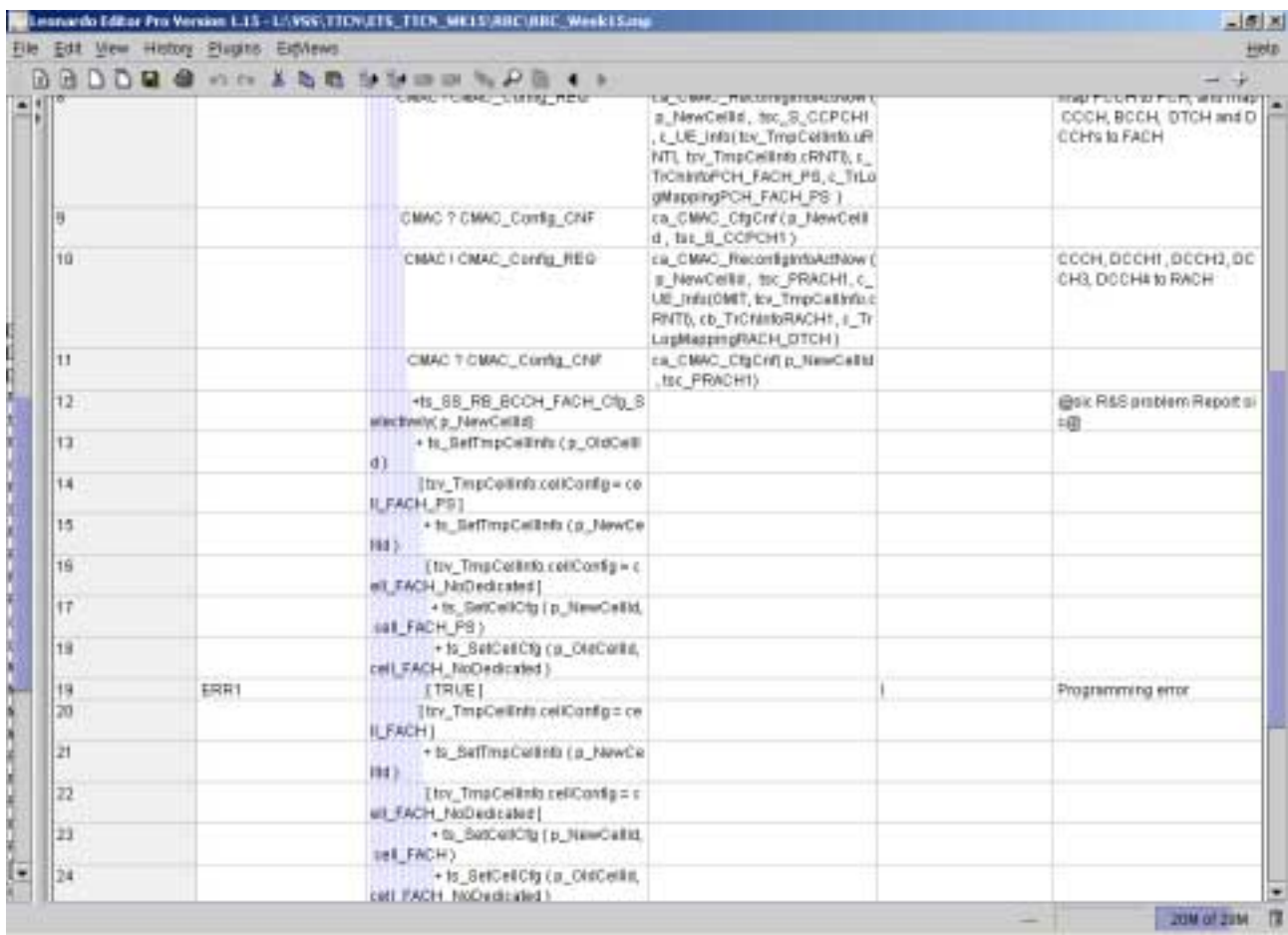
- 1) Fill out the above form. The symbols above marked № contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes")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

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

Change 1:

Local Tree and Test step	Test Step: ts_HO_ReconfFACH_ToFACH
Reason for change	RB_BCCH_FACH in the old cell should be deleted before the same is configured in the new cell.
Summary of change	Test Step 'ts_CRLC_Rel ' is called(#12) to delete the RB in the old cell
Source of change	New Change

TTCN before change:



TTCN after change:

Line	Code	Comments
9	CMAC ? CMAC_Config_CNF	ca_CMAR_ReconfigInfoActNow(p_NewCellId, tsc_S_CCPCH1, c_UE_Info(tcv_TmpCellInfo.cRNTI), tcv_TmpCellInfo.cRNTI, c_TrchInfoPCH_FACH_PS, c_TrchLogMappingPCH_FACH_PS)
10	CMAC CMAC_Config_REQ	ca_CMAR_ReconfigInfoActNow(p_NewCellId, tsc_PPRACH1, c_UE_Info(OMIT, tcv_TmpCellInfo.cRNTI), cb_TrchInfoRACH1, c_TrchLogMappingRACH_DTCH)
11	CMAC ? CMAC_Config_CNF	ca_CMAR_CfgCnf(p_NewCellId, tsc_PPRACH1)
12	+ ts_CRLC_Rel (p_OldCellId, tsc_RB_BCCH_FACH)	
13	+ ts_SS_RB_BCCH_FACH_Cfg_Selective(p_NewCellId)	@sic R&S problem c@
14	+ ts_SetTmpCellInfo (p_OldCellId)	
15	[tcv_TmpCellInfo.cellConfig = cell_FACH_PS]	
16	+ ts_SetTmpCellInfo (p_NewCellId)	
17	[tcv_TmpCellInfo.cellConfig = cell_FACH_NoDedicated]	
18	+ ts_SetCellCfg (p_NewCellId, cell_FACH_PS)	
19	+ ts_SetCellCfg (p_OldCellId, cell_FACH_NoDedicated)	
20	[TRUE]	Programming error
21	[tcv_TmpCellInfo.cellConfig = cell_FACH1]	

CR-Form-v7

CHANGE REQUEST

TS 34.123-3 CR 330 # rev - # Current version: **3.5.1**

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

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

Title:	# Correction to Package 3 NAS MM test case 9.4.2.2.2 to disable cell C ATT flag		
Source:	# Anite		
Work item code:	# N/A	Date:	# 10-May-04
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:	# TS 34.123-1 specification section 9.4.2.2.4.2 Initial conditions mentions - "IMS/attach/detach is allowed in cells A and B but not in cell C" TS 34.123-3 TTCN implementation for 9.4.2.2.2 does not disable ATT flag.
Summary of change:	# TTCN implementation corrected with Cell ATT flag initialised to 0 (In TTCN, Cell C is mapped to Cell A to test this functionality)
Consequences if not approved:	# TTCN implementation not according to specification.

Clauses affected:	# 34.123-3 NAS ATS test case tc_9_4_2_2_2										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X		
Y	N										
#	X										
#	X										
#	X										
Other comments:	#										

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

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

Change 1.

Test step name tc_9_4_2_2_2
Reason for change For cell A, ATT flag needs to be disabled.
Summary of change At step#5, tcv_CellInfoA.attFlag:= tsc_AttOff
Source of change

Before change:

5		<code>(tcv_CellInfoA.mnc:=tsc_MNC_01 0; tcv_CellInfoA.lac:=tsc_LAC_3)</code>		Set specific values for Cell A
6		<code>+ts_MM_StartCellA</code>		Start cell A
7		<code>+ts_IdleUpdated(tsc_CellA)</code>		Idle Updated on Cell A

After change:

5		<code>(tcv_CellInfoA.mnc:=tsc_MNC_010 ; tcv_CellInfoA.lac:=tsc_LAC_3, tcv_CellInfoA.attFlag:= tsc_AttOff)</code>		Set specific values for Cell A
6		<code>+ts_MM_StartCellA</code>		Start cell A
7		<code>+ts_IdleUpdated(tsc_CellA)</code>		Idle Updated on Cell A

CR-Form-v7

CHANGE REQUEST

TS 34.123-3 CR 331 # rev - # Current version: **3.5.2**

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 23 NAS MM test case 9.4.9; introducing postamble to remove PLMN2 from USIM forbidden PLMN list.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 07-May-04
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	# TTCN implementation of MM test case 9.4.9 uses PLMN2 as forbidden PLMN in preamble and this remains in USIM after test case execution. This results USIM default content modification and not re usable for test case execution.
Summary of change:	# TTCN implementation corrected by adding postamble to perform manual PLMN selection and location update procedure, which will remove PLMN2 from USIM forbidden PLMN list.
Consequences if not approved:	# Test case execution will alter default USIM contents and makes USIM unusable for repeat test case execution. With USIM used for first test execution, test case fails next execution onwards with conformant UE,

Clauses affected:	# TS 34.123-3 NAS ATS tc_9_4_9										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications Test specifications O&M Specifications	#
Y	N										
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<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Other comments:	#										

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

Change 1: Postamble defined as local tree

Test step name	tc_9_4_9
Reason for change	It_TestBody leaves PLMN2 as forbidden PLMN in USIM. This makes USIM unusable for second execution attempt. PLMN2 needs to be removed from USIM forbidden PLMN list.
Summary of change	New local tree It_Remove_FPLMN2 defined for performing manual PLMN selection, location update procedure to remove PLMN2 from forbidden list.
Source of change	New change

Before Change:

21		+ts_RRC_RandAccFail(420000)			Step 11 2. @SIC EW Sasken comment on T1S040014 SIC@
----	--	-----------------------------	--	--	---

After Change:

22		+ts_RRC_RandAccFail(420000)			Step 11 2. @SIC EW Sasken comment on T1S040014 SIC@
23		[TRUE]		(F)	
It_Remove_FPLMN2					
24		(tcv_TestBody != FALSE)			
25		+ts_MM_PwrOrUSIM_Off(tc_USIM_In)			
26		+ts_MM_PwrOrUSIM_On(tc_USIM_In)			
27		+ts_MMI_PLMN_SelModeMan			Set PLMN manual mode selection
28		+ts_MMI_PLMN_SelPerf(tcv_CellInfoD.mnc)			Select Forbidden PLMN2
29		+ts_MM_LupInit2(tc_CelID, tc_LUT_Normal)			
30		+ts_MM_Authentication(tc_CelID)			
31		+ts_RRC_Security(tc_CelID, tcv_AuthCK, tcv_AuthK, tcv_AuthKcGBM, TRUE, tc_domain)			
32		DcIRRC_DataReq	ts_DataReq(tc_CelIDdedicated, tc_RB3, tc_LocUpdArp(OMIT, tcv_CellInfoD.mnc, tc_MNC_2, tcv_CellInfoD.lac))		
33		+ts_RRC_ConnRel(tc_CelID, tcv_Dch)			
34		+ts_MMI_PLMN_SelModeAuto			

Change 2: Postamble called after test body to remove PLMN2 from USIM forbidden list

Test step name tc_9_4_9
Reason for change Postamble used after test body to remove PLMN2 from forbidden PLMN list.
Summary of change Stel#12 introduced to call It_Remove_FPLMN2
Source of change

Before change:

10		(tcv_MM_TestExecution = TRUE)		MM test execution starting @SIC EWER 1520 SIC @
11		+It_Body		@SIC EWT1S040014 SIC @
12		+po_ConnectionAndSS_Rels		Release all resources

After Change:

10		(tcv_MM_TestExecution = TRUE)		MM test execution starting @SIC EWER 1520 SIC @
11		+It_Body		@SIC EWT1S040014 SIC @
12		+It_Remove_FPLMN2		Postamble to remove FPLMN from USIM.
13		+po_ConnectionAndSS_Rels		Release all resources

Change 3: Increasing guard timer value

Test step name tc_9_4_9

Reason for change Guard timer value needs to be increased to perform manual PLMN selection procedure due to addition postamble manual PLMN selection procedure.

Summary of change Step#1 START t_Guard(15*60) -- increase guard timer

Source of change

CR-Form-v7

CHANGE REQUEST

TS 34.123-3 CR 332 # rev - # Current version: **3.5.1**

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

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

Title: # Modification to RLC 7.2.3.33 TTCN to meet Test Procedure 'f' in Prose 34.123-1-571.

Source: # Anite

Work item code: # N/A

Date: # 7/5/04

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: # Ref: T1-040262

CR T1-040262 added the following test procedure information to TS 34.123-1: -
Test Procedure

- f) The SS sends an RLC SDU of size (2 * AM_7_PayloadSize) – 1bytes. [The data contents of this RLC SDU shall be different from the contents of the RLC SDUs sent in procedure step a\) above.](#)

In IWD Week 10 RLC ATS, the TTCN for CR T1-040262 was implemented. Although checking of the full SDU has been implemented the contents has not been modified. The payload contents are generated by a pseudo random bit sequence which takes variables tcv_TxPRBS_Pos and tcv_RxPRBS_Pos which are currently being reset before procedure 'a' and 'f' thus giving the same payload contents.

Summary of change: # The contents of variables tcv_TxPRBS_Pos and tcv_RxPRBS_Pos are not reset producing different payload data.

1. A new preamble test step is introduced "pr_InitialiseAM_RLC_StateVariables2", which only resets the state variables, not variables tcv_TxPRBS_Pos and tcv_RxPRBS_Pos.
2. New Preamble test step is called from the test body

Consequences if not approved: # The TTCN will not be conformant to the prose (34.123-1-571).

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	⌘	
	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: A new preamble test setp is introduced

Test Step Id:	pr_InitialiseAM_RLC_StateVariables2
Test Step Group Ref:	Preambles1
Objective:	
Defaults:	
Comments:	This preamble initializes all test case variables related to 7.2.3.33 Test Case testing.

...	L...	Behaviour Description	Constraint Ref	...	Comments
0		(tcv_AM_VTS = 0)			
1		(tcv_AM_VRR = 0)			
2		(tcv_AM_VRH = 0)			

Change 2: The new test step is called from the test case body

Before

4		TM ! TxReset	cas_ResetReq(tsc_RB_AM_7_RLC, cs_ResetAck(tcv_ResetPDU.rsn, tcv_ResetPDU.hfn, (2 * (tcv_PayloadSize + 2)) - 7))	(11)
5		+pr_InitialiseAM_RLC_StateVariables		(11)
6		+t_TxSDU		(11)
7		(tcv_CheckNextUplinkSN_Is0 = TRUE)		(11)
8	TBP 3	[tcv_ResetPDU.rsn = 0]		(F) (11)
8	TBF 3	[TRUE]		(F) (11)
2	TBF 4	[(tcv_NumResetsRx <= 2) AND (tcv_NumResetsRx <> tcv_NumTimeouts + 1)]		(F) (22)

After:

4		TM ! TxReset	cas_ResetReq(tsc_RB_AM_7_RLC, cs_ResetAck(tcv_ResetPDU.rsn, tcv_ResetPDU.hfn, (2 * (tcv_PayloadSize + 2)) - 7))	(11)
5		+pr_InitialiseAM_RLC_StateVariables2		(11)
6		+t_TxSDU		(11)
7		(tcv_CheckNextUplinkSN_Is0 = TRUE)		(11)
8	TBP 3	[tcv_ResetPDU.rsn = 0]		(F) (11)
8	TBF 3	[TRUE]		(F) (11)
2	TBF 4	[(tcv_NumResetsRx <= 2) AND (tcv_NumResetsRx <> tcv_NumTimeouts + 1)]		(F) (22)

CHANGE REQUEST

34.123-3 CR 317 # rev **-** # Current version: **3.5.1**

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:	# Quality of Service (QoS) initialisation when setting up a PS call		
Source:	# ETSI MCC160, Nokia, Motorola, Ericsson		
Work item code:	# N/A Date: # 10/05/2004		
Category:	# F Release: # R99		
	<table border="0"> <tr> <td style="vertical-align: top;"> <p>Use <u>one</u> of the following categories:</p> <p>F (correction)</p> <p>A (corresponds to a correction in an earlier release)</p> <p>B (addition of feature),</p> <p>C (functional modification of feature)</p> <p>D (editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p> </td> <td style="vertical-align: top;"> <p>Use <u>one</u> of the following releases:</p> <p>2 (GSM Phase 2)</p> <p>R96 (Release 1996)</p> <p>R97 (Release 1997)</p> <p>R98 (Release 1998)</p> <p>R99 (Release 1999)</p> <p>Rel-4 (Release 4)</p> <p>Rel-5 (Release 5)</p> <p>Rel-6 (Release 6)</p> </td> </tr> </table>	<p>Use <u>one</u> of the following categories:</p> <p>F (correction)</p> <p>A (corresponds to a correction in an earlier release)</p> <p>B (addition of feature),</p> <p>C (functional modification of feature)</p> <p>D (editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p>	<p>Use <u>one</u> of the following releases:</p> <p>2 (GSM Phase 2)</p> <p>R96 (Release 1996)</p> <p>R97 (Release 1997)</p> <p>R98 (Release 1998)</p> <p>R99 (Release 1999)</p> <p>Rel-4 (Release 4)</p> <p>Rel-5 (Release 5)</p> <p>Rel-6 (Release 6)</p>
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Reason for change: # The current implementation of the QoS initialisation in the ETSI TTCN depends on the RRC state the UE is going to when setting up a PS call.

- If the final state is Cell_DCH:
minimumQoS = requestedQoS, maxBitRates = 64kbps
maxBitRates in PDP Context Activation Accept = 64kbps
- If the final state is Cell_FACH:
minQoS = reqQoS, maxBitRates = 32kbps
maxBitRates in PDP Context Activation Accept = 32kbps

In addition there are some specific test cases (eg. 8.2.1.8, 8.2.1.9) where the RRC state changes during Radio Bearer Setup. These test cases require specific QoS set up.

Such a restrictive configuration (minQoS=reqQoS) is necessary to suit different UE implementations of QoS handling. The definition in TS27.007 section 10.1.7 of the minimum acceptable QoS is unclear as to how to interpret its parameters. This has led to different implementations by different UE vendors. If minQoS <> reqQoS, we end up in a situation where one UE rejects the negotiated QoS.

In addition the current implementation is unrealistic because in a real situation the application cannot know the bit rate the network will allocate in advance. A more realistic scenario would be to propose the same QoS independently of the final RRC state.

Summary of change:	⌘ The setup of the minimum QoS is left out of the QoS initialization (to get rid of implementation specific issues). The requested QoS is set up with the maximum bit rates UL/DL set to 64kbps, whatever the final RRC state. Then: <ul style="list-style-type: none"> • If the final RRC state is Cell_DCH: maxBitRates in PDP Context Activation Accept = 64kbps • If the final RRC state is Cell_FACH: maxBitRates in PDP Context Activation Accept = 32kbps
Consequences if not approved:	⌘ The PS test cases may fail a conformant UE.

Clauses affected:	⌘ N/A								
Other specs affected:	<table border="1" style="display: inline-table; margin-right: 10px;"> <thead> <tr> <th>Y</th> <th>N</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> </tbody> </table> ⌘ Other core specifications ⌘ ⌘ Test specifications ⌘ O&M Specifications	Y	N	X		X		X	
Y	N								
X									
X									
X									
Other comments:	⌘								

How to create CRs using this form:

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

Below is a brief summary:

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

Change 1:

Local Tree and Test step	Test step ts_AT_OrgPS_Call
Reason for change	Remove initialisation of minimum QoS.
Summary of change	Remove lines 2, 3, 4 and the local tree lt_PrepareAT_CmdCGEQMIN.
Source of change	New change

Before:

Test Step					
Test Step Id:	ts_AT_OrgPS_Call (p_CellId : INTEGER)				
Test Step Group Ref:	BasicM_UT_Steps/				
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		+ lt_PrepareAT_CmdCGEQMIN			set up the Minimum QoS same as Required QoS
3		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
4		Ut ? AT_CmdCnf	ca_AT_CmdCnf		
5		+ts_AT_SetQoS			
6		+ lt_AssignAT_Cmd			
7		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
8		Ut ? AT_CmdCnf	ca_AT_CmdCnf		
9		(tcv_AT_Cmd := "AT+CGACT=1,1<CR>")			ACTIVATE PDP CONTEXT message for MO
10		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
11		[pc_AT_SupportToInit_PS_Call = FALSE]			USE only CGACT to initiate a call

				initiate a call...
12	(tcv_AT_Cmd := "AT+CGACT=1,1<CR>")			ACTIVATE PDP CONTEXT message for MO
13	Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
It_AssignAT_Cmd				
14	[(tcv_TmpCellInfo.cellConfig = cell_DCH_StandAloneSRB_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_NoDPCH) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_StandAloneSRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_Speech) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kPS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_RLC_DCH_AM_RAB_15Lis) OR (tcv_TmpCellInfo.cellConfig = cell_RLC_DCH_AM_RAB_7Lis) OR (tcv_TmpCellInfo.cellConfig = cell_RLC_DCH_UM_RAB_15Lis) OR (tcv_TmpCellInfo.cellConfig = cell_RLC_DCH_UM_RAB_7Lis) OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_AM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_UM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_AM_UM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_MAC_SRB_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_MAC_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_2AM_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_CS_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS_PS)]			
15	(tcv_AT_Cmd := o_ConcatStrg (o_ConcatStrg ("AT+CGDCONT=1, ""IP"", "", o_ConcatStrg (o_ConcatStrg (tsc_AccessPtNameDCH, "", ""), px_PDP_IP_AddrInfoDCH), "", 0, 0<CR>"))			Prepare ACTIVATE PDP CONTEXT message for MO
16	[(tcv_TmpCellInfo.cellConfig = cell_FACH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_NoDedicated) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_BMC) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_BMC_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB) OR			

	(tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB0_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB0) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_PS)]			
17	(tcv_AT_Cmd :=o_ConcatStrg (o_ConcatStrg ("AT+CGDCONT=1,""IP"" ,"" , o_ConcatStrg (o_ConcatStrg (tsc_AccessPtNameFACH,"" ,""), px_PDP_IP_AddrInfoFACH), "" ,0,0<CR>"))			Prepare ACTIVATE PDP CONTEXT message for MO
18	[TRUE]			Programming error
It_PrepareAT_CmdCGEQMIN				
19	+ ts_SetTmpCellInfo (p_CellId)			@sic T1-031838 sic@
20	[(tcv_TmpCellInfo.cellConfig = cell_FACH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_NoDedicated) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_BMC) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_BMC_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB0_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB0) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_PS)]			@sic T1-031838 sic@
21	[pc_Interactive AND (px_RRC_PS_ServTested = ps_Interactive)]			
22	(tcv_AT_Cmd := ("AT+CGEQMIN=1,2,32, 32,,1,320,""1E3"" ,""4E3"" ,1,,3<CR>"))			set up the Minimum QoS
23	[pc_Background AND (px_RRC_PS_ServTested = ps_Background)]			

24		(tcv_AT_Cmd := ("AT+CGEQMIN=1,3,32,32,,1,320,""1E3""""4E3""",1,,<CR>"))			
25		[TRUE]			Parameter error
26	ERR1	[TRUE]			@sic T1-031838 sic@
27		[pc_Interactive AND (px_RRC_PS_ServTested = ps_Interactive)]			
28		(tcv_AT_Cmd := ("AT+CGEQMIN=1,2,64,64,,1,320,""1E3""""4E3""",1,,3<CR>"))			set up the Minimum QoS
29		[pc_Background AND (px_RRC_PS_ServTested = ps_Background)]			
30		(tcv_AT_Cmd := ("AT+CGEQMIN=1,3,64,64,,1,320,""1E3""""4E3""",1,,<CR>"))			
31	ERR2	[TRUE]			Parameter error
Detailed Comment:					

After:

Test Step					
Test Step Id:	ts_AT_OrgPS_Call (p_CellId : INTEGER)				
Test Step Group Ref:	BasicM_UT_Steps/				
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		+ts_AT_SetQoS			
3		+lt_AssignAT_Cmd			
4		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
5		Ut ? AT_CmdCnf	ca_AT_CmdCnf		

6	(tcv_AT_Cmd := "AT+CGACT=1,1<CR>")			ACTIVATE PDP CONTEXT message for MO
7	Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
8	[pc_AT_SupportToInit_PS_Call = FALSE]			USE only CGACT to initiate a call...
9	(tcv_AT_Cmd := "AT+CGACT=1,1<CR>")			ACTIVATE PDP CONTEXT message for MO
10	Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
lt_AssignAT_Cmd				
11	[(tcv_TmpCellInfo.cellConfig = cell_DCH_StandAloneSRB_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_NoDPCH) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_StandAloneSRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_Speech) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB) OR OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kPS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_RLC_DCH_AM_RAB_15Lis) OR OR (tcv_TmpCellInfo.cellConfig = cell_RLC_DCH_AM_RAB_7Lis) OR OR (tcv_TmpCellInfo.cellConfig = cell_RLC_DCH_UM_RAB_15Lis) OR OR (tcv_TmpCellInfo.cellConfig = cell_RLC_DCH_UM_RAB_7Lis) OR OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_AM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_UM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_AM_UM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_MAC_SRB_NoConn) OR OR (tcv_TmpCellInfo.cellConfig = cell_DCH_MAC_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_2AM_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_CS_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS_PS)]			
12	(tcv_AT_Cmd := o_ConcatStrg (o_ConcatStrg ("AT+CGDCONT=1, ""IP"", "", o_ConcatStrg (o_ConcatStrg (tsc_AccessPtNameDCH, "", ""), by PDP IP AddressDCH \ \ "" \ \ <CR> \ \)			Prepare ACTIVATE PDP CONTEXT message for MO

	px_PDP_IP_AddrInfoDCH)), """,0,0<CR>"))			
13	[(tcv_TmpCellInfo.cellConfig = cell_FACH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_NoDedicated) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_BMC) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_BMC_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB0_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_MAC_SRB0) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_PS)]			
14	(tcv_AT_Cmd :=o_ConcatStrg (o_ConcatStrg ("AT+CGDCONT=1, ""IP"", """, o_ConcatStrg (o_ConcatStrg (tsc_AccessPtNameFACH, """, """), px_PDP_IP_AddrInfoFACH)), """,0,0<CR>"))			Prepare ACTIVATE PDP CONTEXT message for MO
15	[TRUE]			Programming error

Detailed Comment:

Change 2:

Local Tree and Test step	Test step ts_AT_SetQoS
Reason for change	1. Remove CELL_FACH specific initialisation of requested QoS. 2. Use the configuration previously used for CELL_DCH in every case.
Summary of change	Remove lines 4 to 10.
Source of change	New change

Before:

Test Step					
Test Step Id:	ts_AT_SetQoS				
Test Step Group Ref:	BasicM_UT_Steps/				
Objective:	This Step sets the QoS				
Defaults:	UT_OtherwiseFail				
Comments:					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ It_PrepareAT_CmdCGEQREQ			set up the QoS with the following parameters:
2		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
3		Ut ? AT_CmdCnf	ca_AT_CmdCnf		
It_PrepareAT_CmdCGEQREQ					
4		[(tcv_TmpCellInfo.cellConfig = cell_FACH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_NoDedicated) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_BMC) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_BMC_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_PS) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_Cnfg1_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_Cnfg2_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_3_FACH_CTCH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_Cnfg1) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_Cnfg2)			Cell FACH

		OR (tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_3_FACH_CTCH)			
5		[pc_Interactive AND (px_RRC_PS_ServTested = ps_Interactive)]			
6		(tcv_AT_Cmd := ("AT+CGEQREQ=1,2,32,32,,1,320,""1E4"" ,""1E5"" ,1,,3<CR>"))			
7		[pc_Background AND (px_RRC_PS_ServTested = ps_Background)]			
8		(tcv_AT_Cmd := ("AT+CGEQREQ=1,3,32,32,,1,320,""1E4"" ,""1E5"" ,1,,<CR>"))			
9	ERR1	[TRUE]			Parameter error
10		[TRUE]			Cell DCH
11		[pc_Interactive AND (px_RRC_PS_ServTested = ps_Interactive)]			
12		(tcv_AT_Cmd := ("AT+CGEQREQ=1,2,64,64,,1,320,""1E4"" ,""1E5"" ,1,,3<CR>"))			
13		[pc_Background AND (px_RRC_PS_ServTested = ps_Background)]			
14		(tcv_AT_Cmd := ("AT+CGEQREQ=1,3,64,64,,1,320,""1E4"" ,""1E5"" ,1,,<CR>"))			
15	ERR2	[TRUE]			Parameter error
Detailed Comment:					

After:

Test Step	
Test Step Id:	ts_AT_SetQoS
Test Step Group Ref:	BasicM_UT_Steps/
Objective:	This Step sets the QoS
Defaults:	UT_OtherwiseFail
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+It_PrepareAT_CmdCGEQREQ			set up the QoS with the following parameters:
2		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
3		Ut ? AT_CmdCnf	ca_AT_CmdCnf		
It_PrepareAT_CmdCGEQREQ					
4		[pc_Interactive AND (px_RRC_PS_ServTested = ps_Interactive)]			
5		(tcv_AT_Cmd := ("AT+CGEQREQ=1,2,64,64,,,1,320,""1E4""""1E5""",1,,3<CR>"))			
6		[pc_Background AND (px_RRC_PS_ServTested = ps_Background)]			
7		(tcv_AT_Cmd := ("AT+CGEQREQ=1,3,64,64,,,1,320,""1E4""""1E5""",1,,<CR>"))			
8	ERR1	[TRUE]			Parameter error
Detailed Comment:					

Change 3:

Local Tree and Test step	Test step ts_RRC_NAS_SessionActPS_MO_P9_P10
Reason for change	<ol style="list-style-type: none"> 1. Remove CELL_FACH specific reception of PDP Context Activation Request. 2. Use the configuration previously used for CELL_DCH in every case.
Summary of change	Remove It_ReceivePDP_ReqFACH
Source of change	New change

Before:

Test Step	
Test Step Id:	ts_RRC_NAS_SessionActPS_MO_P9_P10 (p_CellId : INTEGER)
Test Step Group Ref:	RRCM_Generic108_Steps/
Objective:	NAS session activation procedure for PS sessions

Defaults:	NAS_OtherwiseFail
Comments:	See 34.108 clause 7.4.2.4.2 tcv_RAB_Id is set to the value received from UE in the ACTIVATE PDP CONTEXT REQUEST message.

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ ts_GMM_Authentication (p_CellId)			Steps 1-2
2		+ts_RRC_Security (p_CellId, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, TRUE, ps_domain)			Steps 3-4
3		+ts_InitialiseDlyAndTrafficClass			
4		[tcv_TmpCellInfo.cellConfig = cell_DCH_StandAloneSRB]			
5		+ It_ReceivePDP_ReqDCH			
6		+ ts_SetTI_Rsp (tcv_TI_R)			
7		+ It_InitVaariableForStaticAddress_DCH			
8		[tcv_TmpCellInfo.cellConfig = cell_FACH]			
9		+ It_ReceivePDP_ReqFACH			
10		+ ts_SetTI_Rsp (tcv_TI_R)			
11		+ It_InitVaariableForStaticAddress_FACH			
It_InitVaariableForStaticAddress_DCH					
12		[tcv_PktDataProtoAddr = (or_PktDataProtoAddrMO_iv_Len (o_IntToOct ((LENGTH_OF ((o_IA5_IP_ToOct (px_PDP_IP_AddrInfoDCH , TRUE))) + 2), 1), px_PDP_IP_AddrInfoDCH))]			
13		(tcv_StaticPDP_AddressReceived := TRUE)			
14		[TRUE]			
It_InitVaariableForStaticAddress_FACH					
15		[tcv_PktDataProtoAddr = (or_PktDataProtoAddrMO_iv_Len (o_IntToOct ((LENGTH_OF ((o_IA5_IP_ToOct (px_PDP_IP_AddrInfoFACH , TRUE))) + 2), 1),			

		px_PDP_IP_AddrInfoFACH)]]		
16		(tcv_StaticPDP_AddressReceived := TRUE)		
17		[TRUE]		
It_ReceivePDP_ReqDCH				
18		[pc_AT_SupportToInit_PS_Call = TRUE]		IF call initiated by AT command, check QoS
19		Dc ? RRC_DataInd (tcv_ActPDP_ContextReq := RRC_DataInd.msg, tcv_TI_R := tcv_ActPDP_ContextReq.ti, tcv_PktDataProtoAddr := tcv_ActPDP_ContextReq.pDP_Address, tcv_RAB_Id := INT_TO_BIT (BIT_TO_INT (tcv_ActPDP_ContextReq.requestedNSAPI.nSAPI_Value), 8))	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqMO (cr_QoS_InteractiveOrBackgroundMO_iv (tcv_DlyClass, tcv_TrafficClass)))	Step 5 Receive PDP Context Activation Request 1.
20		[pc_AT_SupportToInit_PS_Call = FALSE]		If by MMI call, then not check the QoS
21		Dc ? RRC_DataInd (tcv_ActPDP_ContextReq := RRC_DataInd.msg, tcv_TI_R := tcv_ActPDP_ContextReq.ti, tcv_PktDataProtoAddr := tcv_ActPDP_ContextReq.pDP_Address, tcv_RAB_Id := INT_TO_BIT (BIT_TO_INT (tcv_ActPDP_ContextReq.requestedNSAPI.nSAPI_Value), 8))	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqMO (??))	Step 5 Receive PDP Context Activation Request 1.
It_ReceivePDP_ReqFACH				
22		[pc_AT_SupportToInit_PS_Call = TRUE]		IF call initiated by AT command, check QoS
23		Dc ? RRC_DataInd (tcv_ActPDP_ContextReq := RRC_DataInd.msg, tcv_TI_R := tcv_ActPDP_ContextReq.ti,	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqFACH_MO (

	<pre> tcv_PktDataProtoAddr := tcv_ActPDP_ContextReq.pDP_Address, tcv_RAB_Id := INT_TO_BIT (BIT_TO_INT (tcv_ActPDP_ContextReq.requestedNSAPI.nSAPI_Value), 8)) </pre>	<pre> cr_QoS_InteractiveOrBackgroundMO_CellFACH_IV (tcv_DiyClass, tcv_TrafficClass)) </pre>		
24	[pc_AT_SupportToInit_PS_Call = FALSE]			If by MMI call, then not check the QoS
25	<pre> Dc ? RRC_DataInd (tcv_ActPDP_ContextReq := RRC_DataInd.msg, tcv_TI_R := tcv_ActPDP_ContextReq.ti, tcv_PktDataProtoAddr := tcv_ActPDP_ContextReq.pDP_Address, tcv_RAB_Id := INT_TO_BIT (BIT_TO_INT (tcv_ActPDP_ContextReq.requestedNSAPI.nSAPI_Value), 8)) </pre>	<pre> car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqFACH_MO (??) </pre>		

Detailed Comment: 1. Assign tcv_RAB_Id (BITSTRING [8]) with the NSAPI (BITSTRING [4]) value received in ACTIVATE PDP CONTEXT REQUEST message.

After:

Test Step					
Test Step Id:	ts_RRC_NAS_SessionActPS_MO_P9_P10 (p_CellId : INTEGER)				
Test Step Group Ref:					
Objective:	NAS session activation procedure for PS sessions				
Defaults:	NAS_OtherwiseFail				
Comments:	See 34.108 clause 7.4.2.4.2 tcv_RAB_Id is set to the value received from UE in the ACTIVATE PDP CONTEXT REQUEST message.				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ ts_GMM_Authentication (p_CellId)			Steps 1-2
2		+ts_RRC_Security (p_CellId, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, TRUE, ps_domain)			Steps 3-4

3	+ts_InitialiseDlyAndTrafficClass			
4	+ It_ReceivePDP_Req			
5	+ ts_SetTI_Rsp (tcv_TI_R)			
6	[tcv_TmpCellInfo.cellConfig = cell_DCH_StandAloneSRB]			
7	+ It_InitVaariableForStaticAddress_DCH			
8	[tcv_TmpCellInfo.cellConfig = cell_FACH]			
9	+ It_InitVaariableForStaticAddress_FACH			
It_InitVaariableForStaticAddress_DCH				
10	[tcv_PktDataProtoAddr = (cr_PktDataProtoAddrMO_iv_Len (o_IntToOct (LENGTH_OF ((o_IA5_IP_ToOct (px_PDP_IP_AddrInfoDCH , TRUE))) + 2), 1), px_PDP_IP_AddrInfoDCH)]			
11	(tcv_StaticPDP_AddressReceived := TRUE)			
12	[TRUE]			
It_InitVaariableForStaticAddress_FACH				
13	[tcv_PktDataProtoAddr = (cr_PktDataProtoAddrMO_iv_Len (o_IntToOct (LENGTH_OF ((o_IA5_IP_ToOct (px_PDP_IP_AddrInfoFACH , TRUE))) + 2), 1), px_PDP_IP_AddrInfoFACH)]			
14	(tcv_StaticPDP_AddressReceived := TRUE)			
15	[TRUE]			
It_ReceivePDP_Req				
16	[pc_AT_SupportToInit_PS_Call = TRUE]			IF call initiated by AT command, check QoS
17	Dc ? RRC_DataInd (tcv_ActPDP_ContextReq := RRC_DataInd.msg, tcv_TI_R := tcv_ActPDP_ContextReq.ti, tcv_PktDataProtoAddr := tcv_ActPDP_ContextReq.pDP_Address, tcv_RAB_Id := INT_TO_BIT (BIT_TO_INT (tcv_ActPDP_ContextReq.requestedNSAPI.nSAPI_Value), 8	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqMO (cr_QoS_InteractiveOrBackgroundMO_iv (tcv_DlyClass, tcv_TrafficClass)))		Step 5 Receive PDP Context Activation Request 1.

))		1.
18	[pc_AT_SupportToInit_PS_Call = FALSE]		If by MMI call, then not check the QoS
19	Dc ? RRC_DataInd (tcv_ActPDP_ContextReq := RRC_DataInd.msg, tcv_TI_R := tcv_ActPDP_ContextReq.ti, tcv_PktDataProtoAddr := tcv_ActPDP_ContextReq.pDP_Address, tcv_RAB_Id := INT_TO_BIT (BIT_TO_INT (tcv_ActPDP_ContextReq.requestedNSAPI.nSAPI_Value), 8))	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqMO (??))	Step 5 Receive PDP Context Activation Request 1.
Detailed Comment:		1. Assign tcv_RAB_Id (BITSTRING [8]) with the NSAPI (BITSTRING [4]) value received in ACTIVATE PDP CONTEXT REQUEST message.	

CR-Form-v7	
CHANGE REQUEST	
# TS 34.123-3 CR 321 # rev - #	Current version: 3.5.1 #

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

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

Title:	# Correction to RRC Package 1 TC 8.1.1.2 and 8.1.1.3 to add delay before switching to CELL_PCH or URA_PCH		
Source:	# Anite		
Work item code:	# N/A	Date:	# 21/05/2004
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:	# When the UE switches to CELL_PCH or URA_PCH, all the UE RLC entities are suspended and hence no status PDUs are sent causing the SS side AM RLC entities to be RESET. Therefore a delay is added prior to sending the PhysicalChannelConfigurationRequest to allow any outstanding acknowledgements to be received.
Summary of change:	# A delay of 500 ms is added before sending the PhysicalChannelConfigurationRequest.
Consequences if not approved:	# Test case 8_1_1_2 and 8_1_1_3 will fail sometimes.

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:	#								

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	ts_TransitToCellPCH_P15_P16 (p_CellId :INTEGER)
Reason for change	1. When the UE switches to CELL_PCH, all the RLC entities any status PDUs causing the SS side AM RLC entities to be RESET.
Summary of change	1. A delay of 500 ms is added before sending the PhysicalChannelReconfigurationRequest.
Source of change	New Change

Before Change:

Test Step					
Test Step Id: ts_TransitToCellPCH_P15_P16 (p_CellId :INTEGER)					
Test Step Group Ref: RRCM_Generic108_Steps/					
Objective: The test step is for transition of UE to CELL_PCH.					
Defaults: RRC_Def1					
Comments: Reference to 34.108 7.4.2.7.1					
Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		+ ts_SetTmpCellInfo (p_CellId)			
1		AM ! RLC_AM_DATA_REQ	cas_PhyChReconf (tsc_CellDedicated, tsc_RB2, cs_PhyChReconfCellPCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_ActTime, tcv_TmpCellInfo.cRNTI))		step 1
2		+ ts_RRC_ReceivePhyChReconfCmpl (p_CellId, tcv_TmpCellInfo.cellConfig)			@sic ER1435 sic@
3		+ts_RRC_Delay (500)			

After Change:

Test Step					
Test Step Id: ts_TransitToCellPCH_P15_P16 (p_CellId :INTEGER)					
Test Step Group Ref: RRCM_Generic108_Steps/					
Objective: The test step is for transition of UE to CELL_PCH.					
Defaults: RRC_Def1					
Comments: Reference to 34.108 7.4.2.7.1					
Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		+ ts_SetTmpCellInfo (p_CellId)			
1		+ts_RRC_Delay (500)			
2		AM ! RLC_AM_DATA_REQ	cas_PhyChReconf (tsc_CellDedicated, tsc_RB2, cs_PhyChReconfCellPCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tcv_TmpCellInfo.cRNTI))		step 1 @sic ER1563 sic@
3		+ ts_RRC_ReceivePhyChReconfCmpl (p_CellId, tcv_TmpCellInfo.cellConfig)			
4		+ts_RRC_Delay (500)			@sic ER1435 sic@

Local Tree and Test step	ts_TransitToURA_PCH_P17_P18 (p_CellId :INTEGER)
Reason for change	2. When the UE swiches to URA_PCH, all the RLC entities any status PDUs causing the SS side AM RLC entities to be RESET.
Summary of change	2. A delay of 500 ms is added before sending the PhysicalChannelReconfigurationRequest.
Source of change	New Change

Before Change:

Test Step					
Test Step Id: ts_TransitToURA_PCH_P17_P18 (p_CellId : INTEGER)					
Test Step Group Ref: BasicM_RRC_Steps/					
Objective: Transition from CELL_FACH to URA_PCH					
Defaults: RRC_Def1					
Comments: See TS 34.108 clause 7.4.2.7.2					
Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		+ ts_SetTmpCellInfo (p_CellId)			
1		AM RLC_AM_DATA_REQ	cas_PhyChReconf (tsc_CellDedicated, tsc_RB2, cs_PhyChReconfURA_PCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, tcv_ActTime, tcv_TmpCellInfo.cRNTI))		step 1
2		+ ts_RRC_ReceivePhyChReconfCmpl (p_CellId, tcv_TmpCellInfo.cellConfig)			
3		+ ts_RRC_Delay (500)			@sic Regression sic @

After Change:

Test Step					
Test Step Id: ts_TransitToURA_PCH_P17_P18 (p_CellId : INTEGER)					
Test Step Group Ref: BasicM_RRC_Steps/					
Objective: Transition from CELL_FACH to URA_PCH					
Defaults: RRC_Def1					
Comments: See TS 34.108 clause 7.4.2.7.2					
Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		+ ts_SetTmpCellInfo (p_CellId)			
1		+ ts_RRC_Delay (500)			
2		AM RLC_AM_DATA_REQ	cas_PhyChReconf (tsc_CellDedicated, tsc_RB2, cs_PhyChReconfURA_PCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, tcv_ActTime, tcv_TmpCellInfo.cRNTI))		step 1
3		+ ts_RRC_ReceivePhyChReconfCmpl (p_CellId, tcv_TmpCellInfo.cellConfig)			
4		+ ts_RRC_Delay (500)			@sic Regression/ER 1435 sic@

CR-Form-v7	
CHANGE REQUEST	
# TS 34.123-3 CR 318 # rev - #	Current version: 3.5.1 #

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

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

Title:	# Correction to RRC Package 2 TC 8.3.1.4 to stop the timer t_WaitS after receiving expected UTRAN MOBILITY INFORMATION CONFIRM message from UE.		
Source:	# Anite		
Work item code:	# N/A	Date:	# 21/05/2004
Category:	# F	Release:	# R99
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	# 1. In line #23 of tc_8_3_1_4, timer t_WaitS is started, but not cancelled later on if line #25 is executed. This may cause an unexpected result of the test case, so after receiving UTRAN MOBILITY INFORMATION CONFIRM message from UE, t_WaitS timer should be stopped.
Summary of change:	# 1. A "CANCEL t_WaitS" in line #25 is added to stop the t_WaitS timer.
Consequences if not approved:	# Test case will fail a complaint UE.

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

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

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

Change 1:

Local Tree and Test step	Local tree It_TestBody of tc_8_3_1_4
Reason for change	1. In line #23 of tc_8_3_1_4, timer t_WaitS is started, but not cancelled later on if line #25 is executed. This may cause an unexpected result of the test case, so after receiving UTRAN MOBILITY INFORMATION CONFIRM message from UE, t_WaitS timer should be stopped.
Summary of change	1. A "CANCEL t_WaitS" in line #25 is added to stop the t_WaitS timer.
Source of change	New change

TTCN before change:

It_TestBody					
15	TBP1	+ts_RRC_ReceiveCellUpdatePeriod(tsc_Cella, cdr_CellUpdateAny (tcv_CellInfoAuRNTI, periodicalCellUpdate), tsc_T305_Max, tsc_T305_Min)			Step 2. The UE transmit CELL UPDATE message with the IE "Cell update cause" set to "periodic cell update"
16		+ts_CMAC_New_RNTI_Reconf(TRUE, tsc_Cella, tcv_CellInfoAuRNTI, tsc_CRNTI_1)			SS has valid U-RNTI only, SS reconfiguration to use URNTI.
17		UM RLC_UM_DATA_REQ (tcv_CellInfoAcRNTI = tsc_CRNTI_1)	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 3. SS sends CELL UPDATE CONFIRM including IEs "new C-RNTI", and IE "Status Indicator" set to "cell_FACH" Contains no new URNTI.
18		+ts_CMAC_New_RNTI_Reconf(FALSE, tsc_Cella, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)			SS has valid C-RNTI, SS reconfiguration to use CFNTI
19		START t_WaitS			
20	TBF1	? TIMEOUT t_WaitS		(F)	
21	TBP2	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))	(P)	UTRAN MOBILITY INFORMATION CONFIRM
22		AM RLC_AM_DATA_REQ	cas_RRC_UtranMobilityInfo(tsc_CellDedicated, tsc_RB2, cds_UTRAN_MobilityInfoInfinityTimer (tcv_RRC_Ti, tcv_CellIndInfo.dl_IntegrityCheckInfo, OMIT, OMIT))		Step 4. SS sends UTRAN MOBILITY INFORMATION message to Set1-305 to infinity
23		START t_WaitS			
24	TBF2	? TIMEOUT t_WaitS		(F)	
25	TBP3	AM ? RLC_AM_DATA_IND	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))	(P)	Step 5. UE sends UTRAN MOBILITY INFORMATION CONFIRM message

TTCN after change:

It_TestBody					
15	TBP1	+ts_RRC_ReceiveCellUpdatePeriod(tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoAuRNTI, periodicCellUpdate), tsc_T305_Max, tsc_T305_Min)			Step 2. The UE transmit CELL UPDATE message with the IE "Cell update cause" set to "periodic cell update"
16		+ts_CMAC_New_RNTI_Reconf(TRACE, tsc_CellA, tcv_CellInfoAuRNTI, tsc_CRNTI_1)			SS has valid U-RNTI only, SS reconfiguration to use URNTI.
17		UM I RLC_UM_DATA_REQ (tcv_CellInfoAcRNTI => tsc_CRNTI_1)	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH (tcv_CellInfo.dl.IntegrityCheckInfo, tcv_RRC_TI, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 3. SS sends CELL UPDATE CONFIRM including IEs "new C-RNTI", and IE "Status Indicator" set to "cell_FACH" Contains no new URNTI.
18		+ts_CMAC_New_RNTI_Reconf(FALSE, tsc_CellA, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)			SS has valid C-RNTI, SS reconfiguration to use CRNTI
19		START t_WaitS			
20	TBF1	? TIMEOUT t_WaitS		(F)	
21	TBP2	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(F)	UTRAN MOBILITY INFORMATION CONFIRM
22		AM I RLC_AM_DATA_REQ	cas_RRC_UtranMobilityInfo(tsc_CellDedicated, tsc_RB2, cds_UTRAN_MobilityInfoInfinityTimer (tcv_RRC_TI, tcv_CellInfo.dl.IntegrityCheckInfo, OMIT, OMIT))		Step 4. SS sends UTRAN MOBILITY INFORMATION message to Set1-305 to Infinity
23		START t_WaitS			
24	TBF2	? TIMEOUT t_WaitS		(F)	
25	TBP3	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(F)	Step 5. UE sends UTRAN MOBILITY INFORMATION CONFIRM message

CHANGE REQUEST

TS 34.123-3 CR 319 # rev - # Current version: **3.5.1**

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 and 2 test cases from sections 8.1.x, 8.2.x and 8.3.x 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:	# 21/05/2004
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. Sufficient 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. This impacts the following test cases: 8.1.1.2, 8.1.1.3, 8.1.1.5, 8.1.1.6, 8.2.1.9, 8.2.2.9, 8.2.2.18, 8.2.3.8, 8.2.6.8, 8.3.1.3, 8.3.1.4, 8.3.1.5, 8.3.1.6, 8.3.1.11 and 8.3.1.31
Summary of change:	# 1. Added a line At Line #30 of tc_8_1_1_2, Line #20 of tc_8_1_1_3, Line #25 of tc_8_1_1_5, Line #24 of tc_8_1_1_6, Line #16 of tc_8_2_1_9, Line #18 of tc_8_2_2_9, Line #24 of tc_8_2_2_18, Line #16 of tc_8_2_3_8, Line #18 of tc_8_2_6_8, Line #19, 31 and 48 of tc_8_3_1_3, Line #18 and #37 of tc_8_3_1_4, Line #18 of tc_8_3_1_5, Line #19 of tc_8_3_1_6, Line #17 of tc_8_3_1_11 and Line #23 of tc_8_3_1_31 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. 2. Added a line At Line #8 of test step ts_RRC_BringUE_ToCellFACH_DCH 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:	# Test case may fail a complaint UE.

Clauses affected: # N.A.

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

How to create CRs using this form:

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

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

Change 1:

Local Tree and Test step It_TestBody of tc_8_1_1_2

Reason for change Sufficient 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 At Line #30 of tc_8_1_1_2 , added a line 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:

It_TestBody				
18		+ts_CMAC_Pag1_CfgConnMode (tsc_CellA)		
19		TM I RLC_TR_DATA_REQ START t_WaitMS	cas_PagingType1 (tsc_CellA, tsc_RB_PCCH, cs_PagingType1_WrongId (c_U_RNTI_3))	Step 2 Send a Paging Type1 with an unmatched Identifier
20	TBF1	TM ? RLC_TR_DATA_IND CANCEL t_WaitMS	car_RRC_CellUpdate (tsc_CellA, tsc_RB0, cbr_108_CellUpdate (tcv_CellInfoAuRNTI, utran_pagingResponse))	(F)
21	TBP1	?TIMEOUT t_WaitMS		(P)
22		+ts_RRC_PagType1 (tsc_CellA, o_ConvertIMSI(gx_IMSI_Def), tcv_RRC_PagingCau)		
23		START t_WaitMS		
24	TBF2	TM ? RLC_TR_DATA_IND CANCEL t_WaitMS	car_RRC_CellUpdate(tsc_CellA, tsc_RB0, cbr_108_CellUpdate (tcv_CellInfoAuRNTI, utran_pagingResponse))	(F)
25	TBP2	?TIMEOUT t_WaitMS		(P)
26		TM I RLC_TR_DATA_REQ	cas_PagingType1(tsc_CellA, tsc_RB_PCCH, cs_PagingType1_UTRAN (tcv_CellInfoAuRNTI))	Step 4 Send a Paging Type1 with a matched Identifier and with originator UTRAN
27		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoAuRNTI, utran_pagingResponse) , (tsc_WaitForPagingRsp*1000))		step 5
28		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoAuRNTI, tsc_CRNTI_1)		
29		UM I RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbr_108_CellUpdateCnfDCCH(tcv_CellIndInfoId_IntegrityCheckInfo, tcv_RRC_TI, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT, OMIT))	step 6
30		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tcv_CellInfoAuRNTI, tsc_CRNTI_1)		
31		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnfInd (tsc_CellDedicated, tsc_RB2, (cr_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(P) step 7
Detailed Comment:				

After:

It_TestBody				
18		+ts_CMAC_Pag1_CfgConnMode (tsc_Cella)		
19		TM I RLC_TR_DATA_REQ START t_WaitMS	cas_PagingType1 (tsc_Cella, tsc_RB_PCCCH, cs_PagingType1_WrongId (c_U_RNTI_3))	Step 2 Send a Paging Type1 with an unmatched Identifier
20	TBF1	TM ? RLC_TR_DATA_IND CANCEL t_WaitMS	car_RRC_CellUpdate (tsc_Cella, tsc_RB0, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, utran_pagingResponse))	(F)
21	TBP1	?TIMEOUT t_WaitMS		(P)
22		+ts_RRC_PagType1 (tsc_Cella, o_ConvertIMSI(gx_IMSI_Def), tcv_RRC_PagingCau)		
23		START t_WaitMS		
24	TBF2	TM ? RLC_TR_DATA_IND CANCEL t_WaitMS	car_RRC_CellUpdate(tsc_Cella, tsc_RB0, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, utran_pagingResponse))	(F)
25	TBP2	?TIMEOUT t_WaitMS		(P)
26		TM I RLC_TR_DATA_REQ	cas_PagingType1(tsc_Cella, tsc_RB_PCCCH, cs_PagingType1_UTRAN (tcv_CellInfoA.uRNTI))	Step 4 Send a Paging Type1 with a matched Identifier and with originator UTRAN
27		+ts_RRC_ReceiveCellUpdateNotificationPeriodic (tsc_Cella, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, utran_pagingResponse) , (tsc_WaitForPagingRsp*1000))		step 5
28		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_Cella, tcv_CellInfoA.uRNTI, tsc_CRNTI_1)		
29		UM I RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbr_108_CellUpdateCnfDCCH(tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_RRC_Tt, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT, OMIT))	step 6
30		+ts_RRC_Delay(30)		To make sure that cell update Cnf reaches UE before CMAC config
31		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_Cella, tcv_CellInfoA.uRNTI, tsc_CRNTI_1)		
32		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnfInd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tcv_RRC_Tt))	(P) step 7

Change 2:

Local Tree and Test step

It_TestBody of tc_8_1_1_3

Reason for change

Sufficient 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

At Line #20 of tc_8_1_1_3 , added a line 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:

It_TestBody					
12		+ts_CMAC_Pag1_CfgConnMode (tsc_CellA)			
13		TM RLC_TR_DATA_REQ START t_WaitMS	cas_PagingType1 (tsc_CellA, tsc_RB_PCCH, cs_PagingType1_WrongId (e_U_RNTI_3))		Step 1 Send a Paging Type1 with an unmatched Identifier
14	TBF1	TM ? RLC_TR_DATA_IND CANCEL t_WaitMS	car_RRC_CellUpdate (tsc_CellA, tsc_RB0, cbr_108_CellUpdate (tv_CellInfoA_uRNTI, utran_pagingResponse))	(F)	
15	TBF1	? TIMEOUT t_WaitMS		(P)	The UE shall not respond to the paging
16		TM RLC_TR_DATA_REQ	cas_PagingType1 (tsc_CellA, tsc_RB_PCCH, cs_PagingType1_UTRAN (tv_CellInfoA_uRNTI))		Step 2 Send a Paging Type1 with a matched Identifier and with originator UTRAN
17		+ ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tv_CellInfoA_uRNTI, utran_pagingResponse), (tsc_WaitForPagingRsp*1000))			Step 3
18		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tv_CellInfoA_uRNTI, tsc_CRNTI_1)			
19		UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbr_108_CellUpdateCnfDCCH, tv_CellInfoA_uRNTI, tv_RRC_T1 OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT, OMIT)		Step 4
20		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tv_CellInfoA_uRNTI, tsc_CRNTI_1)			
21		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnf (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tv_RRC_T1))	(P)	step 5
Detailed Comment:					

After:

It_TestBody					
12		+ts_CMAC_Pag1_CfgConnMode (tsc_CellA)			
13		TM RLC_TR_DATA_REQ START t_WaitMS	cas_PagingType1 (tsc_CellA, tsc_RB_PCCCH, cs_PagingType1_WrongId (e_U_RNTI_3))		Step 1 Send a Paging Type1 with an unmatched Identifier
14	TBF1	TM ? RLC_TR_DATA_IND CANCEL t_WaitMS	car_RRC_CellUpdate (tsc_CellA, tsc_RB0, cbr_108_CellUpdate (tcv_CellInfoA_uRNTI, utran_pagingResponse))	(F)	
15	TBF1	? TIMEOUT t_WaitMS		(P)	The UE shall not respond to the paging
16		TM RLC_TR_DATA_REQ	cas_PagingType1 (tsc_CellA, tsc_RB_PCCCH, cs_PagingType1_UTRAN (tcv_CellInfoA_uRNTI))		Step 2 Send a Paging Type1 with a matched Identifier and with originator UTRAN
17		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoA_uRNTI, utran_pagingResponse), (tsc_WaitForPagingRsp*1000))			Step 3
18		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoA_uRNTI, tsc_CRNTI_1)			
19		UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbr_108_CellUpdateCnfDCCH (tcv_CellIndInfo, tcv_RRC_TI, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 4
20		+ts_RRC_Delay(30)			To make sure that cell update Cnf reaches UE before CMAC config
21		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tcv_CellInfoA_uRNTI, tsc_CRNTI_1)			
22		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnf (tcv_RRC_TI)	(P)	step 5

Change 3:

Local Tree and Test step It_TestBody of tc_8_1_1_5

Reason for change Sufficient 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 At Line #25 of tc_8_1_1_5, added a line 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:

21		+ts_ConnectedModePagingType1 (tsc_CellA)			Step 4 Send a Paging Type1 with a matched Identifier and with originator UTRAN
22		+ ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoAuRNTI, ue_ran_pagingResponse), 13500)			step 5
23		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)			
24	TBP2	UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnfCCH (tsc_CellA, tsc_RB0, cbs_108_CellUpdateCnfCCH (tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_CellInfoAuRNTI, tcv_RRC_Ti, OMIT, OMIT, cell_PCH, OMIT, OMIT, OMIT, tcv_CellInfoAdRXCycleLengthuTRAN_DRX_CycleLength))	(P)	step 6
25		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)			re-configuration of SS with the new C-RNTI
26	TBP3	+ ts_RRC_Delay (1000)			step 7
27		+ ts_RRC_BringUE_ToCellFACH_DCH (tsc_CellA)			

After:

21		+ts_ConnectedModePagingType1 (tsc_CellA)			Step 4 Send a Paging Type1 with a matched Identifier and with originator UTRAN
22		+ ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoAuRNTI, ue_ran_pagingResponse), 13500)			step 5
23		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)			
24	TBP2	UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnfCCH (tsc_CellA, tsc_RB0, cbs_108_CellUpdateCnfCCH (tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_CellInfoAuRNTI, tcv_RRC_Ti, OMIT, OMIT, cell_PCH, OMIT, OMIT, tcv_CellInfoAdRXCycleLengthuTRAN_DRX_CycleLength))	(P)	step 6
25		+ts_RRC_Delay(30)			To make sure that cell update Cnf reaches UE before CMAC config
26		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)			re-configuration of SS with the new C-RNTI
27	TBP3	+ ts_RRC_Delay (1000)			step 7
28		+ ts_RRC_BringUE_ToCellFACH_DCH (tsc_CellA)			

Change 4:

Local Tree and Test step

It_TestBody of tc_8_1_1_6

Reason for change

Sufficient 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

At Line #24 of tc_8_1_1_6 , added a line 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:

20		TM I RLC_TR_DATA_REQ	cas_PagingType1(tsc_CellA, tsc_RB_PCCCH, cs_PagingType1_UTRAN(tcv_CellInfoA.uRNTI))	Step 4 Send a Paging Type1 with a matched Identifier and with originator UTRAN
21		(tcv_CellInfoA.dRX_CycleLength.uTRAN_DRX_CycleLength = 3)		
22		+ ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CellA, cbr_108_CellUpdate(tcv_CellInfoA.uRNTI, uTRAN_pagingResponse), (tsc_WaitForPagingResp*1000))		step 5
23	TBP2	UM I RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnfCCH(tsc_CellA, tsc_RB0, cbs_108_CellUpdateCnfCCH(tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_CellInfoA.uRNTI, tcv_RRC_TI, OMIT, OMIT, ura_PCH, OMIT, OMIT, OMIT, tcv_CellInfoA.dRX_CycleLength.uTRAN_DRX_CycleLength))	step 6
24		+ts_CMAC_New_RNTI_Reconf(FALSE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)		re-configuration of SS with the new C-RNTI
25	TBP3	+ts_RRC_Delay(1000)		step 7
26		+ ts_RRC_BringUE_ToCellFACH_DCH(tsc_CellA)		

After:

20		TM IRLC_TR_DATA_REQ	cas_PagingType1(tsc_CellA,tsc_RB_PCCH, cs_PagingType1_UTRAN(tsc_CellInfoAuRNTI))		Step 4 Send a Paging Type1 with a matched identifier and with originator UTRAN
21		(tsc_CellInfoAdRX_CycleLength.uTRAN_DRX_CycleLength == 3)			
22		+ts_RRC_ReceiveCellUpdate NonPeriodic (tsc_CellA, cbr_108_CellUpdate (tsc_CellInfoAuRNTI, ultra_n_pagingResponse), (tsc_WaitForPagingRsp*1000))			step 5
23	TBP2	UM IRLC_UM_DATA_REQ	cas_RRC_CellUpdateCnfCCH(tsc_CellA,tsc_RB0, cbs_108_CellUpdateCnfCCH (tsc_CellIndInfo.dl_IntegrityCheckInfo, tsc_CellInfoAuRNTI,tsc_RRC_Tl,OMIT, OMIT, ura_PCH, OMIT, OMIT, OMIT, tsc_CellInfoAdRX_CycleLength.uTRAN_DRX_CycleLength))	(P)	step 6
24		+ts_RRC_Delay(30)			To make sure that cell update Cnf reaches UE before CMAC config
25		+ts_CMAC_New_RNTI_Reconf(FALSE,tsc_CellA, tsc_CellInfoAuRNTI,tsc_CellInfoAcRNTI)			re-configuration of SS with the new C-RNTI
26	TBP3	+ts_RRC_Delay(1000)			step 7
27		+ts_RRC_BringUE_ToCell FACH_DCH (tsc_CellA)			

Change 5:

Local Tree and Test step It_TestBody of tc_8_2_1_9

Reason for change Sufficient 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 At Line #16 and 35 of tc_8_2_1_9, added a line 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:

It_LocalTest					
10	TBS	(tcv_TestBody:=TRUE)			
11		+ts_SetUpRAB_PS_DCH_ToFACH TimerPoll (tsc_Cella, cbs_108_R B_SetUpDCH_ToFACH (tcv_CellIn dInfo.dl_IntegrityCheckInfo, tcv_RRC _TI, tcv_CellInfoA.frequencyInfo, tcv _RAB_Id, tcv_CellInfoA.priScrmCo de, OMIT), tcv_TimerPoll)			Step 3 @sic OG 07/01/04 T1-03 1842 sic@
12		+ts_RRC_ReceiveCellUpdateNon Periodic (tsc_Cella, cbr_108_CellU pdate (tcv_CellInfoAuRNTI, cellRe selection), 15000)			Step 4
13		(tcv_CellInfoA.cellConfig = cell_F ACH_PS)			
14		+ts_CMACE_New_RNTI_Reconf (TRUE, tsc_Cella, tcv_CellInfoAuRNTI, tsc_New_CRNTI)			
15		UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUp dateCnfDCCH (tcv_CellIn dInfo.dl_IntegrityCheckInfo, tcv _RRC_TI, OMIT, tsc_Ne w_CRNTI, cell_FACH, O MIT, OMIT, OMIT))		Step 5
16		+ts_CMACE_New_RNTI_Reconf (FALSE, tsc_Cella, tcv_CellInfoAuR NTI, tsc_New_CRNTI)			
17	TBP1	AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnf (P) nd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tcv_RRC_TI))		Step 6

After:

It_LocalTest					
10	TBS	(tcv_TestBody:=TRUE)			
11		+ts_SetUpRAB_PS_DCH_ToFACH TimerPoll (tsc_Cella, cbs_108_R B_SetUpDCH_ToFACH (tcv_CellIn dInfo.dl_IntegrityCheckInfo, tcv_RRC _TI, tcv_CellInfoA.frequencyInfo, tcv _RAB_Id, tcv_CellInfoA.priScrmCo de, OMIT), tcv_TimerPoll)			Step 3 @sic OG 07/01/04 T1-03 1842 sic@
12		+ts_RRC_ReceiveCellUpdateNon Periodic (tsc_Cella, cbr_108_CellU pdate (tcv_CellInfoAuRNTI, cellR eselection), 15000)			Step 4
13		(tcv_CellInfoA.cellConfig = cell_F ACH_PS)			
14		+ts_CMACE_New_RNTI_Reconf (TRUE, tsc_Cella, tcv_CellInfoAuRNTI, tsc_New_CRNTI)			
15		UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUp dateCnfDCCH (tcv_Cell ndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, OMIT, tsc_New_CRNTI, cell_FA CH, OMIT, OMIT, OMIT))		Step 5
16		+ts_RRC_Delay(30)			To make sure that cell u pdate Cnf reaches UE be fore CMAC confg
17		+ts_CMACE_New_RNTI_Reconf (FALSE, tsc_Cella, tcv_CellInfoAuR NTI, tsc_New_CRNTI)			
18	TBP1	AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnf (P) nd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_Mobilit yInfoCnf (tcv_RRC_TI))		Step 6

Change 6:

Local Tree and Test step

It_TestBody of tc_8_2_2_9

Reason for change

Sufficient 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

At Line #18 of tc_8_2_2_9 , added a line 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:

15		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_Cella, cbr_108_CellUpdate (tcv_CellInfoAuRNTI, cellReselection), 15000)		step 4 in prose;
16		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_Cella, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)		
17		UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT, OMIT))	Step 5 in prose;
18		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_Cella, tcv_CellInfoAuRNTI, tsc_CRNTI_1)		
19		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnfnd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))	step 6 in prose;
20		+ts_RRC_ReceiveRB_ReconfCmpl (tsc_Cella)		step 7 in prose; @sic 00-17/1203 ER1441 sic@
21		+ts_C2_CheckCellFACH (tsc_Cella)		step 8
22	TBE	(tcv_TestBody = FALSE)		

After:

15		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_Cella, cbr_108_CellUpdate (tcv_CellInfoAuRNTI, cellReselection), 15000)		step 4 in prose;
16		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_Cella, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)		
17		UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT, OMIT))	Step 5 in prose;
18		+ts_RRC_Delay(30)		To make sure that cell update Cnf reaches UE before CMAC config
19		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_Cella, tcv_CellInfoAuRNTI, tsc_CRNTI_1)		
20		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnfnd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))	step 6 in prose;

Change 7:

Local Tree and Test step

It_TestBody of tc_8_2_2_18

Reason for change

Sufficient 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

At Line #24 of tc_8_2_2_18, added a line 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:

20		+ts_RRC_ReceiveCellUpdateNotificationPeriodic (tsc_CellB, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, cellReeselection), 15000)		Step 4
21		(tcv_CellInfoB.cRNTI := tsc_CRNTL1)		
22		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellB, tcv_CellInfoB.uRNTI, tcv_CellInfoB.cRNTI)		
23		UMI RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellInfo.d_IntegrityCheckInfo, tcv_RRC_T1, OMIT, tcv_CellInfoB.cRNTI, cell_FACH, OMIT, OMIT, OMIT))	Step 5
24		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellB, tcv_CellInfoB.uRNTI, tcv_CellInfoB.cRNTI)		
25		+ts_SS_RLC_Continue_RB (tsc_RB2)		Step 5a @sic OG 17/02/04 ER1479 sic@
26		+It_RB_ReconfCmpl_And_UMTRAN_MobilityInfoCnf		
27		+ts_C2_CheckCellFACH (tsc_CellB)		Step 8
28	TBE	(tcv_TestBody := FALSE)		

After:

20		+ts_RRC_ReceiveCellUpdateN onPeriodic (tsc_CellB.cbr_108_Cel lUpdate (tcv_CellInfoA.uRNTI, cellR eselection), 15000)			Step 4
21		(tcv_CellInfoB.cRNTI != tsc_CR NTL_1)			
22		+ts_CMAC_New_RNTI_Reconf f(TRUE, tsc_CellB, tcv_CellInfoB.u RNTI, tcv_CellInfoB.cRNTI)			
23		UMIRLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1.cbs_108_CellUpd ateCnfDCCH (tcv_CellIn dInfo.d_IntegrityCheckInfo, tcv_RRC_TI, OMIT, tcv_CellInfoB.cRNTI, cell_FACH, OMIT, OMIT, OMIT))		Step 5
24		+ts_RRC_Delay(30)			To make sure that cell u pdate Cnf reaches UE be fore CMAC config
25		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellB, tcv_CellInfo B.uRNTI, tcv_CellInfoB.cRNTI)			
26		+ts_SS_RLC_Continue_RB (tsc_RB2)			Step 5a @sic: 00 17/02/04 ER14 79 sic@
27		+It_RB_ReconfCmpl_And_ UTRAN_MobilityInfoCnf			
28		+ts_C2_CheckCellFACH (tsc_CellB)			Step 8
29	TBE	(tcv_TestBody = FALSE)			

Change 8:

Local Tree and Test step It_TestBody of tc_8_2_3_8

Reason for change Sufficient 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 At Line #16 of tc_8_2_3_8 , added a line 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:

13		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_Cella,cbr_108_CellUpdate (tcv_CellInfoAuRNTI, cellReselection), 15000)			step 4 in prose;
14		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_Cella, tcv_CellInfoAuRNTI, tcv_CellInfoAuRNTI)			SS reconfig. U_RNTI is used
15		UM ? RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellInfo.dl.IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT, OMIT))		Step 5 in prose;
16		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_Cella, tcv_CellInfoAuRNTI, tsc_CRNTI_1)			updated SS for new RNTI
17		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnf (P) (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))		step 6 in prose;
18		+ts_RRC_ReceiveRB_RelCmpl (tsc_Cella, cell_FACH)			Step 7 in prose
19		+ts_C2_CheckCellFACH (tsc_Cella)			step 8
20	TBE	(tcv_TestBody=FALSE)			

After:

13		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_Cella,cbr_108_CellUpdate (tcv_CellInfoAuRNTI, cellReselection), 15000)			step 4 in prose;
14		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_Cella, tcv_CellInfoAuRNTI, tcv_CellInfoAuRNTI)			SS reconfig. U_RNTI is used
15		UM ? RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellInfo.dl.IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT, OMIT))		Step 5 in prose;
16		+ts_RRC_Delay(30)			To make sure that cell update Cnf reaches UE before CMAC config
17		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_Cella, tcv_CellInfoAuRNTI, tsc_CRNTI_1)			updated SS for new RNTI
18		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnf (P) (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))		step 6 in prose;
19		+ts_RRC_ReceiveRB_RelCmpl (tsc_Cella, cell_FACH)			Step 7 in prose
20		+ts_C2_CheckCellFACH (tsc_Cella)			step 8
21	TBE	(tcv_TestBody=FALSE)			

Change 9:

Local Tree and Test step

It_TestBody of tc_8_2_6_8

Reason for change

Sufficient 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

At Line #18 of tc_8_2_6_8 , added a line 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:

15	TBP1	+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cdr_CellUpdateAny (tsc_CellInfoAuRNTI, cellReselection), 15000)			step 4
16		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tsc_CellInfoAuRNTI, tsc_New_CRNTI2)			SS reconfiguration
17		UM ? RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnfDCCH (tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tsc_CellInfo.d_IntegrityCheckInfo, tsc_RRC_TI, OMIT, tsc_New_CRNTI2, cell_FACH, OMIT, OMIT, OMIT))		step 5
18		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tsc_CellInfoAuRNTI, tsc_New_CRNTI2)			SS reconfiguration
19		START L_WaitS			
20	TBF1	? TIMEOUT L_WaitS		(F)	
21	TBP2	AM ? RLC_AM_DATA_IND CANCEL L_WaitS	car_RRC_UtranMobilityInfoCnf (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tsc_RRC_TI))	(P)	UTRAN MOBILITY INFORMATION CONFIRM
22	TBP3	+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA, tsc_CellInfoA.cellicConfig)			step 7

After:

15	TBP1	+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cdr_CellUpdateAny (tvv_CellInfoA.uRNTI, cellReselection), 15000)			step 4
16		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tvv_CellInfoA.uRNTI, tsc_New_CRNTI2)			SS reconfiguration
17		UMI RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnfDCCCH (tsc_CellDedicated, tsc_RB1, ebs_108_CellUpdateCnfDCCCH (tvv_CellIndInfo.d_IntegrityCheckInfo, tvv_RRC_T1, OMIT, tsc_New_CRNTI2, cell_FACH, OMIT, OMIT, OMIT))		step 5
18		+ts_RRC_Delay(30)			To make sure that cell update Cnf reaches UE before CMAC config
19		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tvv_CellInfoA.uRNTI, tsc_New_CRNTI2)			SS reconfiguration
20		START_L_WaitS			
21	TBF1	? TIMEOUT_L_WaitS		(F)	
22	TBP2	AM ? RLC_AM_DATA_IND CANCEL_L_WaitS	car_RRC_UtranMobilityInfoCnf (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tvv_RRC_T1))	(P)	UTRAN MOBILITY INFORMATION CONFIRM
23	TBP3	+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA, tvv_CellInfoA.cellConfig)			step 7

Change 10:

Local Tree and Test step It_TestBody and It_Check_Periodic of tc_8_3_1_3

Reason for change Sufficient 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 At Line #18, #29 and #46 of tc_8_3_1_3, added a line 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:

It_TestBody					
14	TBP1	+ts_RRC_ReceiveCellUpdatePeriodic (tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, periodicalCellUpdate), tsc_T305_Max, tsc_T305_Min)			Step 1 T305 in Sys info set to 60 Mins Step 2. IE "Cell update cause" set to "Periodic cell update"
15		UM I RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, OMIT, OMIT, cell_FACH, OMIT, OMIT, OMIT))		Step 3. No New-CRNTI @sic Jitendra CR# T1-03 1926 sic@
16	TBP2	+ts_RRC_ReceiveCellUpdatePeriodic(tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, periodicalCellUpdate), tsc_T305_Max, tsc_T305_Min)			Step 4. SS verifies that no uplink message is received up to T305 - 10% Step 5. The UE sends CELL UPDATE message with "Cell Update Cause" set to "Periodic Cell Update" @sic Jitendra CR# T1-03 1926 sic@
17		UM I RLC_UM_DATA_REQ (tcv_CellInfoA.cRNTI => tsc_CRNTI_1, tcv_CellInfoA.uRNTI => t_U_RNTI_1)	cas_RRC_CellUpdateCnfDCCH(tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewuRNTI_DCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, t_U_RNTI_1, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 6. SS sends CELL UPDATE CONFIRM including IEs "new C-RNTI", "new U-RNTI" and IE "Status Indicator" set to "cell_FACH" on DCCH @sic Jitendra CR# T1-03 1926 and Week04 Regression sic@
18		+ts_CMAC_NewU_RNTI_Reconf (tsc_CellA, t_U_RNTI_1, tsc_CRNTI_1)			SS reconfiguration
19	TBP3	AM ? RLC_AM_DATA_IND	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(P)	Step 7 UTRAN MOBILITY INFORMATION CONFIRM

26		+ts_HO_ReconfFACH_ToFACH (tsc_CellA, tsc_CellB)			Change the DCCH/DTCH mapping to CellB
27		+ts_CMAC_NewRNTI_Reconf (TRUE, tsc_CellB, tcv_CellInfoA.uRNTI, tcv_CellInfoB.cRNTI)			C-RNTI becomes obsolete upon cell reselection to a new cell. U-RNTI must be used. @sic Jitendra CR# T1-03 1926 sic@
28		UM I RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, tcv_CellInfoB.uRNTI, tcv_CellInfoB.cRNTI, cell_FACH, OMIT, OMIT))		step 12;
29		+ts_CMAC_NewU_RNTI_Reconf (tsc_CellB, tcv_CellInfoB.uRNTI, tcv_CellInfoB.cRNTI)			SS reconfiguration
30		START t_WaitS			
31	TBF2	? TIMEOUT t_WaitS		(F)	
32	TBP6	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(P)	Step 12a UTRAN MOBILITY INFORMATION CONFIRM
33		+tl_Check_Periodic			

It_Check_Periodic					
34		START t_WaitS (60*60)			Step 13
35	TBF3	TM ? RLC_TR_DATA_IND	car_RRC_CellUpdate(tsc_CellB, tsc_RB0, cdr_CellUpdateAny (*, *))	(F)	step 13 check Cell update not received
36	TBP7	? TIMEOUT t_WaitS		(P)	@sic OG 150304 ER1591 sic@
37		AM I RLC_AM_DATA_REQ	cas_RRC_UtranMobilityInfo(tsc_CellDedicated, tsc_RB2, cds_UTRAN_MobilityInfoTimer (tcv_RRC_Ti, tcv_CellIndInfo.d_IntegrityCheckInfo, OMIT, OMIT))		Step 14 . SS sends UTRAN MOBILITY INFORMATION message to Set1-305 to 5min
38		START t_WaitS			
39	TBF4	? TIMEOUT t_WaitS		(F)	
40	TBP8	AM ? RLC_AM_DATA_IND	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))	(P)	Step 15 . UE sends UTRAN MOBILITY INFORMATION CONFIRM message
41		+ts_SS_SwitchCellPowerLevels (tsc_CellA, tsc_CellB)			Step 16;
42	TBP9	+ts_RRC_ReceiveCellUpdateNoPeriodic(tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoB.uRNTI, cellReelection), tsc_MaxCampingTime * 1000))			Step 17 . UE send CELL UPDATE message with "cell reselection" is included in IE "Cell update cause"
43		+ts_HO_ReconfFACH_ToFACH (tsc_CellB, tsc_CellA)			Change the DCCH/DTCH mapping to CellA
44		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoB.uRNTI, tcv_CellInfoA.cRNTI)			C-RNTI becomes obsolete upon cell reselection 1 or a new cell.uRNTI must be used.
45		UM I RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cds_CellUpdateCnfNewURNТИ_DCCH (tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_RRC_Ti, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI, cellFACH, OMIT, OMIT))		step 18;
46		+ts_CMAC_New_U_RNTI_Reconf (tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			SS reconfiguration
47		START t_WaitS			
48	TBF5	? TIMEOUT t_WaitS		(F)	

After:

It_TestBody					
14	TBP1	+ts_RRC_ReceiveCellUpdatePeriodic(tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, periodicalCellUpdate), tsc_T305_Max, tsc_T305_Min)			Step 1 T305 in Sys info is set to 60 Mins Step 2. IE "Cell update cause" set to "Periodic cell update"
15		UM I RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_RRC_TI, OMIT, OMIT, cell_FACH, OMIT, OMIT, OMIT))		Step 3. No New-CRNTI @sic Jitendra CR# T1-03 1926 sic@
16	TBP2	+ts_RRC_ReceiveCellUpdatePeriodic(tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, periodicalCellUpdate), tsc_T305_Max, tsc_T305_Min)			Step 4. SS verifies that no uplink message is received up to T305 - 10% Step 5. The UE sends CELL UPDATE message with "Cell Update Cause" set to "Periodic Cell Update" @sic Jitendra CR# T1-03 1926 sic@
17		UM I RLC_UM_DATA_REQ (tcv_CellInfoA.cRNTI = tsc_CRNTI_1, tcv_CellInfoA.uRNTI = c_U_RNTI_1)	cas_RRC_CellUpdateCnfDCCH(tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH(tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_RRC_TI, c_U_RNTI_1, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 6. SS sends CELL UPDATE CONFIRM including IEs "new C-RNTI", "new U-RNTI" and IE "Status Indicator" set to "cell_FACH" on DCCH @sic Jitendra CR# T1-03 1926 and Week04 Regression sic@
18		+ts_RRC_Delay(30)			
19		+ts_CMACE_NewU_RNTI_Reconf (tsc_CellA, c_U_RNTI_1, tsc_CRNTI_1)			SS reconfiguration
20	TBP3	AM ? RLC_AM_DATA_IND	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(P)	Step 7 UTRAN MOBILITY INFORMATION CONFIRM
27		+ts_HO_ReconfFACH_ToFACH(tsc_CellA, tsc_CellB)			Change the DCCH/DTCH mapping to CellB
28		+ts_CMACE_NewU_RNTI_Reconf (TRUE, tsc_CellB, tcv_CellInfoA.uRNTI, tcv_CellInfoB.cRNTI)			C-RNTI becomes obsolete upon cell reselection to a new cell. U-RNTI must be used. @sic Jitendra CR# T1-03 1926 sic@
29		UM I RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH(tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_RRC_TI, tcv_CellInfoB.uRNTI, tcv_CellInfoB.cRNTI, cell_FACH, OMIT, OMIT))		step 12;
30		+ts_RRC_Delay(30)			
31		+ts_CMACE_NewU_RNTI_Reconf (tsc_CellB, tcv_CellInfoB.uRNTI, tcv_CellInfoB.cRNTI)			SS reconfiguration
32		START t_WaitS			
33	TBP2	? TIMEOUT t_WaitS		(F)	
34	TBP6	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(P)	Step 12a UTRAN MOBILITY INFORMATION CONFIRM
35		+it_Check_Periodic			

It_Check_Periodic					
36		START t_WaitS (60*60)			Step 13
37	TBF3	TM ? RLC_TR_DATA_IND	car_RRC_CellUpdate(tsc_CellB, tsc_RB0, cdr_CellUpdateAny (*, *))	(F)	step 13 check Cell update not received
38	TBP7	? TIMEOUT t_WaitS		(F)	@sit: 00 15/03/04 ER15 91 sic@
39		AM ! RLC_AM_DATA_REQ	cas_RRC_UtranMobilityInfo(tsc_CellDedicated, tsc_RB2, cds_UTRAN_MobilityInfoTimer (tvv_RRC_TI, tvv_CellIndInfo.d_IntegrityCheckInfo, OMIT, OMIT))		Step 14 . SS sends UTRAN MOBILITY INFORMATION message to Set1-30 5 to 5min
40		START t_WaitS			
41	TBF4	? TIMEOUT t_WaitS		(F)	
42	TBP8	AM ? RLC_AM_DATA_IND	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tvv_RRC_TI))	(P)	Step 15 . UE sends UTRAN MOBILITY INFORMATION CONFIRM message
43		+ts_SS_SwitchCellPowerLevels (tsc_CellA, tsc_CellB)			Step 16;
44	TBP9	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CellA, cdr_CellUpdateAny (tvv_CellInfoBuRNTI, cellReselection), (tsc_MaxCampingTime * 1000))			Step 17 . UE send CELL UPDATE message with " cell reselection" is included in IE "Cell update cause"
45		+ts_HO_ReconfFACH_ToFACH (tsc_CellB, tsc_CellA)			Change the DCCH/DTCCH mapping to CellA
46		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tvv_CellInfoBuRNTI, tvv_CellInfoA.cRNTI)			C-RNTI becomes obsolete upon cell reselection to a new cell URNTI must be used.
47		UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cds_CellUpdateCnfNewURNTI_DCCH (tvv_CellIndInfo.d_IntegrityCheckInfo, tvv_RRC_TI, tvv_CellInfoAuRNTI, tvv_CellInfoA.cRNTI, cell_FACH, OMIT, OMIT))		step 18;
48		+ts_RRC_Delay(30)			To make sure that cell update Cnf reaches UE before CMAC config
49		+ts_CMAC_NewU_RNTI_Reconf (tsc_CellA, tvv_CellInfoAuRNTI, tvv_CellInfoA.cRNTI)			SS reconfiguration
50		START t_WaitS			
51	TBF5	? TIMEOUT t_WaitS		(F)	

Change 11:

Local Tree and Test step

It_TestBody and It_Check_Periodic of tc_8_3_1_4

Reason for change

Sufficient 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

At Line #18 and #37 of tc_8_3_1_4, added a line 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:

It_TestBody					
15	TBP1	+ts_RRC_ReceiveCellUpdatePeriodic(tsc_Cella, cdr_CellUpdateAny (tcv_CellInfoAuRNTI, periodicCellUpdate),tsc_T305_Max, tsc_T305_Min)			Step 2. The UE transmit CELL UPDATE message with the IE "Cell update cause" set to "periodic cell update"
16		+ts_CMAC_New_RNTI_Reconf(TRUE, tsc_Cella, tcv_CellInfoAuRNTI, tsc_CRNTI_1)			SS has valid U-RNTI only, SS reconfiguration to use URNTI.
17		UM RLC_UM_DATA_REQ (tcv_CellInfoAcRNTI := tsc_CRNTI_1)	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH (tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_RRC_TI, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 3. SS sends CELL UPDATE CONFIRM including IEs "new C-RNTI", and IE "Status Indicator" set to "cell_FACH" Contains no new URNTI.
18		+ts_CMAC_New_RNTI_Reconf(FALSE, tsc_Cella, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)			SS has valid C-RNTI, SS reconfiguration to use CRNTI
19		START t_WaitS			
20	TBF1	? TIMEOUT t_WaitS		(F)	
21	TBP2	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(P)	UTRAN MOBILITY INFORMATION CONFIRM

It_Check_Periodic					
30		START t_WaitS (60*60)			Step 9
31	TBF3	TM ? RLC_TR_DATA_IND	car_RRC_CellUpdate(tsc_CellB, tsc_RB0, cdr_CellUpdateAny (*, *))	(F)	step 9 check Cell update not received
32	TBP5	? TIMEOUT t_WaitS		(P)	
33		+ts_SS_SwitchCellPowerLevels (tsc_Cella, tsc_CellB)			Step 10;
34	TBP6	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_Cella, cdr_CellUpdateAny (tcv_CellInfoAuRNTI, cellReselection),tsc_MaxCampingTime * 1000)			Step 11 . UE send CELL UPDATE message with " cell reselection" is included in IE "Cell update cause"
35		+ts_CMAC_New_RNTI_Reconf(TRUE, tsc_Cella, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)			SS has valid U-RNTI only, SS reconfiguration to use URNTI.
36		UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH (tcv_CellIndInfo.d_IntegrityCheckInfo, tcv_RRC_TI, OMIT, tcv_CellInfoAcRNTI, cell_FACH, OMIT, OMIT))		step 12; Contains no new URNTI.
37		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_Cella, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)			SS has valid C-RNTI, SS reconfiguration to use CRNTI.
38		START t_WaitS			
39	TBF4	? TIMEOUT t_WaitS		(F)	
40	TBP7	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(P)	UTRAN MOBILITY INFORMATION CONFIRM

After:

It_TestBody					
15	TBP1	+ts_RRC_ReceiveCellUpdatePeriodic(tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, periodicCellUpdate),tsc_T305_Max, tsc_T305_Min)			Step 2. The UE transmit CELL UPDATE message with the IE "Cell update cause" set to "periodic cell update"
16		+ts_CMAC_New_RNTI_Reconf(TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, tsc_CRNTI_1)			SS has valid U-RNTI only, SS reconfiguration to use URNTI.
17		UMI RLC_UM_DATA_REQ (tcv_CellInfoA.cRNTI => tsc_CRNTI_1)	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 3. SS sends CELL UPDATE CONFIRM including IEs "new C-RNTI", and IE "Status Indicator" set to "cell_FACH" Contains no new URNTI.
18		+ts_RRC_Delay(30)			To make sure that cell update Cnf reaches UE before CMAC config
19		+ts_CMAC_New_RNTI_Reconf(FALSE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			SS has valid C-RNTI, SS reconfiguration to use CRNTI
20		START t_WaitS			
21	TBF1	? TIMEOUT t_WaitS		(F)	
22	TBP2	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))	(P)	UTRAN MOBILITY INFORMATION CONFIRM

It_Check_Periodic					
31		START t_WaitS (60*60)			Step 9
32	TBF3	TM ? RLC_TR_DATA_IND	car_RRC_CellUpdate(tsc_CellB, tsc_RB0, cdr_CellUpdateAny (*, *))	(F)	step 9 check Cell update not received
33	TBP5	? TIMEOUT t_WaitS		(P)	
34		+ts_SS_SwitchCellPowerLevels (tsc_CellA, tsc_CellB)			Step 10;
35	TBP6	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, cellReselection), (tsc_MaxCampingTime * 1000))			Step 11. UE send CELL UPDATE message with " cell reselection" is included in IE "Cell update cause"
36		+ts_CMAC_New_RNTI_Reconf(TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			SS has valid U-RNTI only, SS reconfiguration to use URNTI.
37		UMI RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tcv_CellInfoA.cRNTI, cell_FACH, OMIT, OMIT))		step 12; Contains no new URNTI.
38		+ts_RRC_Delay(30)			To make sure that cell update Cnf reaches UE before CMAC config
39		+ts_CMAC_New_RNTI_Reconf(FALSE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			SS has valid C-RNTI, SS reconfiguration to use CRNTI.
40		START t_WaitS			
41	TBF4	? TIMEOUT t_WaitS		(F)	
42	TBP7	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))	(P)	UTRAN MOBILITY INFORMATION CONFIRM

Change 12:

Local Tree and Test step

It_TestBody of tc_8_3_1_5

Reason for change

Sufficient 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

At Line #19 of tc_8_3_1_5 , added a line 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:

16	TBP3	+ts_RRC_ReceiveCellUpdateNo nPeriodic (tsc_Cella, cdr_CellUpd ateAny (tvv_CellInfoA.uRNTI, upl inkDataTransmission), 64000)			Periodical timer 64000m s Step 6. IE "Cell update cause" set to "Uplink Da ta transmission"
17		+ts_CMACE_New_RNTI_Reconf(T RUE, tsc_Cella, tvv_CellInfoA.uRNT I, tvv_CellInfoA.cRNTI)			SS has valid U-RNTI only , SS reconfiguration to u se URNTI.
18		UMI RLC_UM_DATA_REQ (tvv_CellInfoA.cRNTI := tsc_CRNTI_1)	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH (tvv_CellIndInfo.d_IntegrityCheckInfo, tvv_RRC_Tl, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 7. @sic Jitendra CR# T1-301807 sic@
19		+ts_CMACE_New_RNTI_Reconf(FALSE, tsc_Cella, tvv_CellInfoA.uRNTI, tsc_CRNTI_1)			SS reconfiguration to us e CRNTI again. @sic Jitendra CR# T1-301807 sic@
20		+ts_SS_SetConfigRRC_RB3 (tsc_Cella)			SS reconfiguration
21		START L_Waits			
22	TBF1	? TIMEOUT t_Waits		(F)	
23	TBP4	AM ? RLC_AM_DATA_IND CA NCELL_t_Waits	car_RRC_UtranMobilityInfoC nf(tsc_CellDedicated, tsc_RB2, cr_Utran_MobilityInfoCnf(tvv_RRC_Tl))	(P)	UTRAN MOBILITY INFOR MATION CONFIRM
24	TBP5	AM ? RLC_AM_DATA_IND	car_RRC_InitDirectTransfer (tsc_CellDedicated, tsc_RB3_DCCH_RRC, cr_108_InitDirectTransfer (cs_domain, o_OctToBit(px_TMSI_Def), f))	(P)	step 8 : Response to paging me ssage in step 5a.
25		+ts_SS_RemoveConfigRRC _RB3(tsc_Cella)			@sic Jitendra CR# T1-301807 sic@

After:

16	TBP3	+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_Cella, cdr_CellUpdateAny (tvv_CellInfoAuRNTI, uplinkDataTransmission), 64000)			Periodical timer 64000ms Step 6. IE "Cell update cause" set to "Uplink Data transmission"
17		+ts_CMACE_New_RNTI_Reconf (TRUE, tsc_Cella, tvv_CellInfoAuRNTI, tvv_CellInfoAcRNTI)			SS has valid U-RNTI only, SS reconfiguration to use URNTI.
18		UM RLC_UM_DATA_REQ (tvv_CellInfoAcRNTI => tsc_CRNTI_1)	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH (tvv_CellInfo.d_IntegrityCheckInfo, tvv_RRC_Ti, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 7. @sic Jitendra CR# T1-301807 sic@
19		+ts_RRC_Delay(30)			To make sure that cell update Cnf reaches UE before CMAC config
20		+ts_CMACE_New_RNTI_Reconf (FALSE, tsc_Cella, tvv_CellInfoAuRNTI, tsc_CRNTI_1)			SS reconfiguration to use CRNTI again. @sic Jitendra CR# T1-301807 sic@
21		+ts_SS_SetConfigRRC_RB3 (tsc_Cella)			SS reconfiguration
22		START t_WaitS			
23	TBF1	? TIMEOUT t_WaitS		(F)	
24	TBP4	AM ? RLC_AM_DATA_IND CA NCEL t_WaitS	car_RRC_UtranMobilityInfoCnf (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tvv_RRC_Ti))	(P)	UTRAN MOBILITY INFORMATION CONFIRM
25	TBP5	AM ? RLC_AM_DATA_IND	car_RRC_InitDirectTransfer (tsc_CellDedicated, tsc_RB3_DCCH_RRC, cr_108_InitDirectTransfer (cs_domain, o_OctToBit (px_TMSI_Def), 7))	(P)	step 8 : Response to paging message in step 5a.
26		+ts_SS_RemoveConfigRRC_RB3 (tsc_Cella)			@sic Jitendra CR# T1-301807 sic@

Change 13:

Local Tree and Test step

It_TestBody of tc_8_3_1_6

Reason for change

Sufficient 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

At Line #19 of tc_8_3_1_6, added a line 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:

15		TM RLC_TR_DATA_REQ	cas_PagingType1 (tsc_CelIA, tsc_RB_PCCH, cs_PagingType1_UTRAN_TrigUL_DataTx (tcv_CellInfoAuRNTI))	Step 5a Sending a Paging Type1 with a matched Identifier and with originator UTRAN to trigger UL data transmission
16	TBP2	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CelIA, cdr_CellUpdateAny (tcv_CellInfoAuRNTI, uplinkDataTransmission), 64000)		Periodical timer 64000, Step 6. IE "Cell update cause" set to "Uplink Data transmission"
17		+ts_CMAC_New_RNTI_Reconf(TRUE, tsc_CelIA, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)		SS has valid U-RNTI only, SS [re]configuration to use URNTI.
18		UM RLC_UM_DATA_REQ (tcv_CellInfoAcRNTI => tsc_CRNTI_1)	cas_RRC_CellUpdateCnf(tsc_CelDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Tl, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))	Step 7. @sic Jitendra CR# T1-30 1809 sic@
19		+ts_CMAC_New_RNTI_Reconf(FALSE, tsc_CelIA, tcv_CellInfoAuRNTI, tsc_CRNTI_1)		SS reconfiguration to use CRNTI again. @sic Jitendra CR# T1-30 1809 sic@
20		+ ts_SS_SetConfigRRC_RB3 (tsc_CelIA)		SS reconfiguration
21		START t_WaitS		
22	TBF1	? TIMEOUT t_WaitS		(F)
23	TBP3	AM ? RLC_AM_DATA_IND CA NCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CelDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Tl))	UTRAN MOBILITY INFORMATION CONFIRM

After:

15		TM RLC_TR_DATA_REQ	cas_PagingType1 (tsc_CelIA, tsc_RB_PCCH, cs_PagingType1_UTRAN_TrigUL_DataTx (tcv_CellInfoAuRNTI))	Step 5a Sending a Paging Type1 with a matched Identifier and with originator UTRAN to trigger UL data transmission
16	TBP2	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CelIA, cdr_CellUpdateAny (tcv_CellInfoAuRNTI, uplinkDataTransmission), 64000)		Periodical timer 64000, Step 6. IE "Cell update cause" set to "Uplink Data transmission"
17		+ts_CMAC_New_RNTI_Reconf(TRUE, tsc_CelIA, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)		SS has valid U-RNTI only, SS [re]configuration to use URNTI.
18		UM RLC_UM_DATA_REQ (tcv_CellInfoAcRNTI => tsc_CRNTI_1)	cas_RRC_CellUpdateCnf(tsc_CelDedicated, tsc_RB1, cbs_CellUpdateCnfNewURNTI_DCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Tl, OMIT, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))	Step 7. @sic Jitendra CR# T1-30 1809 sic@
19		+ts_RRC_Delay(30)		To make sure that cell update Cnf reaches UE before CMAC config
20		+ts_CMAC_New_RNTI_Reconf(FALSE, tsc_CelIA, tcv_CellInfoAuRNTI, tsc_CRNTI_1)		SS reconfiguration to use CRNTI again. @sic Jitendra CR# T1-30 1809 sic@
21		+ ts_SS_SetConfigRRC_RB3 (tsc_CelIA)		SS reconfiguration
22		START t_WaitS		
23	TBF1	? TIMEOUT t_WaitS		(F)
24	TBP3	AM ? RLC_AM_DATA_IND CA NCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CelDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Tl))	UTRAN MOBILITY INFORMATION CONFIRM

Change 14:

Local Tree and Test step

It_TestBody of tc_8_3_1_11

Reason for change

Sufficient 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

At Line #17 of tc_8_3_1_11, added a line 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:

Line	Test Step	Code	Code	Description
12		(tcv_K=0)		Initial internal counter K to 0
13	TBP1	+ts_RRC_ReceiveCellUpdatePeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, periodicCellUpdate), tsc_T305_Max, tsc_T305_Min)		UE sends CELL UPDATE with "Cell update cause" set to "periodical Cell Update". with in T305 + 10 % as per 34.108 tot
14		(tcv_K = tcv_K+1)		increment the counter by 1
15		REPEAT It_Rcv_CellUpdate UNTIL [tcv_K > 3]		Step 2-4 . UE sends CELL UPDATE for N302 times set to 3
16		UMI RLC_UM_DATA_REQ (tcv_CellInfoA.uRNTI = c_U_RNTI, tcv_CellInfoA.cRNTI = tsc_CRNTI_Id2)	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cs_CellUpdateCnfGenericDCCCH (tcv_CellInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, c_U_RNTI, tsc_CRNTI_Id2, cell_FACH, OMIT, OMIT, OMIT, OMIT, OMIT, OMIT))	Step 5 . SS sends CELL UPDATE CONFIRM with IE: "new C-RNTI" @sic Jitendra CR# T1-301783 sic@
17		+ts_CMAC_NewU_RNTI_Reconf (tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)		SS reconfiguration
18	TBP2	AM ? RLC_AM_DATA_IND	car_RRC_UtranMobilityInfoC (P) nfi (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))	Step 6 .

After:

It_TestBody				
12		(tcv_K=0)		Initial internal counter K to 0
13	TBP1	+ts_RRC_ReceiveCellUpdatePeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoAuRNTI, periodicCellUpdate), tsc_T305_Max, tsc_T305_Min)		UE sends CELL UPDATE with "Cell update cause" set to "periodical Cell Update". with in T305 + 10 % as per 34.108 tol
14		(tcv_K = tcv_K+1)		increment the counter by 1
15		REPEAT It_Rcv_CellUpdate UNTIL [tcv_K > 3]		Step 2-4 . UE sends CELL UPDATE for N302 times set to 3
16		UM1RLC_UM_DATA_REQ (tcv_CellInfoAuRNTI = c_U_RNTI, tcv_CellInfoAcRNTI = tsc_CRNTI_Id2)	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cs_CellUpdateCnfGenericDCCCH (tcv_CellIndInfo_d1, IntegrityCheckInfo, tcv_RRC_Ti, c_U_RNTI, tsc_CRNTI_Id2, cell_FACH, OMIT, OMIT, OMIT, OMIT, OMIT, OMIT))	Step 5 . SS sends CELL UPDATE CONFIRM with IE "new C-RNTI" @sic Jitendra CR# T1-301783 sic@
17		+ts_RRC_Delay(30)		To make sure that cell update Cnf reaches UE before CMAC config
18		+ts_CMAC_NewU_RNTI_Reconf (tsc_CellA, tcv_CellInfoAuRNTI, tcv_CellInfoAcRNTI)		SS reconfiguration
19	TBP2	AM ? RLC_AM_DATA_IND	car_RRC_UtranMobilityInfoC (P) rnf (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))	Step 6 .

Change 15:

Local Tree and Test step It_TestBody of tc_8_3_1_31

Reason for change Sufficient 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 At Line #23 of tc_8_3_1_31 , added a line 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:

It_TestBody					
14		+It_SetQnwmin_AndSend			To set Min q-nlev in SIB3 and SIB4
15		(tcv_TmpAtt := tcv_CellInfoA.attenuationLevel)			Remember current attenuator settings
16		+ts_SetAttenuationLevel (tsc_CellA, 20)			Step 2. SS configures its downlink transmission power settings acc to T1 in Table 8.3.2.3 (-60 -20 = -80)
17		START t_WaitS(60)			Step 4 ; wait 60 secs after out of service
18	TBP2	? TIMEOUT t_WaitS		(P)	
19		+ts_SetAttenuationLevel (tsc_CellA, tcv_TmpAtt)			Step 4 SS configures its downlink transmission power settings acc to T0 in Table 8.3.2.3
20		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, reEnteredServiceArea), 15000)			Step 5 . UE sends CELL UPDATE message with the IE "Cell update cause" set to "re-entering service".
21		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			SS has valid U-RNTI only . SS reconfiguration to use U RNTI.
22		UM ? RLC_UM_DATA_REQ (tcv_CellInfoA.uRNTI := c_U_RNTI_5, tcv_CellInfoA.cRNTI := tsc_CRNTI_1)	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cds_CellUpdateCnfNewURN TI_DCCH_URAIid (tcv_CellInfoA.dl_IntegrityCheckInfo, tcv_RRC_Ti, c_U_RNTI_5, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 6; SS sends CELL UPDATE CONFIRM @sic Jitendra CR# T1-30 1909 sic@
23		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			SS has valid C-RNTI, SS reconfiguration to use C RNTI
24		AM ? RLC_AM_DATA_IND CAN CELL_WaitS	car_RRC_UtranMobilityInfoCnf (tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))	(P)	Step 7 . UE sends UTRAN MOBILITY INFORMATION CONFIRM message

After:

It_TestBody					
14		+It_SetQndevmin_AndSend			To set Min q-ndev in SIB3 and SIB4
15		(tcv_TmpAtt := tcv_CellInfoA.attenuationLevel)			Remember current attenuator settings
16		+ts_SetAttenuationLevel (tsc_CellA, 20)			Step 2. SS configures its downlink transmission power settings acc to T1 in Table 8.3.2.3 (-60 -20 = -80)
17		START t_WaitS(60)			Step 4 ; wait 60 secs after out of service
18	TBP2	? TIMEOUT t_WaitS		(P)	
19		+ts_SetAttenuationLevel (tsc_CellA, tcv_TmpAtt)			Step 4 SS configures its downlink transmission power settings acc to T0 in Table 8.3.2.3
20		+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, reEnteredServiceArea), 15000)			Step 5 . UE sends CELL UPDATE message with the IE "Cell update cause" set to "re-entering service".
21		+ts_CMAC_New_RNTI_Reconf(TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			SS has valid U-RNTI only . SS reconfiguration to use U RNTI.
22		UM ? RLC_UM_DATA_REQ (tcv_CellInfoA.uRNTI := c_U_RNTI_5, tcv_CellInfoA.cRNTI := tsc_CRNTI_1)	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cds_CellUpdateCnfNewURNTI_DCCH_URAIid (tcv_CellInfoA.d_IntegrityCheckInfo, tcv_RRC_Ti, c_U_RNTI_5, tsc_CRNTI_1, cell_FACH, OMIT, OMIT))		Step 6; SS sends CELL UPDATE CONFIRM @sic Jitendra CR#T1-30 1909 sic@
23		+ts_RRC_Delay(30)			
24		+ts_CMAC_New_RNTI_Reconf(FALSE, tsc_CellA, tcv_CellInfoA.uRNTI, tcv_CellInfoA.cRNTI)			SS has valid C-RNTI, SS reconfiguration to use C RNTI
25		AM ? RLC_AM_DATA_INDCANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))	(P)	Step 7 . UE sends UTRAN MOBILITY INFORMATION CONFIRM message

Change 16:

Test step ts_RRC_BringUE_ToCellFACH_DCH

Reason for change Sufficient 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 At Line #8 of test step ts_RRC_BringUE_ToCellFACH_DCH, added a line 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:

Test Step Id:	ts_RRC_BringUE_ToCellFACH_DCH (p_CellId : INTEGER)
Test Step Group Ref:	RRCM_Steps/
Objective:	To bring UE from Cell_PCH or URA_PCH to cell_FACH or cell_DCH.
Defaults:	RRC_Def1
Comments:	NOTE: Initial RAB configuration handled in this step are cell_FACH_PS , cell_DCH_Speech , cell_DCH_64kCS_RAB_SRB , cell_DCH_57_6kCS_RAB_SRB AND cell_DCH_64kPS_RAB_SRB Any SS configuration for DCH branch to be investigated

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ ts_SetTmpCellInfo (p_CellId)			
2		+ ts_CMAC_Pag1_CfgConnMode (p_CellId)			
3		TM RLC_TR_DATA_REQ	cas_PagingType1 (tsc_CellA, tsc_RB_PCCH, cs_RRC_PagingType1_U_RNTI (tcv_TmpCellInfo.uRNTI))		
4		+ ts_RRC_ReceiveCellUpdateNo nPeriodic (p_CellId, cbr_108_CellUpdate (tcv_TmpCellInfo.uRNTI , utr an_pagingResponse), 5000)			to Use U-RNTI in MAC header of S-CCPCH
5		+ ts_CMAC_New_RNTI_Reconf (TRUE, p_CellId, tcv_TmpCellInfo.uRNTI, tcv_TmpCellInfo.cRNTI)			
6		[tcv_TmpCellInfo.cellConfig = cell_FACH_PS]			
7		UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tcv_TmpCellInfo.cRNTI, cell_FACH, OMIT, OMIT, OMIT))		
8		+ ts_CMAC_New_RNTI_Reconf (FALSE, p_CellId, tcv_TmpCellInfo.uRNTI, tcv_TmpCellInfo.cRNTI)			to use C-RNTI in MAC header
9		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnfInd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))		
10		[(tcv_TmpCellInfo.cellConfig = cell_DCH_Speech) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kPS_RAB_SRB)]			
11		UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_TmpCellInfo.uRNTI, tcv_TmpCellInfo.cRNTI, cell_DCH, OMIT, OMIT, OMIT))		
12		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnfInd (tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))		

Detailed Comment:

After:

Test Step Id:	ts_RRC_BringUE_ToCellFACH_DCH (p_CellId : INTEGER)
Test Step Group Ref:	RRCM_Steps/
Objective:	To bring UE from Cell_PCH or URA_PCH to cell_FACH or cell_DCH.
Defaults:	RRC_Def1
Comments:	NOTE: initial RAB configuration handled in this step are cell_FACH_PS , cell_DCH_Speech , cell_DCH_64kCS_RAB_SRB , cell_DCH_57_6kCS_RAB_SRB AND cell_DCH_64kPS_RAB_SRB Any SS configuration for DCH branch to be investigated

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ ts_SetTmpCellInfo (p_CellId)			
2		+ ts_CMAC_Pag1_CfgConnMode (p_CellId)			
3		TM RLC_TR_DATA_REQ	cas_PagingType1 (tsc_CellId, tsc_RB_PCCH, cs_RRC_PagingType1_U_RNTI (tcv_TmpCellInfo.uRNTI))		
4		+ ts_RRC_ReceiveCellUpdateNonPeriodic (p_CellId, cbr_108_CellUpdate (tcv_TmpCellInfo.uRNTI , utran_pagingResponse) , 5000)			to Use U-RNTI in MAC header of S-CCPCH
5		+ ts_CMAC_New_RNTI_Reconf (TRUE, p_CellId, tcv_TmpCellInfo.uRNTI, tcv_TmpCellInfo.cRNTI)			
6		[tcv_TmpCellInfo.cellConfig = cell_FACH_PS]			
7		UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tcv_TmpCellInfo.cRNTI, cell_FACH, OMIT, OMIT, OMIT))		
8		+ ts_RRC_Delay(30)			To make sure that cell update Cnf reaches UE before CMAC config
9		+ ts_CMAC_New_RNTI_Reconf (FALSE, p_CellId, tcv_TmpCellInfo.uRNTI, tcv_TmpCellInfo.cRNTI)			to use C-RNTI in MAC header
10		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnfInd(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))		
11		[(tcv_TmpCellInfo.cellConfig = cell_DCH_Speech) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kPS_RAB_SRB)]			
12		UM RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_TmpCellInfo.uRNTI, tcv_TmpCellInfo.cRNTI, cell_DCH, OMIT, OMIT, OMIT))		
13		AM ? RLC_AM_DATA_IND	car_UTRAN_MobilityInfoCnfInd(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_Ti))		

Detailed Comment:

CR-Form-v7	
CHANGE REQUEST	
# TS 34.123-3 CR 320 # rev - #	Current version: 3.5.1 #

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

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

Title:	# Correction to RRC TC 8.3.1.3 on the contents of CELL UPDATE CONFIRM message		
Source:	# Anite		
Work item code:	# N/A	Date:	#
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:	# 1. TS 34.123-1 specifies contents of CELL UPDATE CONFIRM message at step 12 of TC 8.3.1.3, the IE S-RNTI shall be set to an arbitrary string different from '0000 0000 0000 0000 0001' and the IE new C-RNTI shall be set to '1010 1010 1010 1010'. The current TTCN implementation contains incorrect values for those IEs.
Summary of change:	# 1. Inserted a line # 28 to assign a different value for the S-RNTI and C-RNTI of CellB so that IEs S-RNTI and New C-RNTI will be set properly in CELL UPDATE CONFIRM message at step #12.
Consequences if not approved:	# Test case may PASS in a non-complaint UE.

Clauses affected:	#								
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								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
<input type="checkbox"/>	<input checked="" type="checkbox"/>								
Other comments:	#								

How to create CRs using this form:

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

- 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.

Localtree	It_TestBody of tc_8_3_1_3
Reason for change	TS 34.123-1 specifies contents of CELL UPDATE CONFIRM message at step 12 of TC 8.3.1.3, the IE S-RNTI shall be set to an arbitrary string different from '0000 0000 0000 0000 0001' and the IE new C-RNTI shall be set to '1010 1010 1010 1010'. The current TTCN implementation contains incorrect values for those IEs.
Summary of change	1. Inserted a line # 28 to assign a different value for the S-RNTI and C-RNTI of CellB so that IEs S-RNTI and New C-RNTI will be set properly in CELL UPDATE CONFIRM message at step #12.
Source of change	New change

Before:

9		+ts_SS_SwitchCellPowerLevels(tsc_CellA,tsc_CellB)			Step 10;
10	TBP5	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CellB, cdr_CellUpdateAny (tv_CellInfoAuRNTI, cellReselection),tsc_MaxCampingTime * 1000))			Step 11 . UE send CELL UPDATE message with " cell reselection" is included in IE "Cell update cause"
11		+ts_HO_ReconfFACH_ToFACH(tsc_CellA,tsc_CellB)			Change the DCCH/DCH mapping to CellB
12		+ts_CMAC_New_RNTI_Reconf(TRUE,tsc_CellB,tv_CellInfoAuRNTI,tv_CellInfoB.cRNTI)			C-RNTI becomes obsolete upon cell reselection to a new cell.URNTI must be used. @sic Jitendra CR# T1-03 1926 sic@
13		UMI RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated,tsc_RB1,cbis_CellUpdateCnfNewURNTI_DCCH(tv_CellInfoB.dl_IntegrityCheckInfo,tv_RRC_Ti,tv_CellInfoBuRNTI,tv_CellInfoB.cRNTI,cell_FACH,OMIT,OMIT))		step 12;
14		+ts_CMAC_NewU_RNTI_Reconf(tsc_CellB,tv_CellInfoB.uRNTI,tv_CellInfoB.cRNTI)			SS reconfiguration
15		START t_WaitS			
16	TBF2	? TIMEOUT t_WaitS		(F)	
16	TBP6	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoC(P)nf(tsc_CellDedicated,tsc_RB2,cr_UTRAN_MobilityInfoCnf(tv_RRC_Ti))		Step 12a UTRAN MOBILITY INFORMATION CONFIRM
17		+tl_Check_Periodic			

After:

24		+ts_SS_SwitchCellPowerLevels (tsc_CellA, tsc_CellB)			Step 10;
25	TBP5	+ts_RRC_ReceiveCellUpdateNonPeriodic(tsc_CellB, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, cellReselection), (tsc_MaxCampingTime * 1000))			Step 11 . UE send CELL UPDATE message with " cell reselection" is included in IE "Cell update cause"
26		+ts_HO_ReconfFACH_ToFACH_H0(tsc_CellA, tsc_CellB)			Change the DCCH/DTCH mapping to CellB
27		(tcv_CellInfoB.uRNTI != c_U_RNTI_1 , tcv_CellInfoB.cRNTI != tsc_CRNTI_1)			
28		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellB, tcv_CellInfoA.uRNTI, tcv_CellInfoB.cRNTI)			C-RNTI becomes obsolete upon cell reselection to a new cell. URNTI must be used. @sic Jitendra CR# T1-031926 sic@
29		UMI RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1 , cbs_CellUpdateCnfNewURNTI_DCCH(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_TI, tcv_CellInfoB.uRNTI , tcv_CellInfoB.cRNTI, cell_FACH , OMIT, OMIT))		step 12;
30		+ts_CMAC_NewU_RNTI_Reconf (tsc_CellB, tcv_CellInfoB.uRNTI, tcv_CellInfoB.cRNTI)			SS reconfiguration
31		START_L_WaitS			
32	TBF2	? TIMEOUT_L_WaitS		(F)	
33	TBP6	AM ? RLC_AM_DATA_IND CANCEL_L_WaitS	car_RRC_UtranMobilityInfoCnf(tsc_CellDedicated, tsc_RB2, cr_UTRAN_MobilityInfoCnf(tcv_RRC_TI))	(P)	Step 12a UTRAN MOBILITY INFORMATION CONFIRM
34		+tl_Check_Periodic			

CHANGE REQUEST

TS34.123-3 CR 358
rev
Current version: 3.4.0

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 Package 1 test case tc_8_1_1_1		
Source:	Anritsu Ltd		
Work item code:		Date:	20 February 2004
Category:	F	Release:	R99
	<i>Use one of the following categories:</i> F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)

Reason for change:	This CR corrects problems found in tc_8_1_1_1 during the iWD-TVB2003-03_D04wk04 regression testing. (1) The preamble did not bring the UE to the correct initial conditions (see T1-040063) in certain circumstances. (2) The UE identity in the RRC Connection Request at step 4 was not checked although it is specified in the prose.
Summary of change:	Apply the changes described below to RRC_wk04 in iWD-TVB2003-03_D04wk04.
Consequences if not approved:	(1) The test case can give a fail or inconclusive verdict for some conformant UEs. (2) The test case can give a pass verdict for some non-conformant UEs.

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

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

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

1 Modifications to iWD-TVB2003-03_D04wk04

1.1 Explanation of changes

Note: Line numbers in these explanations refer to the deltas in this document. They do not necessarily apply to either the original or modified TTCN.

1. In `ts_GMM_AttachReject_NMO_I_NoTMSI` the combined attach is rejected with cause 07 (GPRS not allowed), this provokes the UE to initiate a location update which is only allowed for in the auto-attach path. This location update is unnecessary as the UE is about to be switched off. The cause has therefore been changed to 08 (GPRS and non-GPRS not allowed) and the location update removed from the auto-attach path

This test step is used to remove the P-TMSI and TMSI in the preamble for the CS path of 8.1.1.1 for a UE supporting both CS and PS

`ts_GMM_AttachReject_NMO_I_NoTMSI` lines 7-12 and 29.

Note: `ts_GMM_AttachReject_NMO_I_NoTMSI` is also used in 12.4.2.1 and the changes here do not apply to that test case. Different test steps should be used in the RRC and NAS suites.

2. The branch in `ts_GMM_IdleUpdatedSpecial` for operation mode A, NMO-I, non-auto-attach was incomplete and has been completed by the addition of MMI commands to switch the UE on and the GMM attach procedure.

`ts_GMM_IdleUpdatedSpecial` lines 9 and 11-14.

3. The existing preamble used for the PS path for a UE with both PS and CS supported is unsuitable because it assigns a TMSI which is incorrect for this path. This has been replaced by a new test step.

`tc_8_1_1_8` lines 42-43 and `ts_GMM_IdleUpdated_NMO_I_NoTMSI`.

4. `ts_RRC_ConnEst_DCH_MT_IMSI_P_TMSI` has been modified to check that the correct UE identity is used in the RRC Connection Setup messages as specified in the prose.

`ts_RRC_ConnEst_DCH_MT_IMSI_P_TMSI` lines 7 and 13.

1.2 Detail of changes to tables

1.2.1 Modified Tables

Test Case	
Test Case Id:	tc_8_1_1_1
Test Group Reference:	RRC/RRC_Paging/
Purpose:	To confirm that the UE establishes an RRC connection after it receives a PAGING TYPE 1 message which includes IE "Paging Record" (UE identity) set to the IMSI of the UE.
Configuration:	
Defaults:	RRC_Def1

Comments:

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT=fdd]			FDD specific behaviour
3		+ It_RRC_InitVariables			
4		+ ts_SS_CreateCellDCH (tsc_CellA)			Configure lower tester
5		+ ts_SendDefSysInfo (tsc_CellA)			step 1
6		+ It_IdleUpdated			Idle Updated
7	TBS	(tcv_TestBody := TRUE)			
8		+ ts_SS_SetConfigRRC_R B3 (tsc_CellA)			
9		+ ts_RRC_ConnEst_DCH_ MT_IMSI_NoReact (tsc_CellA,			step 2 in prose; Send a Paging Type1 message with an incorrect IMSI
10		+ts_RRC_ConnEst_ DCH_MT_IMSI_P_TMSI (tsc_CellA,			step 3-6 in prose; Send a Paging Type1 with a correct IMSI and
11		[tcv_CN_Domain = cs_domain]	CR page 4		
1		(Calculation of Routing

		o_RoutingParameterIMSI ResponsePaging (px_IMSI_Def)			step 7 Reference: TS 25.331
1 3	TBP1	AM ? RLC_AM_DATA_IND	car_RRC_InitDirectTransfer (tsc_CellDedicated , tsc_RB3_DCCH_RRC, cr_InitDirectTransferGSM_Map RoutingIMSI (tcv_RoutingParameterIMSIresponsePaging))	(P)	step 7 CN node set to GSM-MAP, routing basis set to IMSI (as for paging)
1 4		+ ts_SS_RemoveConfigRRC_RB3 (tsc_CellA)			
1 5	TBE1	(tcv_TestBody := FALSE)			
1 6		+ po_ConnectionAndSS_Rel (tsc_CellA)			Release the RRC Connection
1 7		[tcv_CN_Domain = ps_domain]			
1 8	TBP2	AM ? RLC_AM_DATA_IND	car_RRC_InitDirectTransfer (tsc_CellDedicated , tsc_RB3_DCCH_RRC, cr_108_InitDirectTransfer (tcv_CN_Domain, o_OctToBit (px_PTMSI_Def, *)))	(P)	step 7 CN node set to GSM-MAP, routing basis set to IMSI (as for paging)
1 9		+ ts_SS_RemoveConfigRRC_RB3 (tsc_CellA)			
2 0	TBE2	(tcv_TestBody := FALSE)			
2 1		+ po_ConnectionAndSS_Rel (tsc_CellA)			Release the RRC Connection

2	ERR1	[px_RAT=tdd]		I	TDD specific behaviour
2					
2	ERR2	[TRUE]		I	
3					
It_RRC_InitVariables					
2	+ ts_RRC_InitVariables (
4	cell_DCH)				
2	[tcv_CN_Domain =				
5	ps_domain]				
2	(tcv_RRC_PagingCau :=				terminatingHighPrioritySi
6	terminatingInteractiveCall,				gnalling
	tcv_RRC_EstCauMT :=				
	terminatingInteractiveCall)				
2	[TRUE]				
7					
It_ConnectionAndSS_Rel					
2	[tcv_CN_Domain =				
8	ps_domain]				
2	+ ts_RRC_ConnRel (
9	tsc_CellA , cell_Dch)				
3	TM?RLC_TR_DATA_IND	car_RRC_ConnReq (tsc_CellA,			additional ConnRel if UE
0	(tcv_InitialUE_Id :=	tsc_RB0, cbr_108_RRC_ConnReq (tcv_RRC_EstCauMT)			is in PS_Domain
	RLC_TR_DATA_IND.tm_mes)			
	sage.uL_CCCH_Message.me				
	ssage.rrcConnectionRequest.				
	initialUE_Identity)				
3	UM!RLC_UM_DATA_REQ	cas_RRC_ConnRej (
1		tsc_CellA,			
		tsc_RB0,			
		cs_108_RRC_ConnRej (
		tcv_InitialUE_Id, tcv_RRC_Ti,			
		unspecified,			
		0			
)			
)			
3	+				Release the RRC

2		po_ConnectionAndSS_Rel (tsc_CellA)			Connection
3		[TRUE]			
3					
3		+ po_ConnectionAndSS_Rel (tsc_CellA)			Release the RRC Connection
4					
lt_IdleUpdated					
3		[(tcv_CN_Domain = cs_domain) AND pc_PS]			
5					
3		+ ts_GMM_AttachReject_NMO_I_NoTMSI (tsc_CellA)			
6					
3		+ ts_MMI_UE_SwitchOff			
7					
3		+ ts_GMM_IdleUpdatedSpecial (tsc_CellA, tsc_StartIIMSI)			
8					
3		[(tcv_CN_Domain = cs_domain) AND NOT pc_PS]			
9					
4		+ts_MM_IdleUpdatedSpecial (tsc_CellA, tsc_StartIIMSI)			
0					
4		[(tcv_CN_Domain = ps_domain) AND pc_CS]			
1					
4		+ts_GMM_IdleUpdated (tsc_CellA)			+ts_GMM_IdleUpdated_NMO_I_NoTMSI
2					
4		<u>+ts_GMM_IdleUpdated_NMO_I_NoTMSI (tsc_CellA)</u>			<u>+ts_GMM_IdleUpdated_NMO_I_NoTMSI</u>
3					
4		[(tcv_CN_Domain = ps_domain) AND NOT pc_CS]			
4					
4		+ts_GMM_IdleUpdated (tsc_CellA)			
5					

Detailed

Comment	
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Test Step					
Test Step Id: ts_GMM_AttachReject_NMO_I_NoTMSI (p_CellId : INTEGER)					
Test Step Group Ref: RRC_General/					
Objective: Execute CS registration (but do not assign TMSI) and reject PS registration in NMO_I @SIC OLAF CR T1-031930 SIC@ This test step has been copied and adapted from ts_GMM_AttachReject (which assigns TMSI)					
Defaults: NAS_OtherwiseFail					
Comments: Initial conditions: - Cell referenced by p_CellId is configured - UE is switched off Procedure: - UE is forced to perform an Attach procedure - SS rejects the attach request from the UE which forces the UE to invalidate its USIM. - Finally, the UE is switched off. @sic R&S T1-031835 and Anite T1-03xtc2 sic@					
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ts_SetTmpCellInfo (p_CellId)			
2		+It_AttachReject_NMO_I			
It_AttachReject_NMO_I					
3		+ ts_MMI_UE_SwitchOn			
4		+ts_RRC_ConnEst (p_CellId,			Establish RRC
5		[pc_AutomaticAttachSwitchON = TRUE]	CR page 8		Perform combined

					CS/PS procedure
6		+lt_AttachRequest			ATTACH REQUEST
7		Dc!RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachRej('07'0 '08'0))		ATTACH REJECT cause='GPRS and non-GPRS services not allowed'
8		-Dc?RRC_DataInd (tev_Start := RRC_DataInd.start)	ear_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, eb_LocUpdReqAny(?))		Any Location Update request
9		—+ts_SS_SecurityDownloadStart(es_domain, tev_Start)			
10		—+ts_MM_Authentication(p_CellId)			Authentication
11		+ts_RRC_Security (p_CellId, tev_AuthCK, tev_AuthIK, tev_AuthKeGSM, TRUE, es_domain)			
12		—Dc!RRC_DataReq	ea_DataReq(tsc_CellDedicated, tsc_RB3, e_LocUpdAcpIMSI(tev_TmpCellInfo.mcc, tev_TmpCellInfo.mnc, tev_TmpCellInfo.lac))		Location Updating Accept (no-TMSI assigned)
13		-+ts_RRC_ConnRel(p_CellId, cell_Dch)			Release RRC connection
14		-(tev_PS_KeySeq := '111'B)			Invalidate ciphering key sequence

					number
15		[pc_AutomaticAttachSwitchON = FALSE]			First perform Location Update procedure, and then trigger UE via AT command to perform GPRS Attach
16		Dc?RRC_DataInd (tcv_Start := RRC_DataInd.start)	ca_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cb_LocUpdReqAny (??))		Any Location Update request
17		+ts_SS_SecurityDownloadStart (cs_domain, tcv_Start)			
18		+ts_MM_Authentication (p_CellId)			Authentication
19		+ts_RRC_Security (p_CellId, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM, TRUE, cs_domain)			
20		Dc!RRC_DataReq	ca_DataReq (tsc_CellDedicated, tsc_RB3, c_LocUpdAcplMSI (tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac))		Location Updating Accept (no TMSI assigned)
21		+ts_RRC_ConnRel (p_CellId, cell_Dch)			Release RRC connection
22		START t_WaitS (1)			Wait 1 s to allow UE to relax
23		?TIMEOUT t_WaitS			

24		START t_WaitS (60)			
25		+ts_AT_TriggerGMM_Attach			trigger UE to initiate GMM Attach after allowing the UE to decode Sys Infos
26		+ts_RRC_ConnEst (p_CellId, est_Reg, registration)			Establish RRC connection
27		Dc ? RRC_DataInd (tcv_TmpAttachReqPDU := RRC_DataInd.msg, tcv_TmpB3:= tcv_TmpAttachReqPDU.attachType.type, tcv_Start := RRC_DataInd.start)CANCEL t_WaitS	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_lv, c_RAI_Any_v, ?))		ATTACH REQUEST - Extract Attach type requested
28		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)			
29		Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachRej('07'0 '08'0))		ATTACH REJECT cause="GPRS and non GPRS services not allowed"
30		+ts_RRC_ConnRel (p_CellId, cell_Dch)			Release RRC connection
31		(tcv_PS_KeySeq := '111'B)			Invalidate ciphering key sequence number
32		? TIMEOUT t_WaitS		F	IF UE doesnt respond to Attach

					triggered Fail the UE.
lt_AttachRequest					
33		Dc ? RRC_DataInd (tcv_TmpAttachReqPDU := RRC_DataInd.msg, tcv_TmpB3:= tcv_TmpAttachReqPDU.attachType.type, tcv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_lv, c_RAI_Any_v, ?))		ATTACH REQUEST - Extract Attach type requested
34		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)			
35		[tcv_TmpB3 = '011'B]			Set global variable according to the type of attach requested by UE
36		(tcv_UE_OpMode := opModeA)			
37		[TRUE]			
38		(tcv_UE_OpMode := opModeC)			
Detailed Comment					

Test Step	
Test Step Id:	ts_GMM_IdleUpdatedSpecial (p_CellId : INTEGER; p_Caseld : INTEGER)

- Cell referenced by p_CellId is configured and sending SysInfos on BCCH
 - UE is switched off with a USIM inserted

Input paramters:

- p_CellId referencing the Cell
- p_Caseld the special case to be executed

[p_Caseld = tsc_StartRej] : execute location update reject / attach reject procedures with cause LA not allowed, resulting in a deletion of stored USIM paramters (LAI, RAI, TMSI, P-TMSI, CKSN etc) except that LAI and RAI are stored in the list of forbidden LAs and RAs.

[p_Caseld = tsc_StartIMSI] :execute IMSI attach (but do not assign TMIS, P-TMSI, etc)

[p_Caseld = tsc_StartPLMN_No]: execute location update reject / attach reject procedures with cause 'PLMN not allowed'

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ts_SetTmpCellInfo (p_CellId)			
2		[(tcv_UE_OpMode = opModeA) AND			If UE is in operation
3		[pc_AutomaticAttachSwitchON]			ATTACH
4		+ ts_MMI_UE_SwitchOn			
5		+ts_RRC_ConnEst (Establish RRC
6		+lt_AttachRequest			ATTACH

					procedure)
7		+lt_GMMIdleUpdatedSpecial (p_Caseld)			
8		[NOT pc_AutomaticAttachSwitchON]			ATTACH REQUEST was NOT yet received and the UE does not automatically attach at switch on
9		+ ts_MMI_UE_SwitchOn			
10		-+ts_MMIdleUpdatedSpecial_NMO_I (p_CellId, p_Caseld)			
11		+ts_AT_TriggerGMM_Attach			
12		+ts_RRC_ConnEst(p_CellId, est_Reg, registration)			Establish RRC connection
13		+lt_AttachRequest			ATTACH REQUEST sent by the UE (for PS attach or CS/PS combined procedure)
14		+lt_GMMIdleUpdatedSpecial (p_Caseld)			
15		[(tcv_UE_OpMode = opModeA) AND (tcv_TmpCellInfo.nmo = tsc_NMO_II)]			If UE is in operation mode A and network mode of operation is II, then run first CS Idle Updated procedures, and then GMM procedure (for PS only attach).
16		+ts_ClassA_NMO_II_IdleUpdateSpecial (p_CellId, p_Caseld)			

17		[tcv_UE_OpMode = opModeC]			If UE is in operation mode C, then run GMM procedure (for PS only attach).
18		+ts_MMI_UE_SwitchOnTriggerGMM_Attach			
19		+ts_RRC_ConnEst (p_CellId, est_Reg, registration)			Establish RRC connection
20		+lt_AttachRequest			ATTACH REQUEST sent by the UE (for PS attach or CS/PS combined procedure)
21		+lt_GMMIdleUpdatedSpecial (p_Caseld)			
22	ERR	[TRUE]		I	Programming error
lt_GMMIdleUpdatedSpecial (p_Caseld : INTEGER)					
23		[p_Caseld = tsc_StartRej]			execute location update reject / Attach reject procedures resulting in a deletion of stored USIM paramters (LAI, RAI, TMSI, P-TMSI, CKSN etc) except that LAI and RAI are stored in the list of forbidden LAs and RAs.
24		Dc! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachRej (tsc_RejCauLA_Not)		ATTACH REJECT - GMM cause 'Location Area Not Allowed' 3GPP 24.008/10.5.5.14.

)		
25		+ts_RRC_ConnRel (p_CellId, cell_Dch)		RRC connection release
26		[p_CasId = tsc_StartIMSI]		execute IMSI attach (but do not assign TMIS, P-TMIS, etc)
27		+ts_GMM_Authentication (p_CellId)		AUTHENTICATION AND CIPHERING REQUEST AUTHENTICATION AND CIPHERING RESPONSE
28		+It_SecurityMode		SECURITY MODE COMMAND SECURITY MODE COMPLETE
29		+It_AttachAcceptNoPTMSI		ATTACH ACCEPT ATTACH COMPLETE
30		+ts_RRC_ConnRel (p_CellId, cell_Dch)		RRC connection release
31		[p_CasId = tsc_StartPLMN_Not]		
32		Dc! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachRej (tsc_RejCauPLMN_Not))	ATTACH REJECT - GMM cause 'PLMN not allowed' 3GPP 24.008/10.5.5.14.
33		+It_RRC_ConnRel		RRC connection release
34		[p_CasId = tsc_StartE_PLMN]		the test case variable tcv_E_PLMN shall be assigned before calling this step
35		+ts_GMM_Authentication (p_CellId)		AUTHENTICATION AND CIPHERING

				REQUEST AUTHENTICATION AND CIPHERING RESPONSE
36		+ It_SecurityMode		SECURITY MODE COMMAND SECURITY MODE COMPLETE
37		+It_AttachAcceptE_PLMN		ATTACH ACCEPT including the equivalent PLMN list IE ATTACH COMPLETE
38		+It_RRC_ConnRel		RRC connection release
39		[TRUE]		p_CaselD does not match any special case (programming error)
It_AttachRequest				
40		Dc ? RRC_DataInd (tcv_TmpAttachReqPDU := RRC_DataInd.msg, tcv_TmpB3:= tcv_TmpAttachReqPDU.attachType.type, tcv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_lv, c_RAI_Any_v, ?))	ATTACH REQUEST - Extract Attach type requested @sic T1-031835 and T1-03xtc2 sic@
41		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)		
42		[tcv_TmpB3 = '011'B]		Set global variable according to the type of attach requested by UE
43		(tcv_UE_OpMode := opModeA)		
44		[TRUE]		

45	(tcv_UE_OpMode := opModeC)			
It_SecurityMode				
46	+ ts_RRC_Security (p_CellId, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, TRUE, ps_domain)			SECURITY MODE COMMAND SECURITY MODE COMPLETE
It_AttachAcceptNoPTMSI				
47	[tcv_UE_OpMode = opModeC]			
48	(tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)			Use default values
49	Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachAcc (c_GMM_AttachResult (001'B), c_RAI_v (tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac), c_PTMSI_Signature (tcv_Assigned_PTMSI_Sig), , c_GMM_MobileIdIMSI))		ATTACH ACCEPT for PS only - Attach result 'GPRS attached' - RAI corresponding to cell - P-TMSI-1 signature - omit P-TMSI - use IMSI
50	[tcv_UE_OpMode = opModeA]			
51	(tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)			Use default values
52	Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachAcc (c_GMM_AttachResult (011'B), c_RAI_v (ATTACH ACCEPT for combined CS/PS - Attach result 'GPRS/IMSI'

			tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac), c_PTMSI_Signature (tcv_Assigned_PTMSI_Sig), -, c_GMM_MobileIdIMSI))		attached' - RAI corresponding to cell - P-TMSI signature - no P-TMSI - use IMSI
lt_AttachAcceptE_PLMN					
53		[tcv_UE_OpMode = opModeC]			
54		(tcv_AssignedPTMSI := px_PTMSI_Def, tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)			Use default values
55		Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachAccE_PLMN (c_GMM_AttachResult ('001'B), c_RAI_v (tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac), c_PTMSI_Signature (tcv_Assigned_PTMSI_Sig), c_MobileIdPTMSI (tcv_AssignedPTMSI), -, tcv_E_PLMN))		ATTACH ACCEPT for PS only - Attach result 'GPRS attached' - RAI default (RAI- 1) - P-TMSI-1 signature - MobileId P-TMSI- 1 - omit TMSI - equivalent PLMN list
56		Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)		ATTACH COMPLETE
57		[tcv_UE_OpMode = opModeA]			
58		(tcv_AssignedTMSI :=px_TMSI_Def, tcv_AssignedPTMSI :=px_PTMSI_Def,			Use default values

		tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)			
59		Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachAccE_PLMN (c_GMM_AttachResult ('011'B), c_RAI_v (tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac), c_PTMSI_Signature (tcv_Assigned_PTMSI_Sig), c_MobileIdPTMSI (tcv_AssignedPTMSI), c_GMM_MobileIdTMSI (tcv_AssignedTMSI), tcv_E_PLMN))		ATTACH ACCEPT for combined CS/PS - Attach result 'GPRS/IMS attached' - RAI default - P-TMSI signature - MobileId P-TMSI - default TMSI - equivalent PLMN list
60		Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachComplete)		ATTACH COMPLETE
lt_RRC_ConnRel					
61		[(tcv_TmpCellInfo.cellConfig = cell_FACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH)]			
62		+ ts_RRC_ConnRel (p_CellId, cell_Fach_Dch)			

63	[tcv_TmpCellInfo.cellConfig <> cell_FACH]			
64	+ ts_RRC_ConnRel (p_CellId, cell_Dch)			

Detailed Comment	
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Test Step

Test Step Id:	ts_RRC_ConnEst_DCH_MT_IMSI_P_TMSI (p_CellId: INTEGER; p_PagCause: PagingCause; p_EstCause: EstablishmentCause)
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Test Step Group Ref:	RRC_Specific/
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Objective:	To bring the the UE into CELL_DCH state with a MT call with Paging Type IMSI or P-TMSI
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Defaults:	RRC_DefConnEst
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Comments:	
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Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ts_SS_PrepareCellRRC_ConnEst (p_CellId)			
2		+ ts_SetTmpCellInfo (p_CellId)			
3		+ts_RRC_Delay (tsc_WaitBeforePaging)			Give delay before paging type1
			CR page 21		
4		+ts_CMAC_Pag1_Cfg (p_CellId)			To configure paging on

			o_ConvertIMSI (px_IMSI_Def), tcv_CN_Domain))		
7	TS P	TM?RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_ CCCH_Message.message.rrcConnecti onRequest.initialUE_Identity)	car_RRC_ConnReq (p_CellId, tsc_RB0, ebr_108_RRC_ConnReq <u>tsc_RB0,cr_RRC_ConnRe</u> <u>qChk (</u> p_EstCause <u>c_UE_IdDefIMSI ,</u> <u>p_EstCause, noError</u> <u>))</u>	(P)	UE response RRC Connection Request
8		UM!RLC_UM_DATA_REQ	cas_RRC_ConnSetup (p_CellId, tsc_RB0, cbs_108_RRC_ConnSetu pDCH (tcv_InitialUE_Id, tcv_RRC_Ti, tcv_TmpCellInfo.priScrmC ode , tcv_TmpCellInfo.uRNTI , tcv_TmpCellInfo.uL_Scra mblingCode))		SS send RRC Connection Set up message
9		+ts_RRC_ReceiveConnSetupCmpl (p_CellId)			
10		+ ts_SetCellCfg (p_CellId, cell_DCH_StandAloneSRB)			1.
11		[tcv_CN_Domain = ps_domain]			
12		TM!RLC_TR_DATA_REQ	cas_PagingType1 (p_CellId, tsc_RB_PCCH,		

			<pre> cs_RRC_PagingType1_P TMSI (p_PagCause, o_ConvertPTMSI (px_PTMSI_Def), tcv_CN_Domain)) </pre>		
13	<pre> TM ? RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_C CCH_Message.message.rrcConnection Request.initialUE_Identity) </pre>	<pre> car_RRC_ConnReq (p_CellId, tsc_RB0, ebr_108_RRC_ConnReq tsc_RB0,cr_RRC_ConnR eqChk (p_EstCause c_UE_IdDefP_TMSI , p_EstCause, noError)) </pre>			
14	<pre> UM!RLC_UM_DATA_REQ </pre>	<pre> cas_RRC_ConnSetup (p_CellId, tsc_RB0, cbs_108_RRC_ConnSetu pDCH (tcv_InitialUE_Id, tcv_RRC_Ti, tcv_TmpCellInfo.priScrmC ode , tcv_TmpCellInfo.uRNTI , tcv_TmpCellInfo.uL_Scra mblingCode)) </pre>			
15	<pre> +ts_RRC_ReceiveConnSetupCmpl (p_CellId) </pre>				
16	<pre> + ts_SetCellCfg (p_CellId, cell_DCH_StandAloneSRB) </pre>			1.	
Detailed					

Comment:	
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1.2.2 New Tables

Test Step					
Test Step Id:	<u>ts_GMM_IdleUpdated_NMO_I_NoTMSI (p_CellId : INTEGER)</u>				
Test Step Group Ref:					
Objective:	<u>Turn on UE and register for PS or combined PS/CS services.</u>				
Defaults:	<u>NAS_OtherwiseFail</u>				
Comments:	<p><u>Initial conditions:</u></p> <ul style="list-style-type: none"> - <u>Cell referenced by p_CellId is configured and sending SysInfos on BCCH</u> - <u>UE is switched off with a valid Test USIM inserted</u> <p><u>Input paramters:</u></p> <ul style="list-style-type: none"> - <u>p_CellId referencing the Cell</u> <p><u>Global paramters used:</u></p> <ul style="list-style-type: none"> - <u>The SS will use global authentication paramters and keys which are generated in test Step</u> <p><u>ts_GMM_Authentication:</u></p> <p><u>tcv_AuthRAND, tcv_KeySeq, tcv_AuthAUTN, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM.</u></p> <ul style="list-style-type: none"> - <u>The SS will assign to the UE default values for P-TMSI, P-TMSI signature and</u> <u>(in case of combined PS/IMSI attach) TMSI.</u> 				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
<u>1</u>		<u>+ts_SetTmpCellInfo (p_CellId)</u>			
<u>2</u>		<u>+ ts_MMI_UE_SwitchOn</u>			
<u>3</u>		<u>+ts_RRC_ConnEst(</u>			<u>Establish RRC</u>
<u>4</u>		<u>[pc_AutomaticAttachSwitchON =</u>			<u>Perform combined</u>
<u>5</u>		<u>+It_AttachRequest</u>			<u>ATTACH</u>

				<u>REQUEST</u>
<u>6</u>		<u>+ts_GMM_Authentication (p_CellId)</u>		<u>AUTHENTICATION AND CIPHERING REQUEST</u> <u>AUTHENTICATION AND CIPHERING RESPONSE</u>
<u>7</u>		<u>+lt_SecurityMode</u>		<u>SECURITY MODE COMMAND</u> <u>SECURITY MODE COMPLETE</u>
<u>8</u>		<u>+lt_AttachAccept</u>		<u>ATTACH ACCEPT</u> <u>ATTACH COMPLETE</u>
<u>9</u>		<u>+lt_RRC_ConnRel</u>		<u>RRC connection release</u>
<u>10</u>		<u>[pc_AutomaticAttachSwitchON = FALSE]</u>		<u>First perform Location Update procedure, and then trigger UE via AT command to perform GPRS Attach</u>
<u>11</u>		<u>Dc?RRC_DataInd (tcv_Start := RRC_DataInd.start)</u>	<u>car_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cb_LocUpdReqAny(?))</u>	<u>Any Location Update request</u>
<u>12</u>		<u>+ ts_SS_SecurityDownloadStart (cs_domain, tcv_Start)</u>		
<u>13</u>		<u>+ts_MM_Authentication(p_CellId)</u>		<u>Authentication</u>
<u>14</u>		<u>+ts_RRC_Security (p_CellId, tcv_AuthCK, tcv_AuthIK, tcv_AuthKcGSM, TRUE,</u>		

		<u>cs_domain)</u>		
<u>15</u>		<u>DclRRC_DataReq</u>	<u>ca_DataReq(</u> <u>tsc_CellDedicated,</u> <u>tsc_RB3,</u> <u>c_LocUpdAcplMSI(</u> <u>tcv_TmpCellInfo.mcc,</u> <u>tcv_TmpCellInfo.mnc,</u> <u>tcv_TmpCellInfo.lac))</u>	<u>Location Updating</u> <u>Accept</u>
<u>16</u>		<u>+ts_NAS_Delay(1000)</u>		
<u>17</u>		<u>+lt_RRC_ConnRel</u>		<u>Release RRC</u> <u>connection</u>
<u>18</u>		<u>START t_WaitS (1)</u>		<u>Wait 1 s to allow</u> <u>UE to relax</u>
<u>19</u>		<u>?TIMEOUT t_WaitS</u>		
<u>20</u>		<u>START t_WaitS (60)</u>		
<u>21</u>		<u>+ts_AT_TriggerGMM_Attach</u>		<u>trigger UE to initiate</u> <u>GMM Attach after</u> <u>allowing the UE to</u> <u>decode Sys Infos</u>
<u>22</u>		<u>+ts_RRC_ConnEst(</u> <u>p_CellId,</u> <u>est_Reg,</u> <u>registration)</u>		<u>Establish RRC</u> <u>connection</u>
<u>23</u>		<u>Dc ? RRC_DataInd (</u> <u>tcv_TmpAttachReqPDU :=</u> <u>RRC_DataInd.msg,</u> <u>tcv_TmpB3:=</u> <u>tcv_TmpAttachReqPDU.attachType.type,</u> <u>tcv_Start := RRC_DataInd.start</u> <u>)CANCEL t_WaitS</u>	<u>car_PS_InitDirectTransfer</u> <u>(tsc_CellDedicated, tsc_RB3,</u> <u>cr_AttachReq (</u> <u>c_AttachTypeAny,</u> <u>c_MobileIdAny_lv, c_RAI_Any_v,</u> <u>?)</u>	<u>ATTACH</u> <u>REQUEST</u> <u>- Extract Attach</u> <u>type requested</u>
<u>24</u>		<u>+</u> <u>ts_SS_SecurityDownloadStart (</u> <u>ps_domain, tcv_Start)</u>		
<u>25</u>		<u>+ts_GMM_Authentication (</u> <u>p_CellId)</u>		<u>AUTHENTICATION</u> <u>AND CIPHERING</u>

					REQUEST AUTHENTICATION AND CIPHERING RESPONSE
26		<u>+lt_SecurityMode</u>			SECURITY MODE COMMAND SECURITY MODE COMPLETE
27		<u>+lt_AttachAccept</u>			ATTACH ACCEPT ATTACH COMPLETE
28		<u>+lt_RRC_ConnRel</u>			RRC connection release
29		? <u>TIMEOUT t_WaitS</u>		F	IF UE doesnt respond to Attach triggered Fail the UE.
<u>lt_HandleAttachRequest</u>					
30		<u>(tcv_GMM_AttachExpect := FALSE)</u>			Disable NAS default handler for ATTACH REQUEST
31		<u>[tcv_GMM_AttachRec = TRUE]</u>			ATTACH REQUEST was received and handled by NAS default handler
32		<u>[NOT pc_AutomaticAttachSwitchON]</u>			ATTACH REQUEST was NOT yet received and the UE does not automatically attach at switch on
33		<u>+lt_RRC_ConnRel</u>			RRC connection release
34		<u>START t_WaitS (1)</u>			Wait 1 s to allow

					<u>UE to relax</u>
<u>35</u>		<u>?TIMEOUT t_WaitS</u>			
<u>36</u>		<u>START t_WaitS (60)</u>			
<u>37</u>		<u>+ts_AT_TriggerGMM_Attach</u>			<u>Trigger UE to initiate GMM Attach after allowing the UE to decode Sys Infos</u>
<u>38</u>		<u>+ts_RRC_ConnEst(</u> <u>p_CellId,</u> <u>est_Reg,</u> <u>registration)</u>			<u>Establish RRC connection</u>
<u>39</u>		<u>Dc ? RRC_DataInd (</u> <u>tcv_TmpAttachReqPDU :=</u> <u>RRC_DataInd.msg,</u> <u>tcv_TmpB3:=</u> <u>tcv_TmpAttachReqPDU.attachType.type,</u> <u>tcv_Start := RRC_DataInd.start</u> <u>)CANCEL t_WaitS</u>	<u>car_PS_InitDirectTransfer</u> <u>(tsc_CellDedicated, tsc_RB3,</u> <u>cr_AttachReq (</u> <u>c_AttachTypeAny,</u> <u>c_MobileIdAny_lv, c_RAI_Any_v,</u> <u>?)</u>		<u>ATTACH REQUEST</u> <u>- Extract Attach type requested</u>
<u>40</u>		<u>+ ts_SS_SecurityDownloadStart (</u> <u>ps_domain, tcv_Start)</u>			
<u>41</u>		<u>? TIMEOUT t_WaitS</u>		<u>F</u>	
<u>42</u>		<u>[TRUE]</u>			<u>The UE did not send ATTACH REQUEST but it should since it shall automaticall switch attach at switch on</u>
<u>43</u>		<u>START t_WaitS (5)</u>			
<u>44</u>		<u>Dc ? RRC_DataInd (</u> <u>tcv_TmpAttachReqPDU :=</u> <u>RRC_DataInd.msg,</u> <u>tcv_TmpB3:=</u> <u>tcv_TmpAttachReqPDU.attachType.type,</u> <u>tcv_Start := RRC_DataInd.start</u>	<u>car_PS_InitDirectTransfer</u> <u>(tsc_CellDedicated, tsc_RB3,</u> <u>cr_AttachReq (</u> <u>c_AttachTypeAny,</u> <u>c_MobileIdAny_lv, c_RAI_Any_v,</u> <u>?)</u>		<u>ATTACH REQUEST</u> <u>- Extract Attach type requested</u>

		<u>)CANCEL t_WaitS</u>			
45		<u>+ ts_SS_SecurityDownloadStart (</u> <u>ps_domain, tcv_Start)</u>			
46		<u>? TIMEOUT t_WaitS</u>		<u>E</u>	
<u>It_GMMOnly_IdleUpdated</u>					
47		<u>+ ts_MMI_UE_SwitchOn</u>			
48		<u>+It_GMMOnly_TriggerAttach</u>			
49		<u>+ts_RRC_ConnEst(</u> <u>p_CellId,</u> <u>est_Reg,</u> <u>registration)</u>			<u>Establish RRC</u> <u>connection</u>
50		<u>+It_AttachRequest</u>			<u>ATTACH</u> <u>REQUEST</u>
51		<u>+ts_GMM_Authentication (p_CellId)</u>			<u>AUTHENTICATION</u> <u>AND CIPHERING</u> <u>REQUEST</u> <u>AUTHENTICATION</u> <u>AND CIPHERING</u> <u>RESPONSE</u>
52		<u>+It_SecurityMode</u>			<u>SECURITY MODE</u> <u>COMMAND</u> <u>SECURITY MODE</u> <u>COMPLETE</u>
53		<u>+It_AttachAccept</u>			<u>ATTACH ACCEPT</u> <u>ATTACH</u> <u>COMPLETE</u>
54		<u>+It_RRC_ConnRel</u>			<u>RRC connection</u> <u>release</u>
<u>It_GMMOnly_TriggerAttach</u>					
55		<u>[NOT pc_AutomaticAttachSwitchON]</u>			
56		<u>+ts_NAS_Delay(tsc_TWaitSysInfo)</u>			<u>Allow UE to decode</u> <u>Sys Infos</u>
57		<u>START t_WaitS (60)</u>			
58		<u>+ts_AT_TriggerGMM_Attach</u>			<u>Trigger UE to</u>

					<u>initiate GMM Attach after allowing the UE to decode Sys Infos</u>
<u>59</u>		<u>Dc ? RRC_DataInd (tcv_TmpAttachReqPDU := RRC_DataInd.msg, tcv_TmpB3:= tcv_TmpAttachReqPDU.attachType.type, tcv_Start := RRC_DataInd.start)CANCEL t_WaitS</u>	<u>car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_lv, c_RAI_Any_v, ?))</u>		<u>ATTACH REQUEST - Extract Attach type requested</u>
<u>60</u>		<u>+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)</u>			
<u>61</u>		<u>? TIMEOUT t_WaitS</u>		<u>F</u>	
<u>62</u>		<u>[TRUE]</u>			<u>Do nothing: UE will automatically attempt PS attach</u>
<u>It_AttachRequest</u>					
<u>63</u>		<u>Dc ? RRC_DataInd (tcv_TmpAttachReqPDU := RRC_DataInd.msg, tcv_TmpB3:= tcv_TmpAttachReqPDU.attachType.type, tcv_Start := RRC_DataInd.start)</u>	<u>car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_lv, c_RAI_Any_v, ?))</u>		<u>ATTACH REQUEST - Extract Attach type requested</u>
<u>64</u>		<u>+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)</u>			
<u>It_LocUpdAcc</u>					
<u>65</u>		<u>[tcv_Use_E_PLMN = FALSE]</u>			
<u>66</u>		<u>DclRRC_DataReq</u>	<u>ca_DataReq(tsc_CellDedicated, tsc_RB3, c_LocUpdAcplMSI(tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac))</u>		<u>LOCATION UPDATING ACCEPT</u>
<u>It_SecurityMode</u>					

67		<u>+ ts_RRC_Security (</u> <u>p_CellId,</u> <u>tcv_PS_AuthCK,</u> <u>tcv_PS_AuthIK,</u> <u>tcv_AuthKcGSM,</u> <u>TRUE, ps_domain)</u>			<u>SECURITY MODE</u> <u>COMMAND</u> <u>SECURITY MODE</u> <u>COMPLETE</u>
<u>It_AttachAccept</u>					
68		<u>[(tcv_UE_OpMode = opModeA) AND</u> <u>(tcv_TmpCellInfo.nmo = tsc_NMO_I)]</u>			<u>if UE is mode A and</u> <u>NMO II</u>
69		<u>(tcv_AssignedTMSI :=px_TMSI_Def,</u> <u>tcv_AssignedPTMSI :=px_PTMSI_Def,</u> <u>tcv_Assigned_PTMSI_Sig :=</u> <u>px_PTMSI_SigDef)</u>			<u>Use default values</u>
70		<u>Dc ! RRC_DataReq</u>	<u>ca_PS_DataReq(tsc_CellDedicated,</u> <u>tsc_RB3,</u> <u>cs_AttachAcc(</u> <u>c_GMM_AttachResult('011'B),</u> <u>c_RAI_v(</u> <u>tcv_TmpCellInfo.mcc,</u> <u>tcv_TmpCellInfo.mnc,</u> <u>tcv_TmpCellInfo.lac,</u> <u>tcv_TmpCellInfo.rac),</u> <u>c_PTMSI_Signature</u> <u>(tcv_Assigned_PTMSI_Sig),</u> <u>c_MobileIdPTMSI</u> <u>(tcv_AssignedPTMSI),</u> <u>c_GMM_MobileIdIMSI</u> <u>))</u>		<u>ATTACH ACCEPT</u> <u>for combined</u> <u>CS/PS</u> <u>- Attach result</u> <u>'GPRS/IMSI</u> <u>attached'</u> <u>- RAI default</u> <u>- P-TMSI signature</u> <u>- MobileId P-TMSI</u> <u>- default TMSI</u>
71		<u>Dc ? RRC_DataInd</u>	<u>car_PS_UplinkDirectTransfer (</u> <u>tsc_CellDedicated, tsc_RB3,</u> <u>cr_AttachComplete)</u>		<u>ATTACH</u> <u>COMPLETE</u>
72		<u>[TRUE]</u>			<u>If mode is C or if</u> <u>NMO is II</u>
73		<u>(tcv_AssignedPTMSI := px_PTMSI_Def,</u> <u>tcv_Assigned_PTMSI_Sig :=</u> <u>px_PTMSI_SigDef)</u>			<u>Use default values</u>
74		<u>[tcv_Use_E_PLMN = FALSE]</u>			

75		<u>Dc ! RRC_DataReq</u>	<u>ca_PS_DataReq(tsc_CellDedicated,</u> <u>tsc_RB3,</u> <u>cs_AttachAcc(</u> <u>c_GMM_AttachResult('001'B),</u> <u>c_RAI_v(</u> <u>tcv_TmpCellInfo.mcc,</u> <u>tcv_TmpCellInfo.mnc,</u> <u>tcv_TmpCellInfo.lac,</u> <u>tcv_TmpCellInfo.rac),</u> <u>c_PTMSI_Signature</u> <u>(tcv_Assigned_PTMSI_Sig),</u> <u>c_MobileIdPTMSI</u> <u>(tcv_AssignedPTMSI),</u> <u>-</u> <u>)</u>	<u>ATTACH ACCEPT</u> <u>for PS only</u> <u>- Attach result</u> <u>'GPRS attached'</u> <u>- RAI default (RAI-</u> <u>1)</u> <u>- P-TMSI-1</u> <u>signature</u> <u>- MobileId P-TMSI-</u> <u>1</u> <u>- omit TMSI</u>
76		<u>Dc ? RRC_DataInd</u>	<u>car_PS_UplinkDirectTransfer (</u> <u>tsc_CellDedicated, tsc_RB3,</u> <u>cr_AttachComplete)</u>	<u>ATTACH</u> <u>COMPLETE</u>
77		<u>[TRUE]</u>		<u>[tcv_Use_E_PLMN</u> <u>= TRUE]</u>
78		<u>Dc ! RRC_DataReq</u>	<u>ca_PS_DataReq(tsc_CellDedicated,</u> <u>tsc_RB3,</u> <u>cs_AttachAccE_PLMN(</u> <u>c_GMM_AttachResult('001'B),</u> <u>c_RAI_v(</u> <u>tcv_TmpCellInfo.mcc,</u> <u>tcv_TmpCellInfo.mnc,</u> <u>tcv_TmpCellInfo.lac,</u> <u>tcv_TmpCellInfo.rac),</u> <u>c_PTMSI_Signature</u> <u>(tcv_Assigned_PTMSI_Sig),</u> <u>c_MobileIdPTMSI</u> <u>(tcv_AssignedPTMSI),</u> <u>-</u> <u>tcv_E_PLMN</u> <u>)</u>	<u>ATTACH ACCEPT</u> <u>for PS only</u> <u>- Attach result</u> <u>'GPRS attached'</u> <u>- RAI default (RAI-</u> <u>1)</u> <u>- P-TMSI-1</u> <u>signature</u> <u>- MobileId P-TMSI-</u> <u>1</u> <u>- omit TMSI</u> <u>- equivalent PLMN</u> <u>list</u>
79		<u>Dc ? RRC_DataInd</u>	<u>car_PS_UplinkDirectTransfer (</u> <u>tsc_CellDedicated, tsc_RB3,</u>	<u>ATTACH</u> <u>COMPLETE</u>

		<u>cr_AttachComplete)</u>		
<u>It_RRC_ConnRel</u>				
80		[(<u>tcv_TmpCellInfo.cellConfig = cell_FACH</u>) OR (<u>tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH</u>) OR (<u>tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH</u>) OR (<u>tcv_TmpCellInfo.cellConfig = cell_FACH_2_SCCPCH</u>) OR (<u>tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_Cnfg1</u>) OR (<u>tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_4_FACH_Cnfg2</u>) OR (<u>tcv_TmpCellInfo.cellConfig = cell_FACH_3_SCCPCH_3_FACH_CTCH</u>)]		
81		+ <u>ts_RRC_ConnRel (p_CellId, cell_Fach_Dch)</u>		
82		[<u>tcv_TmpCellInfo.cellConfig <> cell_FACH</u>]		
83		+ <u>ts_RRC_ConnRel (p_CellId, cell_Dch)</u>		
Detailed Comment: See 3GPP 24.008 / 4.7 and also 3GPP 34.108 / 7.2.2 (Registration on PS) See also the detailed description in test Step <u>ts_MM_IdleUpdated</u> , on which this test Step is based.				