3GPP TSG RAN Meeting #28 **RP-050281**

Quebec, Canada, 1 - 3 June 2005

Title **Summary of TTCN CR F category to 34.123-3 for approval Batch 1**

Source **RAN WG5**

Agenda Item **7.6.5**

WG Tdoc	Spec	CR	R	Cat	Rel	Curr Ver	Title	Work Item
R5s050146	34.123-3	1289	-	F	Rel-5	5.0.0	Summary of regression errors for IR_U_r3_wk17.	TEI
R5s050169	34.123-3	1290	-	F	Rel-5	5.0.0	Correction to Approved RRC Package 4 TC 8.4.1.40	TEI
R5s050168	34.123-3	1291	-	F	Rel-5	5.0.0	Correction of a missing LB entity in LB setup introduced in Rel-5 in the definition of CLOSE UE TEST LOOP	TEI
R5s050165	34.123-3	1292	-	F	Rel-5	5.0.0	Correction to approved testcase 8.2.2.4 and 8.2.4.4	TEI
R5s050166	34.123-3	1293	-	F	Rel-5	5.0.0	Summary of additional regression errors in the wk17 ATS.	TEI
R5s050163	34.123-3	1294		F	Rel-5	5.0.0	Correction to approved testcase 8.2.1.9	TEI
R5s050167	34.123-3	1295		F	Rel-5	5.0.0	Correction in TTCN to support Band II UE for UE capability Information	TEI
R5s050152	34.123-3	1296		F	Rel-5	5.0.0	Correction to value of periodic RA update timer IE in Attach Accept message	TEI
R5s050153	34.123-3	1297		F	Rel-5	5.0.0	Correction to Order of AT commands used for initiation of PS call	TEI
R5s050154	34.123-3	1298		F	Rel-5	5.0.0	Correction to approved testcase 8.1.7.1b	TEI
R5s050164	34.123-3	1299		F	Rel-5	5.0.0	Regression Error Report based on wk17ATS	TEI

WG Tdoc	Spec	CR	R	Cat	Rel	Curr Ver	Title	Work Item
R5s050149	34.123-3	1300		F	Rel-5	5.0.0	Correction in TTCN to enable ciphering for 3G to 2G handover.	TEI
R5s050148	34.123-3	1301		F	Rel-5	5.0.0	Correction to approved RRC testcases 8.1.3.3 and 8.1.3.4	TEI
R5s050140	34.123-3	1302		F	Rel-5	5.0.0	Correction to GCF WI-10 test case 8.4.1.3	TEI
R5s050127	34.123-3	1303		F	Rel-5	5.0.0	Corrections to WI-010 P3 RAB test cases 14.2.12, 14.2.16 & 14.2.17	TEI
R5s050124	34.123-3	1304		F	Rel-5	5.0.0	Correction required for WI-010 P3 RAB Testcase 14.2.38c.	TEI
R5s050123	34.123-3	1305		F	Rel-5	5.0.0	Correction to GCF Package 3 RRC test case 8.3.1.24	TEI
R5s050116	34.123-3	1306		F	Rel-5	5.0.0	Summary of additional regression errors in the wk09 ATS.	TEI
R5s050117	34.123-3	1307		F	Rel-5	5.0.0	Correction to approved RRC Package 4 TC 8.3.1.18	TEI
R5s050115	34.123-3	1308		F	Rel-5	5.0.0	Correction to WI-12 Test Case 8.3.7.16	TEI

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1289 ⌘**rev** - ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Summary of regression errors for IR_U_r3_wk17.
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	10/05/05
Category:	⌘	**F**
		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 3GPPTR 21.900.
Release:	⌘	*Rel-5* *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:	⌘	Problems in verification of test cases contained in IR_U_r3_wk17.
Summary of change:	⌘	See attached detailed change descriptions.
Consequences if not approved:	⌘	The affected test cases wil not run properly.

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.

3GPP T1#1-TTCN e-Mail 2005 ⌘***R5s050146***

17 Feb - 31 Dec 2005

Title:	Summary of regression errors for IR_U_r3_wk17.
Source:	Rohde & Schwarz
Agenda Item:	TTCN Issues
Document for:	Approval
Contact:	Holger Jauch holger.jauch@rsd.rohde-schwarz.com Tel. +49 89 4129 11534

1 Overview

This document is a CR on multiple TTCN objects contained in the IR_U_r3_wk17 ATS. It results from problems in the verification of approved test cases contained in the ATS.

2 Table of Contents

3 Summary of regression errors for IR_U_r3_wk17

3.1 Introduction

This CR presents multiple TTCN objects contained in the IR_U_r3_wk17 ATS. It results from problems in the verification of approved test cases contained in the ATS.

The ATS enclosed in R5s050146.zip [1] contains all the TTCN objects for which there are changes proposed in this document, plus all test cases affected by these changes.

Note 1: 'Affected' means directly or indirectly affected; there is not necessarily a change label in all the Dynamic Behaviour table of each affected test case.

Note 2: Some of the modifications described here also affect test cases contained in other ATSs, particularly in IR_G_wk17.mp.

For the ATS modifications as identified by the 'Change labels' as defined in the subsequent subclauses, the following principles apply:

a) If there are new TTCN objects proposed they are marked 'New' in the ATS Reference in Annex A.

b) All other changes on existing objects are explicitly described in this CR.

Annex A contains a table listing all change label/affected object combinations described in this document.

3.2 Presentation of the modifications

The modifications are presented by the use of '**Change Tables**' as described below, and by **screenshots** taken from the relevant parts of changed TTCN objects in TTCN.GR format.

In addition, if the **reason for a change** cannot be expressed in a few table lines, particular subclauses of clause 4 may be generated for detailed argumentation.

The '**Change Tables**' have the format described in the example below (all entries in the second column are for demonstration purposes only):

Table 1: Example Change Table

TTCN object	*tc_8_3_9_5*
Reference ATS	*IR_U_r3_wk17.mp [2]*
Change Label	*WA#2G3RRC0110*
Reason for change	*<Textual description of change reason>*.
Summary of change	*<Textual description of performed changes>*
Other affected objects	*<GOTO fields to other change descriptions>* (optional)
ETSI comment	
R&S conclusion	

TTCN object: Identifier(s) of one or more TTCN objects having a global context in the TTCN ATS. Typically only one TTCN object occurs. More than one object is listed only, when:

a) All objects belong to the same TTCN Object Class; and
b) All objects are either created, or are modified in the same systematic way; and
c) No other change is proposed for the listed objects.

Reference ATS: ETSI ATS containing the referred TTCN object(s), relative to which the current change description applies.

Change Label: Textual identifier starting with the fixed string 'WA#2G3RRC', followed by a 4-digit number (e.g. WA#2G3RRC0110). A Change Label is assigned when a particular problem is recognized during the verification work. More than one TTCN Object may be affected by the proposed solution to this problem.

Reason for change: Textual description of the reason why the change is proposed.

Summary of change: Short description of what is proposed for change.

Other affected objects: List of one or more GOTO fields, pointing to other TTCN objects having assigned the same Change Label, i.e. all other objects being affected by the problem giving rise to the current Change Label.

ETSI comment: This field may be used by ETSI colleagues giving a dedicated reply to the current CR document. Otherwise it is filled by the R&S 2G3 group when another kind of response is received from ETSI.

R&S conclusion: Filled by the R&S 2G3 group when the ETSI answer does not indicate acceptance of the change request.

3.3 Modifications inside test case behaviour tables

3.3.1 tc_8_3_7_1

TTCN object	tc_8_3_7_1
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0576
Reason for change	In GERAN, Circuit Switched and Packet Switched share the same TS Parameter to specify the ciphering algorithm. But this is wrong, because value 0 means algoithm A5/1 for CS and it means no ciphering for PS. So it is not possible to enable both PS and CS ciphering at the same time.
Summary of change	Split the TS Parameter for GERAN ciphering algorithm in two: px_CipherAlg for CS and px_GPRS_CipherAlg for PS. Note: See previous CR G3t050015 on test case 60.2a.
Other affected objects	tc_8_3_11_1 , tc_12_8 , px_GPRS_CipherAlg (see G3t050015.doc), cs_AuthAndCiphReq (see G3t050015.doc)
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_8_3_7_1
Test Group Reference:	ISHO_UTRAN_ToGSM/
Purpose:	To test that the UE supporting both GSM and UTRAN handovers from a UTRAN serving cell to the indicated channel of GSM target cell when the UE is in the speech call active state and receives an INTER-SYSTEM HANDOVER COMMAND FROM UTRAN.
Configuration:	
Defaults:	IntersystemDef
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		START t_Guard			
...					
lt_LocalTest					
21		(tcv_ISHO_SubtestCounter := tcv_ISHO_SubtestCounter + 1)			
22		[(tcv_ISHO_SubtestCounter = 1) AND (NOT pc_GSM_AMR)]			If yes skip the subtest 1
23		[(tcv_ISHO_SubtestCounter = 2) AND (NOT pc_GSM_EFR)]			If yes skip the subtest 2
24		[(tcv_ISHO_SubtestCounter = 3) AND (NOT pc_GSM_FR)]			If yes skip the subtest 3
25		[(tcv_ISHO_SubtestCounter = 4) AND (NOT pc_GSM_HR)]			If yes skip the subtest 4
26		[TRUE]			Else Execute the Loop
27		+lt_SubtestInitVariables			step 1 Bring the mobile into Mobile terminated CC U10 state.
28		+ts_IdleUpdated (tsc_CellA)			Idle Update and bring UE to CELL_DCH state and release the connection again @sic RASH T1-031640 sic@
29		+ts_CC_EnterU10_MT_Speech(tsc_CellA)			
30		+ts_GSM_SetCellPowerLevel2Ch(tsc_GSM_CellA, tsc_PhyCh0 , tsc_PhyCh1, tsc_ChPwrLvl_High)			@sic T1-040940 sic@
31		+lt_G_ConfigTrafficchannel			
32		(tcv_GPRS_CipherAlg := px_GPRS_CipherAlg)			@sic R5s050149 sic@ WA#2G3RRC0576
...					

3.3.2 tc_8_3_7_3

TTCN object	tc_8_3_7_3
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0612
Reason for change	cbr_RA_UpdReq(c_GMM_UpdateType_v ('0'B, '000'B) , c_RAI_Any_v, *, *, ?) is received where actual parameters '*' are assigned to optional elements 'oldPTMSI_Signature' and 'tmsiStatus' having Structured Types 'PTMSI_Signature' resp. 'TMSI_Status'.
Summary of change	Use cbr_RA_UpdReqAny(c_GMM_UpdateType_v ('0'B, '000'B), c_RAI_Any_v, ?) instead.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Case

Test Case Id:	tc_8_3_7_3
Test Group Reference:	ISHO_UTRAN_ToGSM/
Purpose:	To test that the UE handovers to the indicated channel of lower data rate in the GSM target cell when it is in the data call active state in the UTRAN serving cell and receives an INTER-SYSTEM HANDOVER COMMAND.
Configuration:	
Defaults:	IntersystemDef
Comments:	@sicT1-04675, ER1850 sic@

...	La...	Behaviour Description	Constraint Ref	...	Comments
1		START t_Guard			

...

lt_SubTest					
75		G_CL2 ! G_CL2_HoldPhyInfo_REQ	cabs_G_CL2_HoldPhyInfo_REQ (tsc_GSM_CellA , tsc_G_TrchId1 , 9, 15, 4)		Preparing the L1 of SS to send Physical Info on recieving 4 Access Bursts
76		G_CL2 ? G_CL2_HoldPhyInfo_CNF	cabr_G_CL2_HoldPhyInfo_CNF (tsc_GSM_CellA , tsc_G_TrchId1 , 9, 15)		
77		+ts_TransmitPhysicalInformation(tsc_G_TrchId1 , 9)			
78		AM ! RLC_HandoverReq	cabs_RLC_HandoverReq (tsc_CellDedicated, tsc_RB2, cbs_InterSystemHandoverToGSM (tcv_CellIndInfo.dl_IntegrityCheckInfo, cb_HandoverFromUTRANCommand_GSMMessageList (tcv_RRC_Ti , c_RAB_Info_T314, tcv_FreqBand , o_TTCN_HO_CommandToBitstring (tcv_GSM_HO_Cmd))))		step 3 Sending the Handover Command. @sic T1-041051 sic@
79		+ts_ReceiveHandoverAccessBurst(tsc_G_TrchId1 , 9)			Access burst recieved
80		G_L2 ? G_L2_L2Estab_IND	cabr_G_L2_L2Estab_IND (tsc_GSM_CellA , tsc_G_TrchId1 , 9, 15 , *)		
81	TBP1	G_L2 ? G_L2_DATA_IND	cabr_HOCmpInd (tsc_GSM_CellA, 0 , tsc_G_TrchId1 , 9, 15, ?, cr_G_HandOverCmp_Normal)	(P)	step 12 Recieving Handover complete with Normal RR Cause
82		[pc_8_3_7_3_CSPS = TRUE]			IF UE is Class A in GERAN

83		START t_ReceiveMessageTimer (30)			
84		G_LLC ? G_LLC_UNITDATA_IND (tcv_LLMEID := G_LLC_UNITDATA_IND.ILMEId, tcv_TLLI :=G_LLC_UNITDATA_IND.tLLI) CANCEL t_ReceiveMessageTimer	car_G_LLC_UnitData_IND (?, cbr_RA_UpdReqAny(c_GMM_UpdateType_v ('0'B, '000'B) , c_RAI_Any_v, ?))		WA#2G3RRC0612
85		G_LLC ! G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req (tcv_LLMEID, tcv_TLLI , 1 , '0'B, '0'B , cs_RA_UpdRej ('06'O))		
86		G_LLC ? OTHERWISE CANCEL t_ReceiveMessageTimer			
87	TBF1	?TIMEOUT t_ReceiveMessageTimer		(F)	
88		[TRUE]			IF UE is Class B in GERAN
89		+ts_G_ReceiveOptSuspend(tsc_G_TrchId1 ,9)			

3.3.3 tc_8_3_7_9

TTCN object	tc_8_3_7_9
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0567
Reason for change	ts_GSM_InitVariablesAllBands alone is not enough for GPRS.
Summary of change	Add line +ts_GSM_InitVariablesSpecific40.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0575
Reason for change	The 1800 MHz GSM band is treated in a wrong way, 1900 MHz GSM band is not handled at all.
Summary of change	Change lt_FreqBand to the version that is used in all other test cases from ISHO_UTRAN_ToGSM.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_8_3_7_9
Test Group Reference:	ISHO_UTRAN_ToGSM/
Purpose:	To test that the UE shall keep its old configuration and transmit a HANDOVER FROM UTRAN FAILURE message, which is set to "configuration unacceptable" in IE "Inter_RAT Handover failure cause", when it receives a HANDOVER FROM UTRAN COMMAND message, with the IE "GSM message" containing a HANDOVER COMMAND message including a configuration not supported by the UE.
Configuration:	
Defaults:	IntersystemDef
Comments:	

...	La...	Behaviour Description	Constraint Ref	...	Comments
1		START t_Guard			

...

lt_InitVariables					
17		+ts_RRC_InitVariables(cell_DCH)			
18		(tcv_CellInfoA.lac := '0080'O, tcv_CellInfoA.rac := '00'O)			@sic T1-040654 sic@
19		(tcv_IdleSIB11_CellA := c_SIB11_3_Intra3_Inter2_InterRAT_Def (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_G_CellInfoA, tcv_G_CellInfoB), tcv_IdleSIB12_CellA := c_SIB12_3_Intra3_Inter2_InterRAT_Def (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_G_CellInfoA, tcv_G_CellInfoB))			
20		+ts_GSM_InitVariablesAllBands			
21		+ts_GSM_InitVariablesSpecific40			WA#2G3RRC0567

...

It_FreqBand					
38		[(px_GSM_BandUnderTest = tsc_GSM_P_900Band_Test) OR (px_GSM_BandUnderTest = tsc_GSM_E_900Band_Test) OR (px_GSM_BandUnderTest = tsc_GSM_DCS1800Band_Test) OR (px_GSM_BandUnderTest = tsc_GSM_450Band_Test) OR (px_GSM_BandUnderTest =tsc_GSM_480Band_Test)]			WA#2G3RRC0575
39		(tcv_FreqBand := dcs1800BandUsed)			WA#2G3RRC0575
40		[(px_GSM_BandUnderTest = tsc_GSM_PCS1900Band_Test)]			WA#2G3RRC0575
41		(tcv_FreqBand := pcs1900BandUsed)			WA#2G3RRC0575
42		[TRUE]		(|)	
Detailed Comment:					

3.3.4 tc_8_3_11_1

TTCN object	tc_8_3_11_1
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0576
Reason for change	In GERAN, Circuit Switched and Packet Switched share the same TS Parameter to specify the ciphering algorithm. But this is wrong, because value 0 means algoithm A5/1 for CS and it means no ciphering for PS. So it is not possible to enable both PS and CS ciphering at the same time.
Summary of change	Split the TS Parameter for GERAN ciphering algorithm in two: px_CipherAlg for CS and px_GPRS_CipherAlg for PS. Note: See previous CR G3t050015 on test case 60.2a.
Other affected objects	tc_8_3_7_1 , tc_12_8 , px_GPRS_CipherAlg (see G3t050015.doc), cs_AuthAndCiphReq (see G3t050015.doc)
ETSI comment	
R&S conclusion	

Test Case

Test Case Id:	tc_8_3_11_1
Test Group Reference:	CellChangeOrderUTRAN_ToGSM/
Purpose:	To test that the UE shall be able to receive a CELL CHANGE ORDER FROM UTRAN message in CELL_DCH state and perform a cell change to another RAT, even if no prior UE measurements have been performed on the target cell. The UE regards the procedure as completed when it has received a successful response from the target RAT, e.g. in case of GSM when it received the response to a (PACKET) CHANNEL REQUEST in the new cell.
Configuration:	
Defaults:	IntersystemGPRS
Comments:	

...	La...	Behaviour Description	Constraint Ref	...	Comments
1		START t_Guard			

...

lt_SendRAUAcpt					
43		[NOT px_CipheringOnOff]			Send unciphered
44		+ts_DownlinkTBFEstablishment(tsc_GSM_CellA, tsc_PhyCh1, bcch)			
45		G_LLC ! G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEEntity, tcv_TLLI, tsc_LLCSapi_GMM, tsc_LLC_PM, tsc_LLC_NoCiph, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAI_v (tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))		
46		[px_CipheringOnOff]			
47		+ts_LLC_TLLI_Assign(tsc_GSM_CellA, tcv_oldTLLI, tcv_TLLI, px_GPRS_CipherAlg)			don't change the TLLI, only the ciphering algorithm WA#2G3RRC0576
48		+ts_DownlinkTBFEstablishment(tsc_GSM_CellA, tsc_PhyCh1, bcch)			

...

3.3.5 tc_8_3_9_1

TTCN object	tc_8_3_9_1
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0616
Reason for change	cr_ServiceRequest(c_ServiceTypePagingResp, ?,?) is received, where the second actual parameter of cr_ServiceRequest is assigned to mandatory field 'ptmsi' of PDU 'SERVICEREQUEST', having Structured Type 'MS_Identity_lv'.
Summary of change	Replace wildcard '?' by c_MobileIdAny_lv. Note: See e.g. cr_ServiceRequest in defaults NAS_OtherwiseFail, RRC_Def1, RRC_DefConnEst, SS_Def or RRC_Def1_Idle .
Other affected objects	tc_8_3_9_5 , ts_GMM_ServReq
ETSI comment	
R&S conclusion	

Test Case

Test Case Id:	tc_8_3_9_1
Test Group Reference:	CellReselection/
Purpose:	1.To verify that the UE performs reselection from UTRAN to GPRS in state cell_FACH on the following occasions - Seving cell becomes barred. - S < 0 for serving cell. 2. To verify when the UE has succeeded in reselecting a cell in the target radio access technology and has initiated the establishment of a connection, it shall release all UTRAN specific resources.
Configuration:	
Defaults:	IntersystemGPRS
Comments:	

...	La...	Behaviour Description	Constraint Ref	...	Comments
1		START t_Guard(420)			@sic T1s040701 sic@

...

lt_PagingType2					
43		AM ! RLC_AM_DATA_REQ START t_WaitMS(3000)	cas_PagingType2(tsc_CellDedicated, tsc_RB2, cs_108_PagingType2 (tcv_CellIndInfo.dl_IntegrityCheckInfo,tcv_RRC_Ti, ps_domain, tcv_RRC_PagingCau))		Page the UE to check whether it has realeased all UTRAN resources
44	TBF1	Dc ? RRC_DataInd CANCEL t_WaitMS	car_PS_UplinkDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_ServiceRequest(c_ServiceTypePagingResp, c_MobileIdAny_lv,?))	(F)	SERVICE REQUEST - Service type is 'paging response' WA#2G3RRC0616
45	TBF2	Dc ? OTHERWISE CANCEL t_WaitMS		(F)	
46	TBP1	? TIMEOUT t_WaitMS		(P)	

...

3.3.6 tc_8_3_9_3

TTCN object	tc_8_3_9_3
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0534
Reason for change	ts_GSM_SetChPowerLevel can not be used in lt_InitVariables because the GERAN cell is not created yet.
Summary of change	Replace ts_GSM_SetChPowerLevel by setting tcv_G_CellInfoA.downlinkPowerLevel := tsc_ChPwrLvl_80dBm in line 5 of lt_InitVariables.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0535
Reason for change	In lt_SubTest ts_RRC_Delay is executed with a timeout value of 3000 ms, while t_reselection is defined to be 5 sec in the prose.
Summary of change	Replace timeout value 3000 by 5000.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_8_3_9_3
Test Group Reference:	CellReselection/
Purpose:	1.To verify that if the inter-RAT cell reselection fails before the UE in CELL_FACH succeeds initiating the establishment of a connection to GPRS cell, the UE shall - resume the connection to UTRAN using the resources used before initiating the inter-RAT cell reselection procedure.
Configuration:	
Defaults:	IntersystemGPRS
Comments:	

...	La...	Behaviour Description	Constraint Ref	...	Comments
1		START t_Guard			

...

lt_InitVariables					
21		+ts_RRC_InitVariablesPS(cell_FACH)			
22		+ts_GSM_InitVariablesAllBands			Initialises the Variables depending on the GSM Band under usage.
23		+ts_GSM_InitVariablesSpecific40			
24		+ts_GPRS_InitVariablesDef			
25		(tcv_G_CellInfoA.rXLEV_ACCESS_MIN := '001101'B, tcv_G_CellInfoA.cell_BAR_ACCESS := '1'B, tcv_G_CellInfoA.downlinkPowerLevel := tsc_ChPwrLvl_80dBm)			cell is Barred WA#2G3RRC0534
26		(tcv_IdleSIB11_CellA := c_SIB11_3_Intra3_Inter2_InterRAT_Def_8393 (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_G_CellInfoA, tcv_G_CellInfoB), tcv_IdleSIB12_CellA := c_SIB12_3_Intra3_Inter2_InterRAT_Def (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_G_CellInfoA, tcv_G_CellInfoB))			

...

It_SubTest					
27		(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.q_RxlevMin := -21, tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.q_RxlevMin := -21)			step d value = -41
28		+ts_SysInfoModifySIB3_And4_RRC_83x (tsc_CellA ,tcv_SIB3, tcv_SIB4,tsc_Now)			
29		+ ts_RRC_Delay(5000)			5 sec for reselction timer T expiry WA#2G3RRC0535
30		(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.q_RxlevMin := -51, tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.q_RxlevMin := -51)			step f value = -101
31		+ts_SysInfoModifySIB3_And4_RRC_83x (tsc_CellA ,tcv_SIB3, tcv_SIB4,tsc_Now)			
It_Postamble					
32		+po_GPRS_SS_CellRelease (tsc_GSM_CellA)			
33		+po_ConnectionAndSS_Rel(tsc_CellA)			

Detailed Comment:

3.3.7 tc_8_3_9_5

TTCN object	tc_8_3_9_5
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0616
Reason for change	cr_ServiceRequest(c_ServiceTypePagingResp, ?,?) is received, where the second actual parameter of cr_ServiceRequest is assigned to mandatory field 'ptmsi' of PDU 'SERVICEREQUEST', having Structured Type 'MS_Identity_Iv'.
Summary of change	Replace wildcard '?' by c_MobileIdAny_Iv. Note: See e.g. cr_ServiceRequest in defaults NAS_OtherwiseFail, RRC_Def1, RRC_DefConnEst, SS_Def or RRC_Def1_Idle .
Other affected objects	tc_8_3_9_1 , ts_GMM_ServReq
ETSI comment	
R&S conclusion	

Test Case

Test Case Id:	tc_8_3_9_5
Test Group Reference:	CellReselection/
Purpose:	To verify that the UE performs reselection correctly considering the Qoffset value broadcast in SIB 11.
Configuration:	
Defaults:	IntersystemGPRS
Comments:	

...	La...	Behaviour Description	Constraint Ref	...	Comments
1		START t_Guard			

...

lt_Paging					
37		AM ! RLC_AM_DATA_REQ	cas_PagingType2(tsc_CellDedicated, tsc_RB2, cs_108_PagingType2 (tcv_CellIndInfo.dl_IntegrityCheckInfo,tcv_RRC_Ti, ps_domain, terminatingInteractiveCall))		Page the UE to check whether it has realeased all UTRAN resources @sic R5s050084 sic@
38		+ ts_CMAC_Pag1_CfgConnMode (tsc_CellA)			
39		TM ! RLC_TR_DATA_REQ START t_WaitMS(3000)	cas_PagingType1 (tsc_CellA, tsc_RB_PCCH, cs_RRC_PagingType1_U_RNTI (tcv_TmpCellInfo.uRNTI))		@sic T1-041279 sic@
40	TBF1	Dc ? RRC_DataInd CANCEL t_WaitMS	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ServiceRequest(c_ServiceTypePagingResp, c_MobileIdAny_Iv,?))	(F)	SERVICE REQUEST - Service type is 'paging response' WA#2G3RRC0616
41	TBF2	TM ? RLC_TR_DATA_IND CANCEL t_WaitMS	car_RRC_CellUpdate (tsc_CellA, tsc_RB0,cbr_108_CellUpdate (tcv_TmpCellInfo.uRNTI, utran_pagingResponse))	(F)	Fails the test case

...

3.3.8 tc_12_8

TTCN object	tc_12_8
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0576
Reason for change	In GERAN, Circuit Switched and Packet Switched share the same TS Parameter to specify the ciphering algorithm. But this is wrong, because value 0 means algoithm A5/1 for CS and it means no ciphering for PS. So it is not possible to enable both PS and CS ciphering at the same time.
Summary of change	Split the TS Parameter for GERAN ciphering algorithm in two: px_CipherAlg for CS and px_GPRS_CipherAlg for PS. Note: See previous CR G3t050015 on test case 60.2a.
Other affected objects	tc_8_3_7_1 , tc_8_3_11_1 , px_GPRS_CipherAlg (see G3t050015.doc), cs_AuthAndCiphReq (see G3t050015.doc)
ETSI comment	
R&S conclusion	

Test Case

Test Case Id:	tc_12_8
Test Group Reference:	GMM/GMM_Ready_timer/
Purpose:	To verify that READY timer value received in UTRA can be used in GSM.
Configuration:	
Defaults:	IntersystemGPRS
Comments:	Initial conditions - SS : Two cells operating in network operation mode II, cell A (UTRAN) cell B (GSM) - UE : The UE has a valid IMSI

...	La...	Behaviour Description	Constraint Ref	...	Comments
1		START t_Guard(720)			@sic T1s040642 sic@

...

lt_Activate_CellB_Step6					
41		+ts_SS_DecrementCellPowerLevel (tsc_CellA, tsc_AttenuationSuitableNeighbourCell - tsc_AttenuationServingCell)			Lower power level cell A
42		+ts_GERANCreateCell(tsc_GSM_CellA, bcch, si2quater, nopsi5)			Activate GSM cell and send sys info
43		(tcv_GPRS_CipherAlg := px_GPRS_CipherAlg)			Set up ciphering ready for first UL TBF WA#2G3RRC0576

...

3.4 Other modifications

3.4.1 c_AuthFailParamGmmAny

TTCN object	c_AuthFailParamGmmAny
Reference ATS	New
Change Label	WA#2G3RRC0613
Reason for change	cr_AuthAndCiphFailure(?, *)is received by G_LLC_UNITDATA_IND at several occasions, where actual parameter '*' is assigned to element 'authFailurePar' having Structured Type 'AuthenticationFailureParameter'.
Summary of change	Define new constraint c_AuthFailParamGmmAny to be used instead of '*'. Note: c_AuthFailParamAny cannot be used since in the GMM case the IE Id is '30'O instead of '22'O.
Other affected objects	ts_GMM_Authentication
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration

Constraint Name:	c_AuthFailParamGmmAny
Group:	
Type Name:	AuthenticationFailureParameter
Derivation Path:	
Encoding Variation:	
Comments:	WA#2G3RRC0613

Element Name	Element Value	Type Encoding	Comments
iei	'00110000'B		
iel	'0E'O		
auts	?		

3.4.2 cr_NC_MeasRpt_Any

TTCN object	cr_NC_MeasRpt_Any
Reference ATS	New
Change Label	WA#2G3RRC0615
Reason for change	cr_PacketEnhancedMeasRpt(?, ?) is received by G_RLC_ControlMsg_IND, where the second actual parameter '?' is assigned to field 'nCMeasRep' of PDU 'PACKETENHANCEDMEASUREMENTREPORT', having Structured Type 'NC_MeasRpt' (CSN.1 encoded).
Summary of change	Define constraint cr_NC_MeasRpt_Any, to be applied in cr_PacketEnhancedMeasRpt(?, ?) instead of the second '?'.
Other affected objects	cr_PCCOServingCellData_Any , cr_RptdInvalidBSICInfo_Any , IntersystemGPRS
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration

Constraint Name:	cr_NC_MeasRpt_Any
Group:	
Type Name:	NC_MeasRpt
Derivation Path:	
Encoding Variation:	
Comments:	Generic receive constraint. Ref: 44.060 v5a0 clause 11.2.9d. Only up to 2 repetitions have been implemented. If more are required, the definitio n will be changed WA#2G3RRC0615

Element Name	Element Value	...	Comments
nC_Mode	?		
mask	?		
baUsed	*		not present if mask = 1
ba3GUsed	*		not present if mask = 1
psi3ChangeMark	*		not present if mask = 0
pmoUsed	?		
bsicSeen	?		
scale	?		
servMask	?		
servingCellData	cr_PCCOServingCellData_Any IF_PRESENT		not present if servMask = 0
rptdInvalidBSIC	cr_RptdInvalidBSICInfo_Any IF_PRESENT		
rptMask	*		replaced by endingRepetition if there is no repetition
rptQuantityMask1	*		not present if rptMask = 0
rptQuantity1	*		not present if rptMask or prtQuantity1Mask = 0
rptQuantityMask2	*		not present if rptMask = 0
rptQuantity2	*		not present if rptMask or prtQuantity2Mask = 0
endingRepetition	'0'B		always = '0'B indicating the end of the structure

Detailed Comment:

3.4.3 cr_PCCOServingCellData_Any

TTCN object	cr_PCCOServingCellData_Any
Reference ATS	New
Change Label	WA#2G3RRC0615
Reason for change	A Structured Type constraint for cr_PCCOServingCellData_Any (embedded in NC_MeasRpt) is required.
Summary of change	Define new Structured Type constraint cr_PCCOServingCellData_Any and apply it in cr_NC_MeasRpt_Any.
Other affected objects	cr_NC_MeasRpt_Any , cr_RptdInvalidBSICInfo_Any , IntersystemGPRS
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration

Constraint Name:	cr_NC_MeasRpt_Any
Group:	
Type Name:	NC_MeasRpt
Derivation Path:	
Encoding Variation:	
Comments:	Generic receive constraint. Ref: 44.060 v5a0 clause 11.2.9d. Only up to 2 repetitions have been implemented. If more are required, the definition will be changed. WA#2G3RRC0615

Element Name	Element Value	...	Comments
nC_Mode	?		
mask	?		
baUsed	*		not present if mask = 1
ba3GUsed	*		not present if mask = 1
psi3ChangeMark	*		not present if mask = 0
pmoUsed	?		
bsicSeen	?		
scale	?		
servMask	?		
servingCellData	cr_PCCOServingCellData_Any IF_PRESENT		not present if servMask = 0
rptdInvalidBSIC	cr_RptdInvalidBSICInfo_Any IF_PRESENT		
rptMask	*		replaced by endingRepetition if there is no repetition
rptQuantityMask1	*		not present if rptMask = 0
rptQuantity1	*		not present if rptMask or prtQuantity1Mask = 0
rptQuantityMask2	*		not present if rptMask = 0
rptQuantity2	*		not present if rptMask or prtQuantity2Mask = 0
endingRepetition	'0'B		always = '0'B indicating the end of the structure

Detailed Comment:

3.4.4 cr_RptdInvalidBSICInfo_Any

TTCN object	cr_RptdInvalidBSICInfo_Any
Reference ATS	New
Change Label	WA#2G3RRC0615
Reason for change	A Structured Type constraint for RptdInvalidBSICInfo (embedded in NC_MeasRpt) is required.
Summary of change	Define new Structured Type constraint cr_RptdInvalidBSICInfo_Any and apply it in cr_NC_MeasRpt_Any.
Other affected objects	cr_NC_MeasRpt_Any , cr_PCCOServingCellData_Any , IntersystemGPRS
ETSI comment	
R&S conclusion	

Structured Type Constraint Declaration

Constraint Name:	cr_RptdInvalidBSICInfo_Any
Group:	
Type Name:	RptdInvalidBSICInfo
Derivation Path:	
Encoding Variation:	
Comments:	Generic receive constraint. Ref: 44.060 v5a0 clause 11.2.9d Only up to 2 repetitions have only been implemented. If more are required, the definit ion will be changed. WA#2G3RRC0615

Element Name	Element Value	...	Comments
mask1	?		
bCCHFreqNCell1	*		not present if mask1 = 0
bSIC1	*		not present if mask1 = 0
rxLevNCell1	*		not present if mask1 = 0
mask2	*		replaced by endingRepetition if there is no repetition
bCCHFreqNCell2	*		not present if mask2 = 0
bSIC2	*		not present if mask2 = 0
rxLevNCell2	*		not present if mask2 = 0
endingRepetition	'0'B		always = '0'B indicating the end of the structure

Detailed Comment:

3.4.5 ts_GMM_Authentication

TTCN object	ts_GMM_Authentication
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0613
Reason for change	cr_AuthAndCiphFailure(?, *) is received by G_LLC_UNITDATA_IND, where actual parameter '*' is assigned to element 'authFailurePar' having Structured Type 'AuthenticationFailureParameter'.
Summary of change	Use new constraint cr_AuthAndCiphFailureAny instead of cr_AuthAndCiphFailure(?, *).
Other affected objects	c_AuthFailParamGmmAny
ETSI comment	
R&S conclusion	

Test Step

Test Step Id:	ts_GMM_Authentication (p_CellId : INTEGER)
Test Step Group Ref:	BasicM_MM_GMM_Steps/
Objective:	Generate authentication paramters and run the GMM Authentication procedure
Defaults:	NAS_OtherwiseFail
Comments:	

Nr	Lab...	Behaviour Description	Constraint Ref	V...	Comments
1		+ts_GMM_AuthenticationInit			Compute all relevant authentication parameters.

...

10	TSP2	[tcv_Res = TRUE]		(P)	
11		Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated , tsc_RB3, cr_AuthAndCiphFailureAny)	I	AUTHENTICATION AND CIPHERING Failure, then stop execution by assigning INCONCLUSIVE verdict as this might be a USIM issue. WA#2G3RRC0613

Detailed Comment:	See 3GPP 24.008 / 4.7, 3GPP 33.102 / 6.3 and 3GPP 34.108 / 8 (for the computation of authentication paramters for Test USIM) See also the detailed description in test Step ts_MM_Authentication, on which this test Step is based.

3.4.6 ts_GMM_ServReq

TTCN object	ts_GMM_ServReq
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0616
Reason for change	cr_ServiceRequest (c_ServiceType_v(?), * ,tcv_PS_KeySeq) is received, where the second actual parameter of cr_ServiceRequest is assigned to mandatory field 'ptmsi' of PDU 'SERVICEREQUEST', having Structured Type 'MS_Identity_lv'.
Summary of change	Replace wildcard '*' by c_MobileIdAny_lv. Note: See e.g. cr_ServiceRequest applied in defaults NAS_OtherwiseFail, RRC_Def1, RRC_DefConnEst, SS_Def or RRC_Def1_Idle .
Other affected objects	tc_8_3_9_1 , tc_8_3_9_5
ETSI comment	
R&S conclusion	

Test Step

Test Step Id:	ts_GMM_ServReq (p_CellId :INTEGER)
Test Step Group Ref:	RRC_M_NAS_Steps/
Objective:	To receive a default SERVICE REQUEST message.
Defaults:	NAS_OtherwiseFail
Comments:	

...	...	Behaviour Description	Constraint Ref	...	Comments
1		Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ServiceRequest (c_ServiceType_v(?), c_MobileIdAny_lv, tcv_PS_KeySeq))		SERVICE REQUEST WA#2G3RRC0616
2		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)			

3.4.7 ts_RRC_MultiCallEstPS_MO_P19

TTCN object	ts_RRC_MultiCallEstPS_MO_P19
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0617
Reason for change	cr_ActPDP_ContextReqMO (?) is received in line 21 where '?' is assigned to field 'requestedQoS' of PDU 'ACTIVATEPDPCONTEXTREQUESTul', having Structured Type 'QualityOfService_lv'.
Summary of change	Replace '?' by 'cr_QualityOfService_lv_Any'.
Other affected objects	ts_RRC_NAS_SessionActPS_MO_P9_P10
ETSI comment	
R&S conclusion	

Test Step

Test Step Id:	ts_RRC_MultiCallEstPS_MO_P19 (p_CellId: INTEGER)
Test Step Group Ref:	RRCM_RB_Establishment/
Objective:	
Defaults:	NAS_OtherwiseFail
Comments:	Implementation of procedure P19 defined in TS34.108 clause 7.4.2.8.1.2

...	La...	Behaviour Description	Constraint Ref	...	Comments
1		+ts_AT_OrgPS_Call (p_CellId)			

...

t_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_lv(tcv_DlyClass, tcv_TrafficClass)))		Receive PDP Context Activation Request
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 (cr_QualityOfService_lv_Any))		Receive PDP Context Activation Request WA#2G3RRC0617

...

3.4.8 ts_RRC_NAS_SessionActPS_MO_P9_P10

TTCN object	ts_RRC_NAS_SessionActPS_MO_P9_P10
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0617
Reason for change	cr_ActPDP_ContextReqMO (?) is received in line 19 where '?' is assigned to field 'requestedQoS' of PDU 'ACTIVATEPDPCONTEXTREQUESTul', having Structured Type 'QualityOfService_lv'.
Summary of change	Replace '?' by 'cr_QualityOfService_lv_Any'.
Other affected objects	ts_RRC_MultiCallEstPS_MO_P19
ETSI comment	
R&S conclusion	

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.

...	La...	Behaviour Description	Constraint Ref	...	Comments
1		+ ts_GMM_Authentication(p_CellId)			Steps 1-2

...

lt_ReceivePDP_Req					
16		[pc_AT_SupportToInit_PS_Call = TRUE]			IF call initiated by AT command, cehck 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_lv(tcv_DlyClass, tcv_TrafficClass)))		Step 5 Receive PDP Context Activation Request 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 (cr_QualityOfService_lv_Any))		Step 5 Receive PDP Context Activation Request 1 WA#2G3RRC0617
Detailed Comment:	1. Assign tcv_RAB_Id (BITSTRING[8]) with the NSAPI (BITSTRING[4]) value received in ACTIVATE PDP CONTEXT REQUEST message.				

3.4.9 IntersystemDef

TTCN object	IntersystemDef
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0611
Reason for change	ca_G_L2_UnitDataInd_MeasReport(?,?,?, ?, *, c_G_MeasReport_Any) is received with actual parameter '*' for parameter 'rfn' having Structured Type 'RFN'. Since a measurement report is actually received by c_G_MeasReport_Any, the RFN must be present.
Summary of change	Replace '*' by '?'. Note: It is clear that a structured value is received here by using a wildcard. But since RFN is received very often by '?' and this type has only fixed length fields, it is accepted although an 'Any-constraint' should be used.
Other affected objects	IntersystemDef_Idle , IntersystemGPRS
ETSI comment	
R&S conclusion	

Default

Default Id:	IntersystemDef
Default Group Ref:	InterSystem/
Objective:	
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1	DFF1	CRLC?CRLC_Integrity_Failure_IND	car_CRLC_IntegrityFail	(F)	
2		RETURN			

...

22		G_L2 ? G_L2_UNITDATA_IND	ca_G_L2_Unitdata_Ind_ChannelReq(? ,?, 1 , ?, c_G_ChannelReq_Any)	(P)	Physical channel ID, RFN to be filled
23		RETURN			
24		G_L2 ?G_L2_UNITDATA_IND	ca_G_L2_UnitDataInd_MeasReport(?, ?,?, ?, ?, c_G_MeasReport_Any)		3. WA#2G3RRC0611
25		RETURN			
26		G_L2 ? G_L2_Release_IND	cr_G_L2_Release_IND (?)		@sic T1s-04332 sic@ - This may be received from the SS when deleting the cell @sic T1-041010 sic@
27		RETURN			

...

3.4.10 IntersystemDef_Idle

TTCN object	IntersystemDef_Idle
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0611
Reason for change	ca_G_L2_UnitDataInd_MeasReport(?,?,?, ?, *, c_G_MeasReport_Any) is received with actual parameter '*' for parameter 'rfn' having Structured Type 'RFN'. Since a measurement report is actually received by c_G_MeasReport_Any, the RFN must be present.
Summary of change	Replace '*' by '?'. Note: It is clear that here a structured value is received by a wildcard. But since RFN is received very often by '?' and this type has only fixed length fields, it is accepted although an 'Any-constraint' should be used.
Other affected objects	IntersystemDef , IntersystemGPRS
ETSI comment	
R&S conclusion	

Default

Default Id:	IntersystemDef_Idle
Default Group Ref:	
Objective:	
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1		?TIMEOUT t_Idle			
2		(tcv_Idle := TRUE)			

...

52		G_L2 ? G_L2_UNITDATA_IND	ca_G_L2_Unitdata_Ind_ChannelReq(?,?, 1 , ?, c_ G_ChannelReq_Any)	(P)	Physical channel ID, RFN to be filled
53		RETURN			
54		G_L2 ?G_L2_UNITDATA_IND	ca_G_L2_UnitDataInd_MeasReport(?,?,?, ?, ?, c _G_MeasReport_Any)		3. WA#2G3RRC0611
55		RETURN			
56		G_L2 ? G_L2_Release_IND	cr_G_L2_Release_IND (?)		@sic R5s050118 sic@
57		RETURN			@sic R5s050118 sic@
58		G_L2 ?OTHERWISE			4.
59	L_1032	CANCEL		F	5.

Detailed Comment:	1. To catch actual timeouts of t_Idle , t_IdlePageTimer , t_IdleBoundTimer_ms_2, t_IdleBoundTimer_ms_1 2. To throw away any irrelevant channel request. 3. To throw away any measurement report. 4. Other unexpected events, fail. 5. Cancel of all running timers.

3.4.11 IntersystemGPRS

TTCN object	IntersystemGPRS
Reference ATS	IR_U_r3_wk17.mp [2]
Change Label	WA#2G3RRC0611
Reason for change	ca_G_L2_UnitDataInd_MeasReport(?,?,?, ?, *, c_G_MeasReport_Any) is received with actual parameter '*' for parameter 'rfn' having Structured Type 'RFN'. Since a measurement report is actually received by c_G_MeasReport_Any, the RFN must be present.
Summary of change	Replace '*' by '?'. Note: It is clear that here a structured value is received by a wildcard. But since RFN is received very often by '?' and this type has only fixed length fields, it is accepted although an 'Any-constraint' should be used.
Other affected objects	IntersystemDef , IntersystemDef_Idle
ETSI comment	
Change Label	WA#2G3RRC0615
Reason for change	cr_PacketEnhancedMeasRpt(?, ?) is received by G_RLC_ControlMsg_IND, where the second actual parameter '?' is assigned to field 'nCMeasRep' of PDU 'PACKETENHANCEDMEASUREMENTREPORT', having Structured Type 'NC_MeasRpt' (CSN.1 encoded).
Summary of change	Define new constraint cr_NC_MeasRpt_Any, and apply it in cr_PacketEnhancedMeasRpt: cr_PacketEnhancedMeasRpt(?, cr_NC_MeasRpt_Any).
Other affected objects	cr_NC_MeasRpt_Any , cr_PCCOServingCellData_Any , cr_RptdInvalidBSICInfo_Any
ETSI comment	
R&S conclusion	

Default

Default Id:	IntersystemGPRS
Default Group Ref:	InterSystem/
Objective:	
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	V...	Comments
1	DFF1	CRLC?CRLC_Integrity_Failure_IND	car_CRLC_IntegrityFail	(F)	
2		RETURN			

...

13		G_RLC ? G_RLC_ControlMsg_IND	car_G_RLC_ControlMsg_IND(?, ?, cr_PacketEnhancedMeasRpt(?, cr_NC_MeasRpt_Any))		PEMRs will be sent whenever they're turned on. Ignore those not handled in the test case @sic GP-0412160 sic@ WA#2G3RRC0615
14		RETURN			
15		AM?RLC_AM_DATA_CNF	car_AM_DataCnf(?, tsc_RB2)		
16		RETURN			
17		TM?RLC_TR_DATA_IND	car_RRC_ConnReq(?, tsc_RB0, cr_RRC_RrcConnReqAny)		
18	DFF2	[tcv_TestBody = TRUE]		(F)	
19		RETURN			
20		[tcv_TestBody = FALSE]			
21		RETURN			
22		CPHY?CPHY_Sync_IND CANCEL t_T312	ca_SyncInd (tsc_UL_DPCH1)		
23		RETURN			
24		CPHY?CPHY_Out_of_Sync_IND CANCEL t_T312	ca_OutOfSyncInd (tsc_UL_DPCH1)		
25		RETURN			
26		G_L2 ? G_L2_UNITDATA_IND	ca_G_L2_Unitdata_Ind_ChannelReq(?,?, 1 , ?, c_G_ChannelReq_Any)	(P)	Physical channel ID, RFN to be filled
27		RETURN			
28		G_L2 ?G_L2_UNITDATA_IND	ca_G_L2_UnitDataInd_MeasReport(?, ?,?, ?, ?, c_G_MeasReport_Any)		3. WA#2G3RRC0611
29		RETURN			

...

3.5 Changes referred to from previous CRs

The following Table 1 contains the list of Workarounds assigned in previous CRs and the affected objects. They are not described explicitly in this document.

Table : List of Workarounds assigned in previous CRs

Change Labels	Affected TTCN Objects	Ref. ATS	CR DocId
WA#2G3RRC0576	px_GPRS_CipherAlg	New	G3t050015.doc
WA#2G3RRC0576	cs_AuthAndCiphReq	IR_G_wk09.mp	G3t050015.doc
WA#2G3RRC0597	c_PowerOffsetInfoHigher64k	IR_G_wk09.mp	G3t050015.doc

4 Supplementary information

4.1 ATS

The TTCN ATS in R5s050146.zip [1] contains all test cases of ATS IR_U_r3_wk17.mp [2], being affected by the changes described above.

5 References

[1]	R5s050146.zip Archive comprising the current CR and the TTCN MP file for the current CR (supplementary information).
[2]	IR_U_r3_wk17.mp ETSI InterRAT UTRAN ATS, version week 17 (2005).
[3]	G3t050015.doc Previous CR from Rohde&Schwarz on test case 60.2a

Annex A: List of change labels and affected TTCN objects

The following Table 2 lists all change labels being described in this document, together with the related affected TTCN objects, and the Reference ATS to which the change description applies. When no Reference ATS is present, the object is a new definition.

Table 2: List of change labels and related affected TTCN Objects and reference ATS

Change Labels	Affected TTCN Objects	Ref. ATS
WA#2G3RRC0534	tc_8_3_9_3	IR_U_r3_wk17.mp [2]
WA#2G3RRC0535	tc_8_3_9_3	IR_U_r3_wk17.mp [2]
WA#2G3RRC0567	tc_8_3_7_9	IR_U_r3_wk17.mp [2]
WA#2G3RRC0575	tc_8_3_7_9	IR_U_r3_wk17.mp [2]
WA#2G3RRC0576	cs_AuthAndCiphReq	IR_U_r3_wk17.mp [2]
WA#2G3RRC0576	px_GPRS_CipherAlg	IR_U_r3_wk17.mp [2]
WA#2G3RRC0576	tc_12_8	IR_U_r3_wk17.mp [2]
WA#2G3RRC0576	tc_8_3_11_1	IR_U_r3_wk17.mp [2]
WA#2G3RRC0576	tc_8_3_7_1	IR_U_r3_wk17.mp [2]
WA#2G3RRC0597	c_PowerOffsetInfoHigher64k	IR_U_r3_wk17.mp [2]
WA#2G3RRC0611	IntersystemDef	IR_U_r3_wk17.mp [2]
WA#2G3RRC0611	IntersystemDef_Idle	IR_U_r3_wk17.mp [2]
WA#2G3RRC0611	IntersystemGPRS	IR_U_r3_wk17.mp [2]
WA#2G3RRC0612	tc_8_3_7_3	IR_U_r3_wk17.mp [2]
WA#2G3RRC0613	c_AuthFailParamGmmAny	New
WA#2G3RRC0613	ts_GMM_Authentication	IR_U_r3_wk17.mp [2]
WA#2G3RRC0615	cr_NC_MeasRpt_Any	New
WA#2G3RRC0615	cr_PCCOServingCellData_Any	New
WA#2G3RRC0615	cr_RptdInvalidBSICInfo_Any	New
WA#2G3RRC0615	IntersystemGPRS	IR_U_r3_wk17.mp [2]
WA#2G3RRC0616	tc_8_3_9_1	IR_U_r3_wk17.mp [2]
WA#2G3RRC0616	tc_8_3_9_5	IR_U_r3_wk17.mp [2]
WA#2G3RRC0616	ts_GMM_ServReq	IR_U_r3_wk17.mp [2]
WA#2G3RRC0617	ts_RRC_MultiCallEstPS_MO_P19	IR_U_r3_wk17.mp [2]
WA#2G3RRC0617	ts_RRC_NAS_SessionActPS_MO_P9_P10	IR_U_r3_wk17.mp [2]

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CHANGE REQUEST

⌘ **34.123-3** **CR** **1290** ⌘**rev** **-** ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Correction to Approved RRC Package 4 TC 8.4.1.40
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	TEI
Date:	⌘	12/05/2005
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	The parameter T_ReconfirmAbort in Physical_Channel_Reconfiguration is defined to 5 sec in 34.123. However in TTCN this parameter is set to 5 which according to 25.331 corresponds to the value 2.5 sec.
Summary of change:	⌘	c_DL_CommonInformation_Event3cCompModeDL_UL: Change T_ReconfirmAbort to 10. This could be needed in more then one place.
Consequences if not approved:	⌘	A confirmant UE might fail this TC.

Clauses affected:	⌘	tc_8_4_1_40

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

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

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

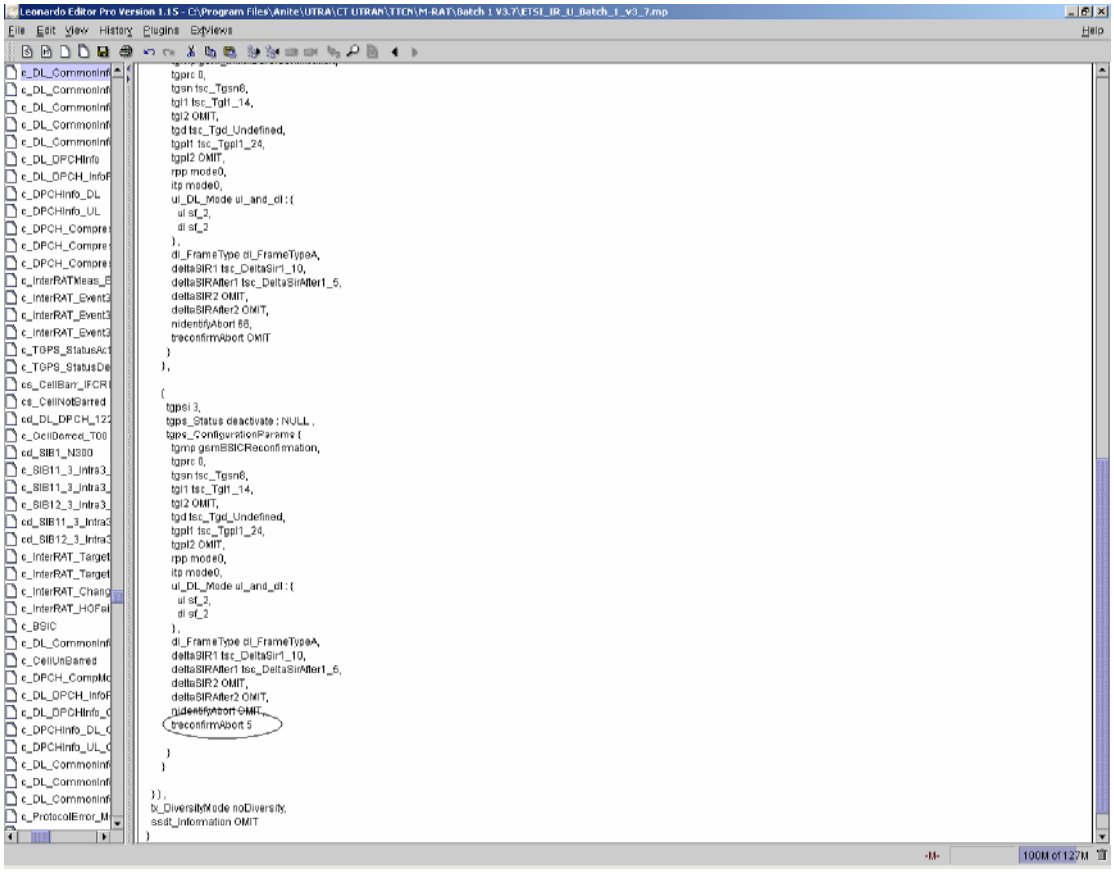
1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are

closest to.

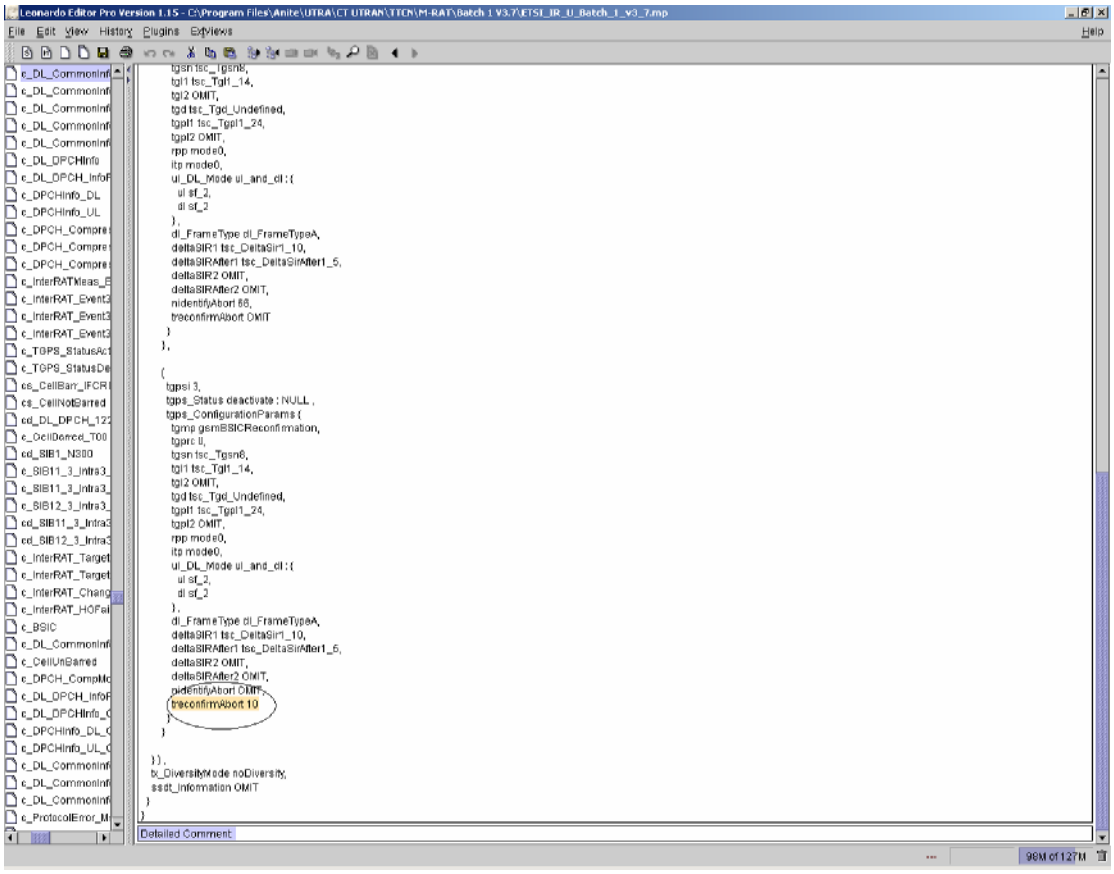
2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

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

Before (constraint: c_DL_CommonInformation_Event3cCompModeDL_UL)



After


Leonardo Editor Pro Version 1.15 - C:\Program Files\Anite\UTRA\CT UTRAN\TTCN\M-RAT\Batch 1 V3.7\ETSI_IR_U_Batch_1_v3_7.mp
File Edit View History Plugins ExtViews Help
tgsn tsc_Tgsn8,
tgl1 tsc_Tgl1_14,
tgl2 OMIT,
tgd tsc_Tgd_Undefined,
tgpl1 tsc_Tgpl1_24,
tgpl2 OMIT,
rpp mode0,
itp mode0,
ul_DL_Mode ul_and_dl : {
ul sf_2,
dl sf_2
},
dl_FrameType dl_FrameTypeA,
deltaSIR1 tsc_DeltaSir1_10,
deltaSIRAfter1 tsc_DeltaSirAfter1_5,
deltaSIR2 OMIT,
deltaSIRAfter2 OMIT,
nidentifyAbort 88,
treconfirmAbort OMIT
}
},
{
tgpsi 3,
tgps_Status deactivate : NULL ,
tgps_ConfigurationParams {
tgmp gsmBSICReconfirmation,
tgprc 8,
tgsn tsc_Tgsn8,
tgl1 tsc_Tgl1_14,
tgl2 OMIT,
tgd tsc_Tgd_Undefined,
tgpl1 tsc_Tgpl1_24,
tgpl2 OMIT,
rpp mode0,
itp mode0,
ul_DL_Mode ul_and_dl : {
ul sf_2,
dl sf_2
},
dl_FrameType dl_FrameTypeA,
deltaSIR1 tsc_DeltaSir1_10,
deltaSIRAfter1 tsc_DeltaSirAfter1_5,
deltaSIR2 OMIT,
deltaSIRAfter2 OMIT,
nidentifyAbort OMIT,
treconfirmAbort 10
}
}
}) ,
tx_DiversityMode noDiversity,
ssdt_Information OMIT
}
}
Detailed Comment
98M of 127M

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CHANGE REQUEST

⌘ **34.123-3** **CR** **1291** ⌘**rev** **-** ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Correction of a missing LB entity in LB setup introduced in Rel-5 in the definition of CLOSE UE TEST LOOP
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	34.109 clause 6.2, definition of CLOSE UE TEST LOOP, changed value of 'N' the number of LB entities in the LB setup list from 'less than or equal to 4' in R99 to 'less than or equal to 5' in Rel-5.
Summary of change:	⌘	Structured type definition of UE_TestLoopMode1LB_Setup, new IE IB_SetupRB_IE5 of type LB_SetupRB_IE is added. Note: This will have impact on all constraints of type 'UE_TestLoopMode1LB_Setup' like c_UE_TestLoopMode1_LB_Setup, c_UE_TestLoopMode1_LB_Setup2, cb_UE_TestLoopMode1LB_Setup3 etc.
Consequences if not approved:	⌘	Non conformant to spec and MAC-hs test case 7.1.5.2 un-implementable

Clauses affected:	⌘	

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

Other comments:	⌘	Affects SS TTCN codec implementation

UE_TestLoopMode1LB_Setup

UE_TestLoopMode1LB_Setup

Type Name	UE_TestLoopMode1LB_Setup
Encoding Variation	
Comments	UE Test Loop Mode 1 LB Setup 3G TS 34.109 cl. 6.2

Element Name	Type Definition	Field Encoding	Comments
iel	Length		length
lB_SetupRB_IE1	LB_SetupRB_IE		LB Setup RB IE #1
lB_SetupRB_IE2	LB_SetupRB_IE		LB Setup RB IE #2
lB_SetupRB_IE3	LB_SetupRB_IE		LB Setup RB IE #3
lB_SetupRB_IE4	LB_SetupRB_IE		LB Setup RB IE #4
lB_SetupRB_IE5	LB_SetupRB_IE		LB Setup RB IE #5
Detailed Comments	The maximum number of LB entities in the LB setup list is less than or equal to ~~4~~5.		

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CHANGE REQUEST

⌘ **34.123-3** **CR** **1292** ⌘**rev** **-** ⌘ Current version: **5.0.0** ⌘

*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 testcase 8.2.2.4 and 8.2.4.4
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	06/05/05
Category:	⌘	**F**
Release:	⌘	Rel-5

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: ⌘ As per **25.331, section 8.6.6.28**,

"If the IE "Downlink DPCH info common for all RL" is included in a message used to perform a Timing re-initialised hard handover or the IE "Downlink DPCH info common for all RL" is included in a message other than RB SETUP used to transfer the UE from a state different from Cell_DCH to Cell_DCH, and ciphering is active for any radio bearer using RLC-TM, the UE shall, after having activated the dedicated physical channels indicated by that IE:

….

1> include the calculated START values for each CN domain in the IE "START list" in the IE "Uplink counter synchronisation info" in the response message;"

In this testcase 8.2.2.4 and 8.2.4.4 if ciphering is activated, as per the above section reference, the UE will include IE 'uplink counter synchronisation info' in the physical channel reconfiguration complete message sent at step 6 in case domain to be tested is CS domain.

However, as per 34.108 section 9.1.1, the default contents for the Physical Channel Reconfiguration Complete message this IE is set as "Not Present".

Thus in these test cases IE 'uplink counter synchronisation info' in physical channel reconfiguration message sent at step no 6 should be checked in case domain to be tested is set to CS domain.

NOTE: This TTCN CR requires prose CR, which will be raised in the next RAN5 meeting.

Summary of change:	⌘	Created a new teststep ts_RRC_ReceivePhyChReconfCmpl_CheckForULCountSyncInfo and constraint cdr_108_PhyChannelReconfCmpl_NoCheckForULCountSyncInfo. This test step does not check for the IE 'uplink counter synchronisation info' for the CS domain. New teststep is called at line 22 of the testcase 8.2.2.4 and line 30 of the testcase 8.2.4.4
Consequences if not approved:	⌘	Test Case may fail a Conformant UE.

Clauses affected:	⌘	tc_8_2_2_4 and 8_2_4_4			
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:

Testcase	tc_8_2_2_4, It_LocalTest
Reason for change	As per **25.331, section 8.6.6.28**, “If the IE "Downlink DPCH info common for all RL" is included in a message used to perform a Timing re-initialised hard handover or the IE "Downlink DPCH info common for all RL" is included in a message other than RB SETUP used to transfer the UE from a state different from Cell_DCH to Cell_DCH, and ciphering is active for any radio bearer using RLC-TM, the UE shall, after having activated the dedicated physical channels indicated by that IE: …. 1> include the calculated START values for each CN domain in the IE "START list" in the IE "Uplink counter synchronisation info" in the response message;” In this testcase 8.2.2.4 and 8.2.4.4 if ciphering is activated, as per the above section reference, the UE will include IE ‘uplink counter synchronisation info’ in the physical channel reconfiguration complete message sent at step 6 in case domain to be tested is CS domain. However, as per 34.108 section 9.1.1, the default contents for the Physical Channel Reconfiguration Complete message this IE is set as “Not Present”. Thus in these test cases IE ‘uplink counter synchronisation info’ in physical channel reconfiguration message sent at step no 6 should be checked in case domain to be tested is set to CS domain. NOTE: This TTCN CR requires prose CR, which will be raised in the next RAN5 meeting.
Summary of change	Created a new teststep ts_RRC_ReceivePhyChReconfCmpl_CheckForULCountSyncInfo and constraint cdr_108_PhyChannelReconfCmpl_NoCheckForULCountSyncInfo. This test step does not check for the IE ‘uplink counter synchronisation info’ for the CS domain. New teststep is called at line 22 of the testcase 8.2.2.4 and line 30 of the testcase 8.2.2.4
Source of change	New change

Before :

21		+ts_SS_ReconfFACH_ToDCH_CS_PS (tsc_CellA)			@sic OG 18/08/04 ER1952/T1s040515 sic@
22		+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA, tcv_CellInfoA.cellConfig)			Step 6
23		AM ? RLC_AM_DATA_IND	car_RB_ReconfFail (tsc_CellDedicated, rB_Identity : tsc_RB2, cr_108_RB_ReconfigFail (tcv_RRC_Ti, physicalChannelFailure : NULL))		Step 7

After :

21		+ts_SS_ReconfFACH_ToDCH_CS_PS (tsc_CellA)			@sic OG 18/08/04 ER1952/T1s040515 sic@
22		+ts_RRC_ReceivePhyChReconfCmpl_CheckForULCountSyncInfo (tsc_CellA, tcv_CellInfoA.cellConfig)			Step 6
23		AM ? RLC_AM_DATA_IND	car_RB_ReconfFail (tsc_CellDedicated, rB_Identity : tsc_RB2, cr_108_RB_ReconfigFail (tcv_RRC_Ti, physicalChannelFailure : NULL))		Step 7

New teststep:

Test Step Id:	ts_RRC_ReceivePhyChReconfCmpl_CheckForULCountSyncInfo (p_CellId : INTEGER; p_RbType: RB_ConfigType)
Test Step Group Ref:	L3M_RRC_Steps/
Objective:	To receive PHYSICAL CHANNEL RECONFIGURATION COMPLETE message and reconfigure SS according to the received information element values.
Defaults:	RRC_Def1
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ ts_SetTmpCellInfo (p_CellId)			
2		START t_WaitMS			
3		[tcv_CN_Domain = cs_domain]			
4	TSF1	? TIMEOUT t_WaitMS		(F)	
5	TSP1	AM ?RLC_AM_DATA_IND CANCEL t_WaitMS	car_PhyChReconfCmpl (tsc_CellDedicated, tsc_RB2, cdr_108_PhyChannelReconfCmpl_NoCheckForULCountSyncInfo (tcv_RRC_Ti))	(P)	
6		[tcv_CN_Domain = ps_domain]			
7	TSF1	? TIMEOUT t_WaitMS		(F)	
8	TSP1	AM ?RLC_AM_DATA_IND CANCEL t_WaitMS	car_PhyChReconfCmpl (tsc_CellDedicated, tsc_RB2, cr_108_PhyChannelReconfCmpl (tcv_RRC_Ti))	(P)	

New constraint:

ASN.1 PDU Constraint Declaration	
Constraint Name:	cdr_108_PhyChannelReconfCmpl_NoCheckForULCountSyncInfo (p_RRC_Ti : RRC_TransactionIdentifier)
Group:	
PDU Name:	UL_DCCH_Message
Derivation Path:	cr_108_PhyChannelReconfCmpl.
Encoding Rule Name:	
Encoding Variation:	
Comments:	

Constraint Value
REPLACE message.physicalChannelReconfigurationComplete.ul_CounterSynchronisationInfo BY *

Change 2:

Testcase	tc_8_2_4_4, lt_LocalTest
Reason for change	As per **25.331, section 8.6.6.28**, “If the IE "Downlink DPCH info common for all RL" is included in a message used to perform a Timing re-initialised hard handover or the IE "Downlink DPCH info common for all RL" is included in a message other than RB SETUP used to transfer the UE from a state different from Cell_DCH to Cell_DCH, and ciphering is active for any radio bearer using RLC-TM, the UE shall, after having activated the

	dedicated physical channels indicated by that IE: …. 1> include the calculated START values for each CN domain in the IE "START list" in the IE "Uplink counter synchronisation info" in the response message;" In this testcase 8.2.2.4 and 8.2.4.4 if ciphering is activated, as per the above section reference, the UE will include IE 'uplink counter synchronisation info' in the physical channel reconfiguration complete message sent at step 6 in case domain to be tested is CS domain. However, as per 34.108 section 9.1.1, the default contents for the Physical Channel Reconfiguration Complete message this IE is set as "Not Present". Thus in these test cases IE 'uplink counter synchronisation info' in physical channel reconfiguration message sent at step no 6 should be checked in case domain to be tested is set to CS domain. NOTE: This TTCN CR requires prose CR, which will be raised in the next RAN5 meeting.
Summary of change	Created a new teststep ts_RRC_ReceivePhyChReconfCmpl_CheckForULCountSyncInfo and constraint cdr_108_PhyChannelReconfCmpl_NoCheckForULCountSyncInfo. This test step does not check for the IE 'uplink counter synchronisation info' for the CS domain. New teststep is called at line 22 of the testcase 8.2.2.4 and line 30 of the testcase 8.2.4.4.
Source of change	New change

Before :

29		+ts_SS_ReconfFACH_ToDCH_CS_PS (tsc_CellA)			step 5 @sic OG 18/12/03 T1-031749 sic@
30	TBP2	+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA, tcv_CellInfoA.cellConfig)			step 6
31	TBP3	AM ? RLC_AM_DATA_IND	car_TrChReconfFail (tsc_CellDedicated, tsc_RB2, cr_108_TrChReconfFail (tcv_RRC_Ti, physicalChannelFailure : NULL))	(P)	step 7

After :

29		+ts_SS_ReconfFACH_ToDCH_CS_PS (tsc_CellA)			step 5 @sic OG 18/12/03 T1-031749 sic@
30	TBP2	+ts_RRC_ReceivePhyChReconfCmpl_CheckForULCountSyncInfo (tsc_CellA, tcv_CellInfoA.cellConfig)			step 6
31	TBP3	AM ? RLC_AM_DATA_IND	car_TrChReconfFail (tsc_CellDedicated, tsc_RB2, cr_108_TrChReconfFail (tcv_RRC_Ti, physicalChannelFailure :NULL))	(P)	step 7

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CHANGE REQUEST

⌘ **34.123-3** **CR** 1293 ⌘ **rev** - ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Summary of additional regression errors in the wk17 ATS.
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	06/05/05
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	Correction of errors found in TTCN as part of Regression on wk17 ATS.
Summary of change:	⌘	This document lists all changes applied to wk17 required for testing of the approved test cases. See detailed change description for further information.
Consequences if not approved:	⌘	Test case may fail a conformant UE.

Clauses affected:	⌘	None

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

Table of Contents

Corrections required for RRC_wk17 test suite

Change 1

Teststep	ts_SS_ReconfDCH_ToFACH_CS_PS_8_3_4_2
Reason for change	1. In Test step ts_SendRB_SetUpInteractBackg_64k_ConvSpeech_CS_PS cell config is assigned as cell_Four_DTCH_PS_CS for the test case 8.3.1.25. But teststep ts_SS_ReconfDCH_ToFACH_CS_PS_8_3_4_2, which is called at Line #17 of the test case doesn't have any check for cell_Four_DTCH_PS_CS. 2. In Test step ts_SendRB_SetUp_InteractBackg_64k_ConvUnknown_64k_20_CS_PS cell config is assigned as cell_Two_DTCH_PS_CS for the test case 8.3.1.25. But teststep ts_SS_ReconfDCH_ToFACH_CS_PS_8_3_4_2, which is called at Line #17 of the test case doesn't have any check for cell_Two_DTCH_PS_CS. Note: This change was earlier reported in R5s050116.
Summary of change	1) At line # 5, added check for cell_Four_DTCH_PS_CS. **2)** At line # 15, added check for cell_Two_DTCH_PS_CS.
Source of change	New change

After:

Test Step Id:	ts_SS_ReconfDCH_ToFACH_CS_PS_8_3_4_2 (p_CellId : INTEGER)
Test Step Group Ref:	RRCM_Steps/
Objective:	Switch SS configuration from CELL_DCH state to CELL_FACH state
Defaults:	SS_Def
Comments:	@sic OG 10/08/04 ER1932 sic@

Nr	Label	Behaviour Description	Const...	Verd...	Comments
1		+ts_SetTmpCellInfo (p_CellId)			
2		[tcv_TmpCellInfo.cellConfig = cell_DCH_64kPS_RAB_SRB]			
3		+ts_SS_2_FACH_1_RACH_Modify (p_CellId, c_TrLogMappingRACH_DTCH, c_TrLogMappingPCH_FACH_PS)			
4		+ts_SetCellCfg (p_CellId, cell_FACH_PS)			@sic Thomas ER1988 sic@
5		[(tcv_TmpCellInfo.cellConfig = cell_DCH_Speech) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_PS_CS)]			
6		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB10)			
7		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB11)			
8		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB12)			
9		+ts_SS_2_FACH_1_RACH_Modify (p_CellId, c_TrLogMappingRACH_DTCH, c_TrLogMappingPCH_FACH_PS)			
10		[tcv_TmpCellInfo.cellConfig = cell_DCH_Speech]			@sic OG 13/10/04 T1s040658 sic@
11		+ts_SS_RB20_AM_PS_Cfg (320)			
12		+ts_SetCellCfg (p_CellId, cell_FACH_PS)			
13		[TRUE]			@sic OG 13/10/04 T1s040658 sic@
14		+ts_SetCellCfg (p_CellId, cell_FACH_PS)			@sic OG 13/10/04 T1s040658 sic@
15		[(tcv_TmpCellInfo.cellConfig = cell_DCH_64kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_CS_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_PS_CS))]			
16		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB10)			

Corrections required for IR_U_wk17 test suite

Change 1

Local Tree and Test step	ts_U2GCellChange_RAUpdate
Reason for change	The test step ts_U2GCellChange_RAUpdate is modified as per TTCN CR R5s050149 except calling the ts_LLC_TLLI_Assign before sending the Routing Area Update Accept message. This change was not implemented correctly from R5s050149.
Summary of change	Row #14 is added to call the ts_LLC_TLLI_Assign.
Source of change	
ETSI Comment	

Before:

Test Step Id:	ts_U2GCellChange_RAUpdate(p_CellId : CellId; p_PhysicalChId : PhysicalChId; p_FOR : B1; p_Type : B3)
Test Step Group Ref:	M_RAT_HO_GPRS_Specific/
Objective:	
Defaults:	IntersystemGPRS
Comments:	Assumes channel combination 13 (no PBCCH)

Nr	Label	Behaviour Description	Constraint Ref	
1		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
2		G_LLC ? G_LLC_UNITDATA_IND (tcv_TmpRAU_ReqPDU := G_LLC_UNITDATA_IND.msg, tcv_TmpB3 := tcv_TmpRAU_ReqPDU.updateType.value)	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(p_FOR, p_Type), ?, ?))	
3		+lt_SendAccept		
4		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
5		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cr_RA_UpdComplete)	
6		G_LLC ? G_LLC_UNITDATA_IND (tcv_TmpRAU_ReqPDU := G_LLC_UNITDATA_IND.msg, tcv_TmpB3 := tcv_TmpRAU_ReqPDU.updateType.value)	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(?, ?), ?, ?))	(F)
7		+lt_SendAccept		
8		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
9		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cr_RA_UpdComplete)	
lt_SendAccept				
10		[NOT px_CipheringOnOff]		
11		+ts_DownlinkTBFEstablishment(p_CellId, p_PhysicalChId, bcch)		
12		G_LLC ! G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEEntity, tcv_TLLI, tsc_LLCSapi_GMM, tsc_LLC_PM, tsc_LLC_NoCiph, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAI_v (tcv_G_CellInfoA.mcc, tcv_G_CellInfoA.mnc, tcv_G_CellInfoA.lac, tcv_RAC), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))	
13		[px_CipheringOnOff]		
14		+ts_DownlinkTBFEstablishment(p_CellId, p_PhysicalChId, bcch)		

After:

Test Step Id:	ts_U2GCellChange_RAUpdate(p_CellId : CellId; p_PhysicalChId : PhysicalChId; p_FOR : B1; p_Type : B3)
Test Step Group Ref:	M_RAT_HO_GPRS_Specific/
Objective:	
Defaults:	IntersystemGPRS
Comments:	Assumes channel combination 13 (no PBCCH)

Nr	Label	Behaviour Description	Constraint Ref	Ver
1		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
2		G_LLC ? G_LLC_UNITDATA_IND (tcv_TmpRAU_ReqPDU := G_LLC_UNITDATA_IND.msg, tcv_TmpB3 := tcv_TmpRAU_ReqPDU.updateType.value)	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(p_FOR, p_Type), ?, ?))	
3		+lt_SendAccept		
4		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
5		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cr_RA_UpdComplete)	
6		G_LLC ? G_LLC_UNITDATA_IND (tcv_TmpRAU_ReqPDU := G_LLC_UNITDATA_IND.msg, tcv_TmpB3 := tcv_TmpRAU_ReqPDU.updateType.value)	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(?, ?), ?, ?))	(F)
7		+lt_SendAccept		
8		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
9		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cr_RA_UpdComplete)	
lt_SendAccept				
10		[NOT px_CipheringOnOff]		
11		+ts_DownlinkTBFEstablishment(p_CellId, p_PhysicalChId, bcch)		
12		G_LLC ! G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEEntity, tcv_TLLI, tsc_LLCSapi_GMM, tsc_LLC_PM, tsc_LLC_NoCiph, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAI_v (tcv_G_CellInfoA.mcc, tcv_G_CellInfoA.mnc, tcv_G_CellInfoA.lac, tcv_RAC), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))	
13		[px_CipheringOnOff]		
14		+ts_LLC_TLLI_Assign(p_CellId, tcv_oldTLLI, tcv_TLLI, px_CipherAlg)		
15		+ts_DownlinkTBFEstablishment(p_CellId, p_PhysicalChId, bcch)		

Change 2

Local Tree and Test step	8.3.7.2, 8.3.7.3, 8.3.7.4, 8.3.7.13, 8.3.7.16, 8.3.11.1, 8.3.11.9 tcv_GPRS_CipherAlg
Reason for change	As per ETSI comments for the Change 2 of the TTCN CR R5s050149 the variable tcv_GPRS_CipherAlg needs to be updated with px_CipherAlg in all the above test cases.
Summary of change	Set tcv_GPRS_CipherAlg with px_CipherAlg in the above test cases.
Source of change	New change.
ETSI Comment	

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1294** ⌘**rev** **-** ⌘ Current version: **5.0.0** ⌘

*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 testcase 8.2.1.9
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	06/05/05
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	As per 34.123-1 section 8.2.1.9.4 timer poll should be set as 800ms. In the TTCN during the creation of the cell, timer poll for AM SRBs is set to 800ms. However later after the reception of RRC Connection Release complete in the preamble, teststep ts_SS_RB1_ToRB4_Cfg is used which sets timer poll for AM SRBs to 200ms.
Summary of change:	⌘	Created a new teststep ts_CRLC_RelReconfSRB_TimerPoll for release and reconfiguration SRB 1 to 4 with a timer poll of 800ms for AM SRB's.
Consequences if not approved:	⌘	TTCN implementation may fail a conformant UE.

Clauses affected:	⌘	tc_8_2_1_9

Other specs affected: ⌘

Y	N	
	X	Other core specifications
	X	Test specifications
	X	O&M Specifications

⌘

Other comments: ⌘ Similar changes are required for test case 8.2.1.8

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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:

Teststep	pr_GotoState6_5_Or6_7_MO_TimerPoll
Reason for change	As per 34.123-1 section 8.2.1.9.4 timer poll should be set as 800ms. In the TTCN during the creation of the cell, timer poll for AM SRBs is set to 800ms. However later after the reception of RRC Connection Release complete in the preamble, teststep ts_SS_RB1_ToRB4_Cfg is used which sets timer poll for AM SRBs to 200ms.
Summary of change	Created a new teststep ts_CRLC_RelReconfSRB_TimerPoll for release and reconfiguration SRB 1 to 4 with a timer poll of 800ms for AM SRB's.
Source of change	New change

Before :

Test Step

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@

...	La...	Behaviour Description	Constraint Ref	...	Comments
1		[px_RAT=fdd]			FDD specific behaviour
2		+ts_SS_CreateCellDCH_TimerPoll (p_CellId, p_TimerPoll)			Configure lower tester
3		+ts_SendDefSysInfo (p_CellId)			Sends the default system information in CellA
4		+ts_IdleUpdated (p_CellId)			Idle Update and bring UE to CELL_DCH state and release the connection again
5		[tcv_CN_Domain = ps_domain]			
6		+ts_AT_OrgPS_Call_RAB_DCH_ToFACH (p_CellId)			@sic OG 10/03/04 T1S040163 sic@
7		+ts_RRC_ConnEstPS_MO_P5_P6 (p_CellId)			
8		+ts_RRC_NAS_SessionActPS_MO_DCH_ToFACH (p_CellId)			@sic OG 10/03/04 T1S040163 sic@
9		[tcv_CN_Domain = cs_domain]			
10		+ts_AT_InitConnection (p_CellId)			
11		+ts_RRC_ConnEstCS_MO_P3_P4 (p_CellId)			
12		+ts_RRC_NAS_CallSetupCS_MO_P7_P8 (p_CellId)			
13	ERR1	[px_RAT=tdd]		I	TDD specific behaviour
14	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@

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		[px_RAT=fdd]			FDD specific behaviour
2		+ts_SS_CreateCellDCH_TimerPoll (p_CellId, p_TimerPoll)			Configure lower tester
3		+ts_SendDefSysInfo (p_CellId)			Sends the default system information in CellA
4		+ts_IdleUpdated (p_CellId)			Idle Update and bring UE to CELL_DCH state and release the connection again
5		+ts_CRLC_RelReconfSRB_TimerPoll(p_CellId, p_TimerPoll)			
6		[tcv_CN_Domain = ps_domain]			
7		+ts_AT_OrgPS_Call_RAB_DCH_ToFACH (p_CellId)			@sic OG 10/03/04 T1S04 0163 sic@
8		+ts_RRC_ConnEstPS_MO_P5_P6 (p_CellId)			
9		+ts_RRC_NAS_SessionActPS_MO_DCH_ToFACH (p_CellId)			@sic OG 10/03/04 T1S04 0163 sic@
10		[tcv_CN_Domain = cs_domain]			
11		+ts_AT_InitConnection (p_CellId)			
12		+ts_RRC_ConnEstCS_MO_P3_P4 (p_CellId)			
13		+ts_RRC_NAS_CallSetupCS_MO_P7_P8 (p_CellId)			
14	ERR1	[px_RAT=tdd]		I	TDD specific behaviour
15	ERR2	[TRUE]		I	

New **teststep:**

Test Step Id:	ts_CRLC_RelReconfSRB_TimerPoll (p_CellId : INTEGER; p_TimerPoll : TimerPoll)
Test Step Group Ref:	BasicM_SS_Configuration_Steps/
Objective:	To release RLC counter sequence number for SRB 1 to 4, by first releasing them and then setting them up again.
Defaults:	SS_Def
Comments:	This step is used only in conjonction with the RRC Connestion Release step. The configuration for SRBs 1 to 4 is the same as the one used for cell_DCH and cell_FACH.

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ ts_CRLC_Rel (tsc_CellDedicated, tsc_RB1)			
2		+ ts_CRLC_Rel (tsc_CellDedicated, tsc_RB2)			
3		+ ts_CRLC_Rel (tsc_CellDedicated, tsc_RB3)			
4		+ ts_CRLC_Rel (tsc_CellDedicated, tsc_RB4)			
5		+ ts_SS_RB1_ToRB4_CfgTimerPoll(tcv_TimerPoll)			

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1295 ⌘**rev** - ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘ Correction in TTCN to support Band II UE for UE capability Information		
Source:	⌘ 3GPP TSG RAN WG5 (Testing)		
Work item code:	⌘ N/A	***Date:*** ⌘	08/06/05
Category:	⌘ **F**	***Release:*** ⌘	Rel-5

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R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change: ⌘

As per 25.331 section 8.6.3.12:
"If the IE "Capability Update Requirement" is included the UE shall:
1> if the IE "UE radio access FDD capability update requirement" has the value TRUE:

.....

4> if the UE supports multiple UTRA FDD Frequency Bands; or
4> if the UE supports a single UTRA FDD Frequency Band different from Band I [21]:

5> store the IE "UE radio access capability", excluding IEs "RF capability FDD" and "Measurement capability";

5> store the IE "UE radio access capability extension", including the IEs "RF capability FDD extension" and the "Measurement capability extension" associated with each supported UTRA FDD frequency band indicated in the IE "Frequency band".

As per the above section reference in case UE supports any Band other than Band 1, UE will not include "RF capability FDD" and "Measurement capability" IE in "UE radio access capability" sent in RRC Connection Setup complete.

Also UE should include “RF capability FDD extension" and the "Measurement capability extension" associated with each supported UTRA FDD frequency band indicated in the IE "Frequency band".

In the TTCN implementation for the test case such as 8.1.2.1, 8.1.2.7, content of IE "RF capability FDD" is checked using PIXITS,

whereas for IE "Measurement capability" wild card "*" is used.

	Note: Similar changes are required for following test cases: 8.1.2.7, 8.1.12, 8.1.5.1, 8.1.5.4, 8.1.7.1, 8.1.7.1b, 8.1.7.1c, 8.1.7.1d, 8.1.7.2
Summary of change: ⌘	Following changes are done to the local tree lt_Receive_RRC_ConnSetupCompl: 1) Added check based on PIXIT px_FDD_OperationBand for the reception of RRC Connection Setup complete. 2) Created new constraint cr_RRC_RrcConnSetupCmplRadioCap_OtherThanBand1 and cr_RadioAccessCapabilityDef_OtherThanBand1, which checks for “RF capability FDD” and “Measurement capability”
Consequences if not approved:	⌘ TTCN implementation will fail a conformant UE.

Clauses affected:	⌘				
		Y	**N**		
Other specs Affected:	⌘		**X**	Other core specifications	⌘
		Y		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

TTCN Object Reference	tc_8_1_2_1, local tree lt_Receive_RRC_ConnSetupCompl
Reason for change	As per 25.331 section 8.6.3.12: "If the IE "Capability Update Requirement" is included the UE shall: 1> if the IE "UE radio access FDD capability update requirement" has the value TRUE: ..... 4> if the UE supports multiple UTRA FDD Frequency Bands; or 4> if the UE supports a single UTRA FDD Frequency Band different from Band I [21]: 5> store the IE "UE radio access capability", excluding IEs "RF capability FDD" and "Measurement capability"; 5> store the IE "UE radio access capability extension", including the IEs "RF capability FDD extension" and the "Measurement capability extension" associated with each supported UTRA FDD frequency band indicated in the IE "Frequency band". As per the above section reference in case UE supports any Band other than Band 1, UE will not include "RF capability FDD" and "Measurement capability" IE in "UE radio access capability" sent in RRC Connection Setup complete. Also UE should include “RF capability FDD extension" and the "Measurement capability extension" associated with each supported UTRA FDD frequency band indicated in the IE "Frequency band". In the TTCN implementation for the test case such as 8.1.2.1, 8.1.2.7, content of IE "RF capability FDD" is checked using PIXITS, whereas for IE "Measurement capability" wild card "*" is used. Note: Similar changes are required for following test cases: 8.1.2.7, 8.1.12, 8.1.5.1, 8.1.5.4, 8.1.7.1, 8.1.7.1b, 8.1.7.1c, 8.1.7.1d, 8.1.7.2
Summary of change	Following changes are done to the local tree lt_Receive_RRC_ConnSetupCompl: 1) Added check based on PIXIT px_FDD_OperationBand for the reception of RRC Connection Setup complete. 2) Created new constraint cr_RRC_RrcConnSetupCmplRadioCap_OtherThanBand1 and cr_RadioAccessCapabilityDef_OtherThanBand1, which checks for “RF capability FDD” and “Measurement capability”

Before:

It_Receive_RRC_ConnSetupCompl					
45		[pc_UMTS_GSM = TRUE]			
46	TBP3	AM?RLC_AM_DATA_IND (tcv_StartList := RLC_AM_DATA_IND.aM _message.uL_DCCH_Message.message.rrcConnectionSetupCo mplete.startList)	car_RRC_ConnSetupCmpl (tsc_CellDedicated , tsc_RB2, cr_RRC_RrcConnSetupCmplRadioCap (tcv_RRC_Ti, cr_RadioAccessCapabilityDef(tcv_PDCP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Receptio n, {cipheringAlgorithmCap tcv_CellIndInfo.cipher ingAlgorithmCapability, integrityProtectionAlgorithmCap tsc_IntegrPro tAlgCap}), ?))	(P)	step 6 GSM and UMTS @sic Joerg T1-040078r1 sic@
47		[TRUE]			
48	TP4	AM?RLC_AM_DATA_IND (tcv_StartList := RLC_AM_DATA_IND.aM _message.uL_DCCH_Message.message.rrcConnectionSetupCo mplete.startList)	car_RRC_ConnSetupCmpl (tsc_CellDedicated , tsc_RB2, cr_RRC_RrcConnSetupCmplRadioCap (tcv_RRC_Ti, cr_RadioAccessCapabilityDef(tcv_PDCP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Receptio n, {cipheringAlgorithmCap tcv_CellIndInfo.cipher ingAlgorithmCapability, integrityProtectionAlgorithmCap tsc_IntegrPro tAlgCap}), OMIT))	(P)	step 6 UMTS @sic Joerg T1-040078r1 sic@

After:

0		[pc_UMTS_GSM = TRUE]			
1		[px_FDD_OperationBand = 1]			
2	TBP3	AM?RLC_AM_DATA_IND (tcv_StartList := RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.rrcConnectionSetupComplete.startList)	car_RRC_ConnSetupCmpl (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}), ?))	(P)	step 6 GSM and UMTS @sic Joerg T1-040078r1 sic@
1		[TRUE]			
2	TBP3	AM?RLC_AM_DATA_IND (tcv_StartList := RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.rrcConnectionSetupComplete.startList)	car_RRC_ConnSetupCmpl (tsc_CellDedicated , tsc_RB2, cr_RRC_RrcConnSetupCmplRadioCap_OtherThanBand1 (tcv_RRC_Ti, cr_RadioAccessCapabilityDef_OtherThanBand1(tcv_PDCP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Reception , {cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability, integrityProtectionAlgorithmCap tsc_IntegrProtAlgCap}), ?)	(P)	step 6

0		[TRUE]			
1		[px_FDD_OperationBand = 1]			
2	TP4	AM?RLC_AM_DATA_IND (tcv_StartList := RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.rrcConnectionSetupComplete.startList)	car_RRC_ConnSetupCmpl (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))	(P)	step 6 UMTS @sic Joerg T1-040078r1 s
1		[TRUE]			
2	TP4	AM?RLC_AM_DATA_IND (tcv_StartList := RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.rrcConnectionSetupComplete.startList)	car_RRC_ConnSetupCmpl (tsc_CellDedicated , tsc_RB2, cr_RRC_RrcConnSetupCmplRadioCap_OtherThanBand1(tcv_RRC_Ti, cr_RadioAccessCapabilityDef_OtherThanBand1(tcv_PDCP_Capability, tcv_DL_TurboSupport, tcv_UL_TurboSupport, tcv_SimultaneousSCCPCH_DPCH_Reception , {cipheringAlgorithmCap tcv_CellIndInfo.cipheringAlgorithmCapability, integrityProtectionAlgorithmCap tsc_IntegrProtAlgCap}), OMIT))	(P)	step 6
Detailed Comment:					

New Constraint:

ASN.1 PDU Constraint Declaration	
Constraint Name:	cr_RRC_RrcConnSetupCmplRadioCap_OtherThanBand1 (p_RRC_Ti: RRC_TransactionIdentifier; p_UE_RadioAccessCapabilit y : UE_RadioAccessCapability; p_InterRAT_UE_RadioAccessCapabilityList : InterRAT_UE_RadioAccessCapabilityList)
Group:	
PDU Name:	UL_DCCH_Message
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	

Constraint Value

```
{ integrityCheckInfo OMIT,
  message rrcConnectionSetupComplete : {
    rrc_TransactionIdentifier p_RRC_Ti,
    startList ?,
    ue_RadioAccessCapability p_UE_RadioAccessCapability ,
    ue_RATSpecificCapability p_InterRAT_UE_RadioAccessCapabilityList ,
    v370NonCriticalExtensions
    {
      rrcConnectionSetupComplete_v370ext ?,
      v380NonCriticalExtensions *
    }
  }
}
```

ASN.1 Type Constraint Declaration	
Constraint Name:	cr_RadioAccessCapabilityDef_OtherThanBand1 (p_PDCP_Capability: PDCP_Capability; p_DL_TurboSupport: TurboSupport; p_UL_TurboSupport: TurboSupport; p_SimultaneousSCCPCH_DPCH_Reception: SimultaneousSCCPCH_DPCH_Reception; p_SecurityCapability: SecurityCapability)
Group:	
Type Name:	UE_RadioAccessCapability
Derivation Path:	
Encoding Variation:	
Comments:	

Constraint Value

```
{
 pdcp_Capability p_PDCP_Capability,
 rlc_Capability {
  totalRLC_AM_BufferSize px_TotalRLC_AM_BufferSize,
  maximumRLC_WindowSize px_MaxRLC_WindowSize,
  maximumAM_EntityNumber px_MaxAM_EntityNumberRLC_Cap
 },
 transportChannelCapability {
  dl_TransChCapability {
   maxNoBitsReceived px_DL_MaxTB_Bits,
   maxConvCodeBitsReceived px_DL_MaxCC_TB_Bits,
   turboDecodingSupport p_DL_TurboSupport,
   maxSimultaneousTransChs px_DL_MaxTrCHs,
   maxSimultaneousCCTrCH_Count px_DL_MaxCCTrCH,
   maxReceivedTransportBlocks px_DL_MaxTTI_TB,
   maxNumberOfTFC px_DL_MaxTFS,
   maxNumberOfTF px_DL_MaxTF
  },
  ul_TransChCapability {
   maxNoBitsTransmitted px_UL_MaxTB_Bits,
   maxConvCodeBitsTransmitted px_UL_MaxCC_TB_Bits,
   turboEncodingSupport p_UL_TurboSupport,
   maxSimultaneousTransChs px_UL_MaxTrCHs,
   modeSpecificInfo fdd: NULL,
   maxTransmittedBlocks px_UL_MaxTTI_TB,
```

```
    maxNumberOfTFC px_UL_MaxTFS,
    maxNumberOfTF px_UL_MaxTF
   }
  },
  rf_Capability {fddRF_Capability OMIT,
    tddRF_Capability OMIT},
  physicalChannelCapability {
   fddPhysChCapability
   {
    downlinkPhysChCapability {
     maxNoDPCH_PDSCH_Codes px_MaxNoDPCH_PDSCH_Codes,
     maxNoPhysChBitsReceived px_MaxNoPhysChBitsReceived,
     supportForSF_512 pc_SupportForSF_512,
     supportOfPDSCH pc_SupportOfPDSCH,
     simultaneousSCCPCH_DPCH_Reception p_SimultaneousSCCPCH_DPCH_Reception
    },
    uplinkPhysChCapability {
     maxNoDPDCH_BitsTransmitted px_MaxNoDPDCH_BitsTransmitted,
     supportOfPCPCH pc_SupportOfPCPCH
    }
   },
   tddPhysChCapability OMIT
  },
  ue_MultiModeRAT_Capability {
   multiRAT_CapabilityList {
    supportOfGSM pc_SupportOfGSM,
    supportOfMulticarrier pc_SupportOfMulticarrier
   },
   multiModeCapability fdd
  },
  securityCapability p_SecurityCapability,
  ue_positioning_Capability {
   standaloneLocMethodsSupported pc_UE_PositioningStandaloneLocMethodsSup,
   ue_BasedOTDOA_Supported pc_UE_PositioningBasedOTDOA_Sup,
   networkAssistedGPS_Supported px_UE_PositioningNetworkAssistedGPS_Sup,
   supportForUE_GPS_TimingOfCellFrames pc_UE_PositioningGPS_TimingOfCellFramesSup,
   supportForIPDL pc_UE_PositioningIPDL_Sup
  },
  measurementCapability OMIT
 }
```

Change 2

TTCN Object Reference	**cr_RadioAccessCapabilityDef**
Reason for change	In this constraint IE “Measurement capability” is checked against “*”. However as UE is requested for FDD capability, UE will transmit these IE’s.
Summary of change	Replaced check for IE “Measurement capability” with “?” instead of “*”

Before:

```
  measurementCapability(*)
 }
```

After:

```
  measurementCapability[0..1]
}
```

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1296 ⌘**rev** - ⌘ Current version: **5.0.0** ⌘

*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 value of periodic RA update timer IE in Attach Accept message
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	22/04/05
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	As per 24.008 Table 10.5.1.62: Value for ***'timer unit'*** bits 8, 7 and 6 need to be set to ***'111***' to indicate that the timer is deactivated. In TTCN implementation incorrect value ***'000'*** used to deactivate the timer.
Summary of change:	⌘	TTCN implementation for following PDU Constraint Declaration is changed To set GPRS Timer Unit to '111'B 1. cs_AttachAcc2 2. cs_AttachAcc2b 3. cs_AttachAcc4 4. cs_AttachAcc6
Consequences if not approved:	⌘	TTCN implementation will be as per core specification.

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

	X	O&M Specifications

Other comments: ⌘

How to create CRs using this form:

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

Change 1

TTCN Object Reference	Following four PDU Constraint Declarations 1. cs_AttachAcc2 2. cs_AttachAcc2b 3. cs_AttachAcc4 4. cs_AttachAcc6
Reason for change	As per 24.008 Table 10.5.1.62: Value for ***'timer unit'*** bits 8, 7 and 6 need to be set to ***'111***' to indicate that the timer is deactivated. In TTCN implementation incorrect value ***'000'*** used to deactivate the timer.
Summary of change	TTCN implementation of the above mentioned PDU Constraint Declaration is changed to set GPRS Timer Unit to '111'B.

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1297 ⌘**rev** - ⌘ Current version: **5.0.0** ⌘

*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 Order of AT commands used for initiation of PS call		
Source:	⌘ 3GPP TSG RAN WG5 (Testing)		
Work item code:	⌘ N/A	***Date:*** ⌘	22/04/05
Category:	⌘ **F**	***Release:*** ⌘	Rel-5
	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: ⌘	In the test step ts_AT_OrgPS_Call first AT+CGEQREQ is used to setup the QoS for context ID 1 and then AT+CGDCONT is called to define the context. As per 27.007 section 10.1.4 "Quality of Service Profile (Requested) +CGQREQ": The set command specifies a profile for the context identified by the (local) context identification parameter, <cid>. Since this is the same parameter that is used in the +CGDCONT and +CGDSCONT commands, the +CGQREQ command is effectively an extension to these commands. As per the above section reference the QOS for a context cannot be set before the context is defined. Thus order of AT commands needs to be swapped.
Summary of change: ⌘	In the test step ts_AT_OrgPS_Call order of AT commands is swapped. Similar changes are required for the following test steps: 1. ts_AT_OrgPS_Call_RAB_DCH_ToFACH 2. ts_AT_OrgPS_CallBackgrd
Consequences if ⌘	TTCN implementation will be as per TS 27.007.

not approved:	

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

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2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

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

Change 1

TTCN Object Reference	ts_AT_OrgPS_Call
Reason for change	In the test step ts_AT_OrgPS_Call first AT+CGEQREQ is used to setup the QoS for context ID 1 and then AT+CGDCONT is called to define the context. As per 27.007 section 10.1.4 "Quality of Service Profile (Requested) +CGQREQ": The set command specifies a profile for the context identified by the (local) context identification parameter, <cid>. Since this is the same parameter that is used in the +CGDCONT and +CGDSCONT commands, the +CGQREQ command is effectively an extension to these commands. As per the above section reference the QOS for a context cannot be set before the context is defined. Thus order of AT commands needs to be swapped.
Summary of change	In the test step ts_AT_OrgPS_Call order of AT commands is swapped. Similar changes are required for the following test steps: 1. ts_AT_OrgPS_Call_RAB_DCH_ToFACH 2. ts_AT_OrgPS_CallBackgrd

Before:

1	[pc_AT_SupportToInit_PS_Call = TRUE]			USE complete set of AT commands.
2	+ts_AT_SetQoS			@sic T1s-04XXXX-QOS min QOS Removed sic@
3	+ It_AssignAT_Cmd			
4	Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
5	Ut ? AT_CmdCnf	ca_AT_CmdCnf		

After:

1	[pc_AT_SupportToInit_PS_Call = TRUE]			USE complete set of AT commands.
2	+ It_AssignAT_Cmd			
3	Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		
4	Ut ? AT_CmdCnf	ca_AT_CmdCnf		
5	+ts_AT_SetQoS			@sic T1s-04XXXX-QOS min QOS Removed sic@

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1298** ⌘**rev** **-** ⌘ Current version: **5.0.0** ⌘

*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 testcase 8.1.7.1b
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	03/05/05
Category:	⌘	**F**
Release:	⌘	Rel-5

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) As per 34.123-1 specific message for Security mode command message sent at step 6, RRC SN for SRB 2 should be set to "0" in IE "Downlink integrity protection activation info'". However in the TTCN testcase variable tcv_RRC_MSN_RB2 is used which is initialized with current RRC SN for SRB 2. 2) The Security Mode Command message transmitted at Step 6 should also be integrity protected as per the new integrity configuration. Thus Count I for the SRB 2 needs to be updated.
Summary of change:	⌘	1) At line no: 52 of the testcase parameter tcv_RRC_MSN_RB2 is replaced with "0". 2) At line no: 42 of the testcase teststep 'ts_SetRRC_Count_I' is called to set RRC SN to 0 and increment HFN by 1 for SRB 2.
Consequences if not approved:	⌘	Inconsistency will between 34.123-1 and TTCN implementation.

Clauses affected:	⌘	tc_8_1_7_1b

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:

Testcase	tc_8_1_7_1b, It_InitSecurityVariables
Reason for change	As per 34.123-1 specific message for Security mode command message sent at step 6, RRC SN for SRB 2 should be set to “0” in IE “Downlink integrity protection activation info”. However in the TTCN testcase variable tcv_RRC_MSN_RB2 is used which is initialized with current RRC SN for SRB 2.
Summary of change	At line no: 52 of the testcase parameter tcv_RRC_MSN_RB2 is replaced with “0”.
Source of change	New change

Before :

51		+ts_GetRRC_MessageSN (tsc_CellA)			
52		(tcv_CellIndInfo.dL_Integrity := cs_IntegrityProtectModify_P(tcv_RRC_MSN_RB0 , tcv_RRC_MSN_RB1 , tcv_RRC_MSN_RB2, tcv_RRC_MSN_RB3, tcv_RRC_MSN_RB4) , tcv_Int_ModifyFlag := TRUE)			Modify integrity
53		[NOT tcv_CellIndInfo.integrityStarted]			

After :

51		+ts_GetRRC_MessageSN (tsc_CellA)			
52		(tcv_CellIndInfo.dL_Integrity := cs_IntegrityProtectModify_P(tcv_RRC_MSN_RB0 , tcv_RRC_MSN_RB1 , 0, tcv_RRC_MSN_RB3, tcv_RRC_MSN_RB4) , tcv_Int_ModifyFlag := TRUE)			Modify integrity
53		[NOT tcv_CellIndInfo.integrityStarted]			

Change 2:

Testcase	tc_8_1_7_1b, It_SS_ValidSecurity
Reason for change	The Security Mode Command message transmitted at Step 6 should also be integrity protected as per the new integrity configuration. Thus Count I for the SRB 2 needs to be updated.
Summary of change	At line no: 42 of the testcase teststep ‘ts_SetRRC_Count_I’ is called to set RRC SN to 0 and increment HFN by 1 for SRB 2.
Source of change	New change

Before :

It_SS_ValidSecurity					
40		+ It_InitSecurityVariables			
41		+ ts_SS_DownloadSecurityKey (tsc_CellA, tcv_PS_AuthCK, tcv_PS_AuthIK,OMIT,tcv_CN_Domain)			
42		+ ts_CRLC_GetRLC_SeqNumSecurity (tsc_CellA)			

After :

It_SS_ValidSecurity					
40		+ It_InitSecurityVariables			
41		+ ts_SS_DownloadSecurityKey (tsc_CellA, tcv_PS_AuthCK, tcv_PS_AuthIK,OMIT,tcv_CN_Domain)			
42		+ts_SetRRC_Count_I (tsc_RB2, OMIT , 0 , OMIT, (tcv_RRC_DL_Count_I_MSB+1))			SET on SS the DL RRC MSQN for RB2 as 0 and HFN incremented
43		+ ts_CRLC_GetRLC_SeqNumSecurity (tsc_CellA)			

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1299** ⌘ **rev** **-** ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Regression Error Report based on wk17ATS
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	21/03/2005
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	Errors were identified during the wk17 ATS regression testing
Summary of change:	⌘	Lists all the changes required to pass certain testcases that failed during the regression Test.
Consequences if not approved:	⌘	Conformant UE's may fail these test cases

Clauses affected:	⌘				
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 reques

NAS ATS

tc_12_4_1_1b and tc_12_9_9

Test step name	tc_12_4_1_1b and tc_12_9_9
Reason for change	Necessary to pass a structured constraint for the Quality of Service parameter instead of the wildcard '?' after the addition of optional elements (spare3, signallingInd, …) in "QualityOfService_lv" (R5s050095)
Summary of change	Used constraint "cr_ActPDP_ContextReqMO_Any" as parameter for the quality of service instead of "cr_ActPDP_ContextReqMO (?)" in test cases tc_12_4_1_1b (lines 30 and 40) and tc_12_9_9 (line 45).
Source of change	New change
Label	WA#NAS4819

Before :

Test Case	
Test Case Id:	tc_12_4_1_1b
Test Group Reference:	GMM/Routing_Area_updating/PS_only_RAU/
Purpose:	To test the behaviour of the UE if the UE receives a RRC CONNECTION RELEASE message with cause 'Direct signalling connection re-establishment'
Configuration:	
Defaults:	NAS_OtherwiseFail
Comments:	Initial conditions - SS : One cell operating in network operation mode I and ATT flag is set to 0 - UE : The UE has a valid TMSI, P-TMSI and RAI

Nr	...	Behaviour Description	Constraint Ref	V...	Comments
lt_ServiceRequest_Steps_7To11					
26		+ts_RRC_ConnEst(tsc_CellA, est_MO, ?)			Establishment cause not checked
27		Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_ServiceRequest(c_ServiceTypeSignalling, c_MobileIdPTMSI_lv (tcv_AssignedPTMSI), tcv_PS_KeySeq))		Step 7. SERVICE REQUEST - Service type is 'signalling' - Mobile Id is current P-TMSI
28		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)			
29		+ts_GMM_AuthenticateAndStartIntegrityProtection (tsc_CellA)			
30		Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqMO (?))		Receive PDP Context Activation Request
31		+ts_RRC_ConnRelCau(tsc_CellA, cell_Dch, directedsignallingconnectionre_establishment)			Step 11 @sic RASH ER1973 sic@
32		+ ts_AT_ReceiveCmdCnfAny			@sic VB T1s-040567 sic@
lt_RAUpd_13To18					

37		Dc ! RRC_DataReq (tcv_AssignedPTMSI := px_PTMSI_Def, tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_RA_UpdAcc(c_GMM_UpdateResultRA_Updated, c_RAI_Def_v, c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))	Step 17. ROUTING AREA UPDATING ACCEPT - Update result = 'RA updated' - RAI default - P-TMSI-1 - P-TMSI-1 signature
38		Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_RA_UpdComplete)	ROUTING AREA UPDATING COMPLETE @sic EW R5s050095 sic@
39		START t_WaitS (3)		@sic VB T1s040567 sic@
40		Dc ? RRC_DataInd CANCEL t_WaitS	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqMO (?))	Receive PDP Context Activation Request @sic VB T1s040567 sic@
41		+ts_RRC_ConnRel(tsc_CellA, cell_Dch)		@sic VB T1s040567 sic@
42		?TIMEOUT t_WaitS		@sic VB T1s040567 sic@
43		+ts_RRC_ConnRel(tsc_CellA, cell_Dch)		@sic VB T1s040567 sic@
lt_InitialConditions				
44		(tcv_CellInfoA.attFlag := tsc_AttOn)		@sic VB Sasken OnA followin

Test Case	
Test Case Id:	tc_12_9_9
Test Group Reference:	GMM/ServiceRequest_procedures/
Purpose:	To test the behaviour of the UE in case of collision between Routing Area Update procedure and Service Request procedure.
Configuration:	
Defaults:	NAS_OtherwiseFail
Comments:	Initial conditions - SS : Two cells operating in network operation mode II - UE : The UE has a validP-TMSI, P_TMSI signature, RAI and GPRS ciphering key sequence number

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

43		Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_RA_UpdComplete)	Step 12. ROUTING AREA UPDATING COMPLETE @sic EW R5s050095 sic@
44		START t_WaitS (3)		@sic VB R5s05008 sic@
45		Dc ? RRC_DataInd CANCEL t_WaitS	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqMO (?))	Receive PDP Context Activation Request @sic VB R5s05008 sic@
46		+ts_SetTI_Rsp(tcv_TI_S)		@sic VB R5s05008 sic@
47		Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_ActPDP_ContextRejMT (tcv_TI_S, cb_SM_Cause_v('1F'O), -))	@sic VB R5s05008 sic@
48		+ts_RRC_ConnRel(tsc_CellA, cell_Dch)		@sic VB R5s05008 sic@
49		?TIMEOUT t_WaitS		@sic VB R5s05008 sic@
50		+ts_RRC_ConnRel(tsc_CellA, cell_Dch)		@sic VB R5s05008 sic@
lt_LoopModeC_A				

After :

Test Case	
Test Case Id:	tc_12_4_1_1b
Test Group Reference:	GMM/Routing_Area_updating/PS_only_RAU/
Purpose:	To test the behaviour of the UE if the UE receives a RRC CONNECTION RELEASE message with cause 'Direct signalling connection re-establishment'
Configuration:	
Defaults:	NAS_OtherwiseFail
Comments:	Initial conditions - SS : One cell operating in network operation mode I and ATT flag is set to 0 - UE : The UE has a valid TMSI, P-TMSI and RAI

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

It_ServiceRequest_Steps_7To11				
26		+ts_RRC_ConnEst(tsc_CellA, est_MO, ?)		Establishment cause not checked
27		Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_ServiceRequest(c_ServiceTypeSignalling, c_MobileIdPTMSI_lv (tcv_AssignedPTMSI), tcv_PS_KeySeq))	Step 7. SERVICE REQUEST - Service type is 'signalling' - Mobile Id is current P-TMSI
28		+ ts_SS_SecurityDownloadStart (ps_domain, tcv_Start)		
29		+ts_GMM_AuthenticateAndStartIntegrityProtection (tsc_CellA)		
30		Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqMO_Any)	Receive PDP Context Activation Request WA#NAS4819
31		+ts_RRC_ConnRelCau(tsc_CellA, cell_Dch, directedsignallingconnectionre_establishment)		Step 11 @sic RASH ER1973 sic@
32		+ ts_AT_ReceiveCmdCnfAny		@sic VB T1s-040567 sic@
It_RAUpd_13To18				

		tcv_AuthKeyGSM, FALSE, ps_domain)		
37		Dc ! RRC_DataReq (tcv_AssignedPTMSI := px_PTMSI_Def, tcv_Assigned_PTMSI_Sig := px_PTMSI_SigDef)	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_RA_UpdAcc(c_GMM_UpdateResultRA_Updated, c_RAI_Def_v, c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))	Step 17. ROUTING AREA UPDATING ACCEPT - Update result = 'RA updated' - RAI default - P-TMSI-1 - P-TMSI-1 signature
38		Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_RA_UpdComplete)	ROUTING AREA UPDATING COMPLETE @sic EW R5s050095 sic@
39		START t_WaitS (3)		@sic VB T1s040567 sic@
40		Dc ? RRC_DataInd CANCEL t_WaitS	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqMO_Any)	Receive PDP Context Activation Request @sic VB T1s040567 sic@ WA#NAS4819
41		+ts_RRC_ConnRel(tsc_CellA, cell_Dch)		@sic VB T1s040567 sic@
42		?TIMEOUT t_WaitS		@sic VB T1s040567 sic@
43		+ts_RRC_ConnRel(tsc_CellA, cell_Dch)		@sic VB T1s040567 sic@
It_InitialConditions				
44		(tcv_CellInfoA.attFlag := tsc_AttOn)		@sic VB Sasken OpA following OpC sic@

Test Case	
Test Case Id:	tc_12_9_9
Test Group Reference:	GMM/ServiceRequest_procedures/
Purpose:	To test the behaviour of the UE in case of collision between Routing Area Update procedure and Service Request procedure.
Configuration:	
Defaults:	NAS_OtherwiseFail
Comments:	Initial conditions - SS : Two cells operating in network operation mode II - UE : The UE has a validP-TMSI, P_TMSI signature, RAI and GPRS ciphering key sequence number

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

42	Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_RA_UpdAcc(c_GMM_UpdateResultRA_Updated, c_RAI_v(tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))	Step 11. ROUTING AREA UPDATE ACCEPT - Update result = 'RA updated' - new RAI corresponding to cell A - P-TMSI-1 - P-TMSI-1 signature
43	Dc ? RRC_DataInd	car_PS_UplinkDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_RA_UpdComplete)	Step 12. ROUTING AREA UPDATING COMPLETE @sic EW R5s050095 sic@
44	START t_WaitS (3)		@sic VB R5s05008 sic@
45	Dc ? RRC_DataInd CANCEL t_WaitS	car_PS_UplinkDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_ActPDP_ContextReqMO_Any)	Receive PDP Context Activation Request @sic VB R5s05008 sic@ WA#NAS4819
46	+ts_SetTI_Rsp(tcv_TI_S)		@sic VB R5s05008 sic@
47	Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated, tsc_RB3, cs_ActPDP_ContextRejMT (tcv_TI_S, cb_SM_Cause_v('1F'O), -))	@sic VB R5s05008 sic@
48	+ts_RRC_ConnRel(tsc_CellA, cell_Dch)		@sic VB R5s05008 sic@
49	?TIMEOUT t_WaitS		@sic VB R5s05008 sic@

tc_9_4_5_4_6

Test step name	tc_9_4_5_4_6
Reason for change	The constraint c_EquivalentPLMN for the equivalentPLMN field present inside tabular PDU constraint c_LocUpdAcpEqPLMN is passed as a parameter . Instead of using the parametrised constraint , it uses c_EPLMN_List which is incorrect.
Summary of change	Changed from c_EPLMN_List to p_EPLMN in the element value for equivalentPLMN field present inside tabular PDU constraint c_LocUpdAcpEqPLMN for LOCATIONUPDATINGACCEPT message.
Source of change	New change
Label	WA#NAS4728

Before

PDU Constraint Declaration	
Constraint Name:	c_LocUpdAcpEqPLMN(p_MobileId: MM_MS_Identity; p_MCC, p_MNC: HEXSTRING; p_LAC: OCTETSTRING; p_EPLMN: PLMN_List)
Group:	
PDU Name:	LOCATIONUPDATINGACCEPT
Derivation Path:	
Encoding Rule Name:	
Encoding Variation:	
Comments:	@sic EW R5s050095 sic@

Field Name	Element Value	Type Encoding	Comments
skipIndicator	'0000'B		
mMProtocolDiscriminator	'0101'B		
msgType	'00000010'B		
locAreaId	c_LocAreaId_v(p_MCC, p_MNC,p_LAC)		
mobileId	p_MobileId		
followOnProceed	-		
cTSPerm	-		
equivalentPLMN	c_EPLMN_List		
emergNumList	-		

After

PDU Constraint Declaration			
Constraint Name:	c_LocUpdAcpEqPLMN(p_MobileId: MM_MS_Identity; p_MCC, p_MNC: HEXSTRING; p_LAC: OCTETSTRING; p_EPLMN: PLMN_List)		
Group:			
PDU Name:	LOCATIONUPDATINGACCEPT		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	@sic EW R5s050095 sic@		
Field Name	**Element Value**	**Type Encoding**	**Comments**
skipIndicator	'0000'B		
mMProtocolDiscriminator	'0101'B		
msgType	'00000010'B		
locAreaId	c_LocAreaId_v(p_MCC, p_MNC,p_LAC)		
mobileId	p_MobileId		
followOnProceed	-		
cTSPerm	-		
equivalentPLMN	p_EPLMN		WA#NAS4728
emergNumList	-		

RAB ATS

ts_Subtests_1_to_9_tc_14_2_58a

Test step name	ts_Subtests_1_to_9_tc_14_2_58a
Reason for change	TTCN error: at line 4 (subtest 4), the TFC list for DL is wrong, it has to be 0,1,**4**,10 and 14 instead of 0,1,**3**,10 and 14.
Summary of change	Used right constraint.
Source of change	New change
Label	WA#RAB4524

Before:

Test Step					
Test Step Id:	ts_Subtests_1_to_9_tc_14_2_58a(p_Data_String : BITSTRING)				
Test Step Group Ref:	RB_Steps/RB_Subtests/				
Objective:					
Defaults:					
Comments:					
...	...	**Behaviour Description**	...	...	**Comments**

3		+ts_RB_SubTest_RAB_SRB_RB20_Special_3(c_TFC_Allowed_0_1_2_4_5, c_TFC_Allowed_0_1_3_10_13, c_UE_TestLoopMode1_LB_Setup2 (312,tsc_RB20, 312, tsc_RB22), c_RAB_Tx_Info (p_Data_String, 1, c_RB_Tx_Info(tsc_RB20,1912,60), OMIT, OMIT, OMIT), 40, 1)					Subtest 3 Steps 11-17
4		+ts_RB_SubTest_RAB_SRB_RB20_Special_3(c_TFC_Allowed_0_1_2_4_5, c_TFC_Allowed_0_1_3_10_14, c_UE_TestLoopMode1_LB_Setup2 (312,tsc_RB20, 312, tsc_RB22), c_RAB_Tx_Info (p_Data_String, 1, c_RB_Tx_Info(tsc_RB20,2552,60), OMIT, OMIT, OMIT), 40, 1)					Subtest 4 Steps 11-17
5		+ ts_RB_SubTest_RAB_SRB_RB22 (c_TFC_Allowed_0_1_2_4_6, c_TFC_Allowed_0_5_10_15, c_UE_TestLoopMode1_LB_Setup2 (312,tsc_RB20, 312, tsc_RB22), c_RAB_Tx_Info (p_Data_String, 1, c_RB_Tx_Info(tsc_RB22, 312, 30), OMIT, OMIT, OMIT), 40)					Subtest5 Steps 11-17

After:

Test Step	
Test Step Id:	ts_Subtests_1_to_9_tc_14_2_58a(p_Data_String : BITSTRING)
Test Step Group Ref:	RB_Steps/RB_Subtests/
Objective:	
Defaults:	
Comments:	

...	...	Behaviour Description	...	...	Comments
3		+ts_RB_SubTest_RAB_SRB_RB20_Special_3(c_TFC_Allowed_0_1_2_4_5, c_TFC_Allowed_0_1_3_10_13, c_UE_TestLoopMode1_LB_Setup2 (312,tsc_RB20, 312, tsc_RB22), c_RAB_Tx_Info (p_Data_String, 1, c_RB_Tx_Info(tsc_RB20,1912,60), OMIT, OMIT, OMIT), 40, 1)			Subtest 3 Steps 11-17
4		+ts_RB_SubTest_RAB_SRB_RB20_Special_3(c_TFC_Allowed_0_1_2_4_5, c_TFC_Allowed_0_1_4_10_14, c_UE_TestLoopMode1_LB_Setup2 (312,tsc_RB20, 312, tsc_RB22), c_RAB_Tx_Info (p_Data_String, 1, c_RB_Tx_Info(tsc_RB20,2552,60), OMIT, OMIT, OMIT), 40, 1)			Subtest 4 Steps 11-17 WA#RAB4524
5		+ ts_RB_SubTest_RAB_SRB_RB22 (c_TFC_Allowed_0_1_2_4_6, c_TFC_Allowed_0_5_10_15, c_UE_TestLoopMode1_LB_Setup2 (312,tsc_RB20, 312, tsc_RB22), c_RAB_Tx_Info (p_Data_String, 1, c_RB_Tx_Info(tsc_RB22, 312, 30), OMIT, OMIT, OMIT), 40)			Subtest5 Steps 11-17

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1300 ⌘**rev** - ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Correction in TTCN to enable ciphering for 3G to 2G handover.
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	22/04/05
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	To correct TTCN to execute test case 8.3.7.1 with ciphering turned on.
Summary of change:	⌘	1) Cipher the Routing Area Update Accept message if ciphering is turn on. 2) Set tcv_GPRS_CipherAlg to px_CipherAlg during the Authentication procedure.
Consequences if not approved:	⌘	The test case will fail a conformant UE when ciphering is turn on.

Clauses affected:	⌘	

		Y	N		
Other specs affected:	⌘		X	Other core specifications	⌘
		Y		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	ts_U2GCellChange_RAUpdate
Reason for change	Routing Area Update Accept message needs to be ciphered if ciphering is turn on.
Summary of change	If ciphering is turn on activate GPRS ciphering before sending Routing Area Update Accept.
Source of change	New Change.

Before:

Test Step				
Test Step Id:	ts_U2GCellChange_RAUpdate(p_CellId : CellId; p_PhysicalChId : PhysicalChId; p_FOR : B1; p_Type : B3)			
Test Step Group Ref:	GPRS_Specific/			
Objective:				
Defaults:	IntersystemGPRS			
Comments:	Assumes channel combination 13 (no PBCCH)			
Nr	Label	Behaviour Description	Constraint Ref	Verdict
1		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
2		G_LLC ? G_LLC_UNITDATA_IND (tcv_TmpRAU_ReqPDU := G_LLC_UNITDATA_IND.msg, tcv_TmpB3 := tcv_TmpRAU_ReqPDU.updateType.value)	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(p_FOR , p_Type), ?, ?))	
3		+It_SendAccept		
4		G_LLC ? G_LLC_UNITDATA_IND (tcv_TmpRAU_ReqPDU := G_LLC_UNITDATA_IND.msg, tcv_TmpB3 := tcv_TmpRAU_ReqPDU.updateType.value)	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(?, ?), ?, ?))	(F)
5		+It_SendAccept		
It_SendAccept				
6		+ts_DownlinkTBFEstablishment(p_CellId, p_PhysicalChId, bcch)		
7		G_LLC ! G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEEntity, tcv_TLLI, tsc_LLCSapi_GMM, tsc_LLC_PM, tsc_LLC_NoCiph, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAI_v (tcv_G_CellInfoA.mcc, tcv_G_CellInfoA.mnc, tcv_G_CellInfoA.lac, tcv_RAC), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))	
8		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
9		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cr_RA_UpdComplete)	

After:

Test Step	
Test Step Id:	ts_U2GCellChange_RAUpdate(p_CellId : CellId; p_PhysicalChId : PhysicalChId; p_FOR : B1; p_Type : B3)
Test Step Group Ref:	GPRS_Specific/
Objective:	
Defaults:	IntersystemGPRS
Comments:	Assumes channel combination 13 (no PBCCH)

Ind	Label	Behaviour Description	Constraint Ref	Verdict
0		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
1		G_LLC ? G_LLC_UNITDATA_IND (tcv_TmpRAU_ReqPDU := G_LLC_UNITDATA_IND.msg, tcv_TmpB3 := tcv_TmpRAU_ReqPDU.updateType.value)	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(p_FOR , p_Type), ?, ?))	
2		+lt_SendAccept		
3		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
4		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cr_RA_UpdComplete)	
1		G_LLC ? G_LLC_UNITDATA_IND (tcv_TmpRAU_ReqPDU := G_LLC_UNITDATA_IND.msg, tcv_TmpB3 := tcv_TmpRAU_ReqPDU.updateType.value)	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(?, ?), ? , ?))	(F)
2		+lt_SendAccept		
3		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
4		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cr_RA_UpdComplete)	

lt_SendAccept				
0		[NOT px_CipheringOnOff]		
1		+ts_DownlinkTBFEstablishment(p_CellId, p_PhysicalChId, bcch)		
2		G_LLC ! G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEEntity, tcv_TLLI, tsc_LLCSapi_GMM, tsc_LLC_PM, tsc_LLC_NoCiph, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAI_v (tcv_G_CellInfoA.mcc, tcv_G_CellInfoA.mnc, tcv_G_CellInfoA.lac, tcv_RAC), c_PTMSI_Signature (px_PTMSI_SigDef) , c_MobileIdPTMSI (px_PTMSI_Def), -))	
0		[px_CipheringOnOff]		
1		+ts_LLC_TLLI_Assign(p_CellId, tcv_oldTLLI, tcv_TLLI, px_CipherAlg)		
2		+ts_DownlinkTBFEstablishment(p_CellId, p_PhysicalChId, bcch)		
3		G_LLC ! G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEEntity, tcv_TLLI, tsc_LLCSapi_GMM, tsc_LLC_PM, tsc_LLC_Cipher, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAI_v(tcv_G_CellInfoA.mcc, tcv_G_CellInfoA.mnc, tcv_G_CellInfoA.lac, tsc_RAC_Def), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))	

Change 2

Local Tree and Test step	ts_GMM_Authentication
Reason for change	At the time of performing Authentication tcv_GPRS_CipherAlg should be set with px_CipherAlg, as the same variable will be used to perform ciphering on GPRS message.
Summary of change	Set tcv_GPRS_CipherAlg with px_CipherAlg.
Source of change	New change.

Before:

Test Step				
Test Step Id:	ts_GMM_Authentication (p_CellId : INTEGER)			
Test Step Group Ref:	BasicM_MM_GMM_Steps/			
Objective:	Generate authentication paramters and run the GMM Authentication procedure			
Defaults:	NAS_OtherwiseFail			
Comments:				
Ind	Label	Behaviour Description	Constraint Ref	Verdict
0		+ts_GMM_AuthenticationInit		
1		Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated , tsc_RB3, cs_AuthAndCiphReq (c_GMM_AuthRAND(tcv_AuthRAND), c_GMM_KeySeq_tv(tcv_PS_KeySeq), c_GMM_AuthAUTN(tcv_AuthAUTN)))	
2		Dc ? RRC_DataInd (tcv_TmpAuthAndCiphRspPDU := RRC_DataInd.msg, tcv_AuthRsp := tcv_TmpAuthAndCiphRspPDU.authRsp.value, tcv_AuthRspExt := tcv_TmpAuthAndCiphRspPDU.authRspExt)	car_PS_UplinkDirectTransfer (tsc_CellDedicated , tsc_RB3, cr_AuthAndCiphRsp (c_AuthRspAny_tv,c_AuthCiphRspExtAny))	
3		(tcv_Res := o_AuthRspChk(tcv_AuthRsp, tcv_AuthRspExt, tcv_AuthK, tcv_AuthRAND, TRUE))		
4	TSF1	[tcv_Res = FALSE]		(F)
4	TSP1	[tcv_Res = TRUE]		(P)

After:

Test Step	
Test Step Id:	ts_GMM_Authentication (p_CellId : INTEGER)
Test Step Group Ref:	BasicM_MM_GMM_Steps/
Objective:	Generate authentication paramters and run the GMM Authentication procedure
Defaults:	NAS_OtherwiseFail
Comments:	

Ind	Label	Behaviour Description	Constraint Ref	Verdict
0		+ts_GMM_AuthenticationInit		
1		(tcv_GPRS_CipherAlg := px_CipherAlg)		
2		Dc ! RRC_DataReq	ca_PS_DataReq(tsc_CellDedicated , tsc_RB3, cs_AuthAndCiphReq (c_GMM_AuthRAND(tcv_AuthRAND), c_GMM_KeySeq_tv(tcv_PS_KeySeq), c_GMM_AuthAUTN(tcv_AuthAUTN)))	
3		Dc ? RRC_DataInd (tcv_TmpAuthAndCiphRspPDU := RRC_DataInd.msg, tcv_AuthRsp := tcv_TmpAuthAndCiphRspPDU.authRsp.value, tcv_AuthRspExt := tcv_TmpAuthAndCiphRspPDU.authRspExt)	car_PS_UplinkDirectTransfer (tsc_CellDedicated , tsc_RB3, cr_AuthAndCiphRsp (c_AuthRspAny_tv,c_AuthCiphRspExtAny))	
4		(tcv_Res := o_AuthRspChk(tcv_AuthRsp, tcv_AuthRspExt, tcv_AuthK, tcv_AuthRAND, TRUE))		
5	TSF1	[tcv_Res = FALSE]		(F)

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1301** ⌘**rev** **-** ⌘ Current version: **5.0.0** ⌘

*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 testcases 8.1.3.3 and 8.1.3.4
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	22/04/05
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	In the TTCN, test step ts_GotoState6_2_Or6_4_MO, transmits Service Reject message on SRB3 and later at step 2 RRC Connection Release is transmitted on SRB1. Due to the difference in priority assigned to these SRB's, UE may sometimes receive Service Reject after RRC Connection Release message. A delay of 100ms is required to ensure that UE first receives Service Reject message and then RRC Connection Release.
Summary of change:	⌘	Added a delay for 100ms before step 2 to ensure that that NAS message reaches UE before the RRC Connection Release.
Consequences if not approved:	⌘	Test case without this change may fail a conformant UE.

Clauses affected:	⌘	tc_8_1_3_3, tc_8_1_3_4

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

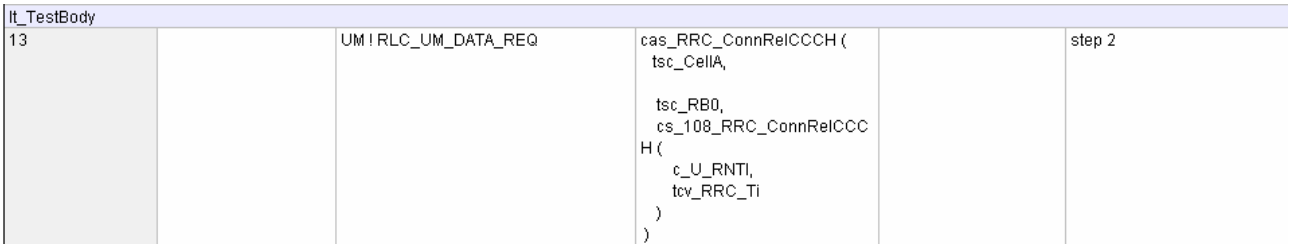
with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

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.

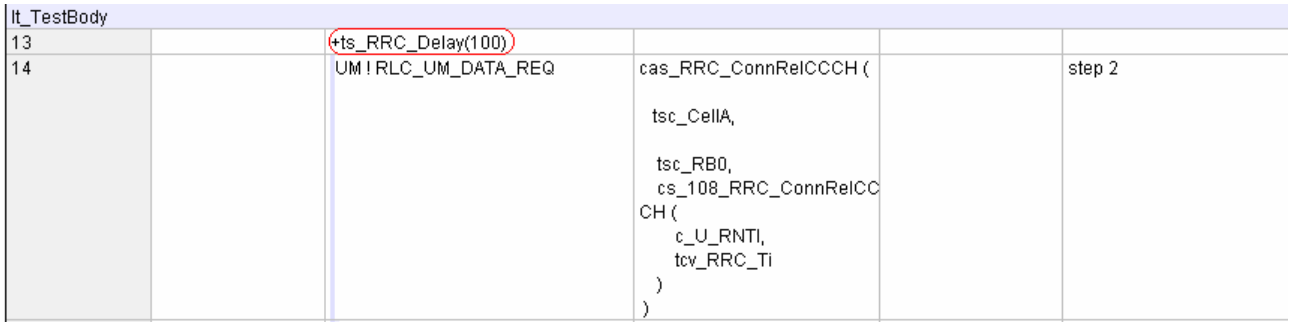
Change 1:

Testcase	tc_8_1_3_3
Reason for change	In the TTCN, test step ts_GotoState6_2_Or6_4_MO, transmits Service Reject message on SRB3 and later at step 2 RRC Connection Release is transmitted on SRB1. Due to the difference in priority assigned to these SRB's, UE may sometimes receive Service Reject after RRC Connection Release message. A delay of 100ms is required to ensure that UE first receives Service Reject message and then RRC Connection Release.
Summary of change	Added a delay for 100ms before step 2 to ensure that that NAS message reaches UE before the RRC Connection Release.
Source of change	New change

Before :



After :



Change 2:

Testcase	tc_8_1_3_4
Reason for change	In the TTCN from the test step ts_GotoState6_2_Or6_4_MO Service Reject message at is transmitted on SRB3 and RRC Connection Release at Step 2 is transmitted on SRB1. Due to the difference in priority assigned to these SRB's, UE may sometimes receive Service Reject after RRC Connection Release message. A delay of 100ms is required to ensure that UE first receives Service Reject message and then RRC Connection Release.
Summary of change	Added a delay for 100ms before step 2 to ensure that that NAS message reaches UE before the RRC Connection Release.
Source of change	New change

Before :

lt_TestBody					
14		UM ! RLC_UM_DATA_REQ	cas_RRC_ConnRelDCCH (tsc_CellDedicated , tsc_RB1, cs_RRC_ConnRelDCCH_Cau(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti,OMIT, normalEvent))		step 2; SS ask to disconnect the radio link

After:

lt_TestBody					
14		+ts_RRC_Delay(100)			
15		UM ! RLC_UM_DATA_REQ	cas_RRC_ConnRelDCCH (tsc_CellDedicated , tsc_RB1, cs_RRC_ConnRelDCCH_Cau(tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti,OMIT, normalEvent))		step 2; SS ask to disconnect the radio link

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1302 ⌘ **rev** ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Correction to GCF WI-10 test case 8.4.1.3
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	11/04/2005
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	Changes to TTCN to align with prose
Summary of change:	⌘	for details see below
Consequences if not approved:	⌘	Test cases will not be consistent with the prose

Clauses affected:	⌘	N/A

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

Other comments:	⌘	

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

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

the change request.

TSG-T WG 1 E-Mail 2005 R5s050xxx

01 Jan - 31 Dec 2005

Title	Correction to GCF WI-10 test case 8.4.1.3
Source	Anritsu
Agenda Item	N/A
Document for	Approval
Contact	Bosco Choi (Anritsu) bosco.choi@eu.anritsu.com
	Tel: +44 1582 433200

Table Of Contents

Overview

This document details the changes needed to correct test case 8.4.1.3. ATS V5.0.0 With these changes applied the test case can be demonstrated to run on at least one independent UE implementations. Only essential fixes to the TTCN are applied. This test case has been tested according to the configuration stated below:-

Reference document	TS 34.123-1 version 5.b.1 TS34.108 version 5.4.0
Referenced CRs	None
Based ATS suite	iWD-TVB2003-03_D05wk14
Integrity	Enabled
Ciphering	Disabled
Path tested	CS & PS

Tables added to iWD-TVB2003-03_D05wk14

c_SIB11_Modify

Reason for Change:.To align with the Prose

Summary of Change: the value of q_OffsetS_N IE has been changed from 0 to OMIT as specified ion 34.123-1v5.b.1. This IE carries a default value of 0 when it is OMITted.

ASN.1 Type Constraint Declaration	
Constraint Name:	c_SIB11_Modify (p_IntraFreq_MeasId :INTEGER;p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_InterCellInfo4, p_InterCellInfo5, p_InterCellInfo6, p_IntraCellInfo7 , p_IntraCellInfo8 : CellInfoCfg)
Group:	
Type Name:	SysInfoType11
Derivation Path:	
Encoding Variation:	
Comments:	@sic Thomas T1s040576 sic@

Constraint Value

```
{
 sib12indicator                                                    FALSE,
 fach_MeasurementOccasionInfo              OMIT,              --       {
 --fACH_meas_occasion_coeff                          2                 ,
 --inter_freq_FDD_meas_ind                                         FALSE,
 --                        inter_freq_TDD_meas_ind                 FALSE,
 --                           inter_RAT_meas_ind                    OMIT
 --                                                                   },
 measurementControlSysInfo
  {
   use_of_HCS                hcs_not_used              :               {
     cellSelectQualityMeasure
     cpich_RSCP                                :                       {
       intraFreqMeasurementSysInfo
        {
        intraFreqMeasurementID                        p_IntraFreq_MeasId,
        intraFreqCellInfoSI_List                                       {
        removedIntraFreqCellList                                    OMIT,
        newIntraFreqCellList                                           {

        {
        intraFreqCellID                           p_ActiveCellInfo.cellId,
        cellInfo                                                       {
        cellIndividualOffset                                        OMIT,
        referenceTimeDifferenceToCell                               OMIT,
```

```
        modeSpecificInfo                fdd                 :                   {
        primaryCPICH_Info  { primaryScramblingCode p_ActiveCellInfo.priScrmCode
},
        primaryCPICH_TX_Power                       OMIT                        ,
        readSFN_Indicator                                                   FALSE,
        tx_DiversityIndicator                                                FALSE
        },
        cellSelectionReselectionInfo                                          OMIT
        }},

        {
        intraFreqCellID                             p_IntraCellInfo2.cellId,
        cellInfo                                                            {
        cellIndividualOffset                                               OMIT,
        referenceTimeDifferenceToCell                                      OMIT,
        modeSpecificInfo                fdd                 :                   {
        primaryCPICH_Info  { primaryScramblingCode p_IntraCellInfo2.priScrmCode
},
        primaryCPICH_TX_Power                       OMIT                        ,
        readSFN_Indicator                                                   TRUE,
        tx_DiversityIndicator                                               FALSE
        }                                                                       ,
        cellSelectionReselectionInfo
        {
        q_OffsetS_N                                                        OMIT0,
        maxAllowedUL_TX_Power                                                 0,
        modeSpecificInfo                fdd                 :                   {
        q_QualMin                                                tsc_Q_QualMin,
        q_RxlevMin                       tsc_Q_RxlevMin                        }
        }
        }
        },
        {
        intraFreqCellID                             p_IntraCellInfo3.cellId,
        cellInfo                                                            {
        cellIndividualOffset    OMIT,    --    @sic    Thomas    T1s040576    sic@
        referenceTimeDifferenceToCell                                      OMIT,
        modeSpecificInfo                fdd                 :                   {
        primaryCPICH_Info  { primaryScramblingCode p_IntraCellInfo3.priScrmCode
},
        readSFN_Indicator                                                   TRUE,
        tx_DiversityIndicator                                               FALSE
        },
        cellSelectionReselectionInfo                                          {
        q_OffsetS_N                                                        OMIT0,
        maxAllowedUL_TX_Power    0,    --    @sic    Thomas    T1s040576    sic@
        modeSpecificInfo                          fdd                         :
        {
        q_QualMin    tsc_Q_QualMin    ,    --    @sic    Thomas    T1s040576    sic@
        q_RxlevMin    tsc_Q_RxlevMin    --    @sic    Thomas    T1s040576    sic@
        }
        }
        }
        },
        {
        intraFreqCellID                             p_IntraCellInfo7.cellId,
        cellInfo                                                            {
        cellIndividualOffset    OMIT,    --    @sic    Thomas    T1s040576    sic@
        referenceTimeDifferenceToCell                                      OMIT,
        modeSpecificInfo                fdd                 :                   {
        primaryCPICH_Info  { primaryScramblingCode p_IntraCellInfo7.priScrmCode
},
        readSFN_Indicator                                                   TRUE,
        tx_DiversityIndicator                                               FALSE
        },
        cellSelectionReselectionInfo                                          {
        q_OffsetS_N                                                        OMIT0,
```

```
        maxAllowedUL_TX_Power    0,    --    @sic    Thomas    T1s040576    sic@
        modeSpecificInfo                          fdd                          :
        {
        q_QualMin    tsc_Q_QualMin    ,    --    @sic    Thomas    T1s040576    sic@
        q_RxlevMin    tsc_Q_RxlevMin    --    @sic    Thomas    T1s040576    sic@
        }
        }
        }
        },
        {
        intraFreqCellID                                p_IntraCellInfo8.cellId,
        cellInfo                                                              {
        cellIndividualOffset    OMIT,    --    @sic    Thomas    T1s040576    sic@
        referenceTimeDifferenceToCell                                      OMIT,
        modeSpecificInfo                fdd                :                  {
        primaryCPICH_Info  { primaryScramblingCode p_IntraCellInfo8.priScrmCode
},
        readSFN_Indicator                                                  TRUE,
        tx_DiversityIndicator                                              FALSE
        },
        cellSelectionReselectionInfo                                          {
        q_OffsetS_N                                                      OMIT0,
        maxAllowedUL_TX_Power    0,    --    @sic    Thomas    T1s040576    sic@
        modeSpecificInfo                          fdd                          :
        {
        q_QualMin    tsc_Q_QualMin    ,    --    @sic    Thomas    T1s040576    sic@
        q_RxlevMin    tsc_Q_RxlevMin    --    @sic    Thomas    T1s040576    sic@
        }
        }
        }
        }
        }
        },
        intraFreqMeasQuantity                                                 {
        filterCoefficient                                                  OMIT,
        modeSpecificInfo                fdd                :                  {
        intraFreqMeasQuantity_FDD                                    cpich_RSCP}
        },
        intraFreqReportingQuantityForRACH                                     {
        sfn_SFN_OTD_Type                                               noReport,
        modeSpecificInfo                fdd                :                  {
        intraFreqRepQuantityRACH_FDD                                 cpich_RSCP}
        },
        maxReportedCellsOnRACH                                       currentCell,
        reportingInfoForCellDCH                                               {
        intraFreqReportingQuantity
        {
        activeSetReportingQuantities
        {
        dummy                                                          noReport,
        cellIdentity_reportingIndicator                                   FALSE,
        cellSynchronisationInfoReportingIndicator                         FALSE,
        modeSpecificInfo                          fdd                          :
        {
        cpich_Ec_N0_reportingIndicator   TRUE,   --   @sic   Thomas   T1s040205
        cpich_RSCP_reportingIndicator                                     FALSE,
        pathloss_reportingIndicator                                        FALSE
        }
        },
        monitoredSetReportingQuantities
        {
        dummy                                                          noReport,
        cellIdentity_reportingIndicator                                   FALSE,
        cellSynchronisationInfoReportingIndicator                          TRUE,
        modeSpecificInfo                          fdd                          :
        {
        cpich_Ec_N0_reportingIndicator                                    FALSE,
```

```
        cpich_RSCP_reportingIndicator                                        TRUE,
        pathloss_reportingIndicator                                          FALSE
        }
        },
        detectedSetReportingQuantities                                        OMIT
        },
        measurementReportingMode
        {
        measurementReportTransferMode                          acknowledgedModeRLC,
        periodicalOrEventTrigger                                      eventTrigger
        },
        reportCriteria               intraFreqReportingCriteria                  :
        {
        eventCriteriaList                           {                            {
        event                 e1a                           :                    {
        triggeringCondition                               monitoredSetCellsOnly,
        reportingRange                                     tsc_ReportingRange14,
        forbiddenAffectCellList                     OMIT                         ,
        w                                                                   tsc_W,
        reportDeactivationThreshold                               notApplicable,
        reportingAmount                                             ra_Infinity,
        reportingInterval                                                  ri16
        },
        hysteresis                                               tsc_Hysteresis2,
        timeToTrigger                                                     ttt60,
        reportingCellStatus
withinActSetAndOrMonitoredUsedFreqOrVirtualActSetAndOrMonitoredNonUsedFreq:  e2
--withinActSetAndOrMonitoredUsedFreqOrMonitoredNonUsedFreq:                  e2
        }}
        }
        }
       },
       interFreqMeasurementSysInfo
        {
        interFreqCellInfoSI_List                                                 {
        removedInterFreqCellList                                             OMIT,
        newInterFreqCellList                         {                           {
        interFreqCellID                                  p_InterCellInfo4.cellId,
        frequencyInfo                             p_InterCellInfo4.frequencyInfo,
        cellInfo                                                                 {
        cellIndividualOffset                                                    0,
        referenceTimeDifferenceToCell                                        OMIT,
        modeSpecificInfo                fdd                    :                 {
        primaryCPICH_Info  { primaryScramblingCode p_InterCellInfo4.priScrmCode
},
        readSFN_Indicator    FALSE,    --    @sic    Thomas    T1s040576    sic@
        tx_DiversityIndicator                                                FALSE
        },
        cellSelectionReselectionInfo   OMIT   --   @sic   Thomas   T1s040576   sic@
        }
        },
        {
        interFreqCellID                                  p_InterCellInfo5.cellId,
        frequencyInfo                             p_InterCellInfo5.frequencyInfo,
        cellInfo                                                                 {
        cellIndividualOffset                                                    0,
        referenceTimeDifferenceToCell                                        OMIT,
        modeSpecificInfo                fdd                    :                 {
        primaryCPICH_Info  { primaryScramblingCode p_InterCellInfo5.priScrmCode
},
        readSFN_Indicator    FALSE,    --    @sic    Thomas    T1s040576    sic@
        tx_DiversityIndicator                                                FALSE
        },
        cellSelectionReselectionInfo   OMIT   --   @sic   Thomas   T1s040576   sic@
        }
        },
        {
```

```
        interFreqCellID                                  p_InterCellInfo6.cellId,
        frequencyInfo                               p_InterCellInfo6.frequencyInfo,
        cellInfo                                                              {
        cellIndividualOffset                                                  0,
        referenceTimeDifferenceToCell                                      OMIT,
        modeSpecificInfo                fdd                :                  {
        primaryCPICH_Info  { primaryScramblingCode p_InterCellInfo6.priScrmCode
},
        readSFN_Indicator    FALSE,    --    @sic    Thomas    T1s040576    sic@
        tx_DiversityIndicator                                              FALSE
        },
        cellSelectionReselectionInfo   OMIT   --   @sic   Thomas   T1s040576   sic@
        }
        }
       }                                                                      }}
 }}}},
 nonCriticalExtensions                                                      OMIT
}
```

Detailed Comment:	

3GPP TSG-R5 E-Mail 2005
01 Jan - 31 Dec 2005

Tdoc ⌘R5s050127

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3 CR** 1303 ⌘**rev** **-** ⌘ Current version: **5.0.0** ⌘

*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 WI-010 P3 RAB test cases 14.2.12, 14.2.16 & 14.2.17
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	31/03/2005
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	3 test steps (ts_Receive2SDUsAccrossTTI, ts_Receive3SDUsAccrossTTI & ts_Receive4SDUsAccrossTTI) do not conform to the TTCN semantics as defined in TR101 666. According to section 15.14 “Labels and the GOTO construct” it is illegal to place a label within an alternate selection block. When a label is used in conjunction with a GOTO it must be on the first receive event at its level of indentation.
Summary of change:	⌘	The 3 test steps are modified in such a way that the Get_Data label is moved to the head of the alternative list block while maintaining the existing logic.
Consequences if not approved:	⌘	The RAB test suite does not conform to the TTCN specification and may not be compilable by some TTCN compilers.

Clauses affected:	⌘	tc_14_2_12, tc_14_2_16 & tc_14_2_17

Other specs affected: ⌘

Y	N	
	X	Other core specifications
	X	Test specifications
	X	O&M Specifications

⌘

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

How to create CRs using this form:
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Below is a brief summary:

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

closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

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

Change 1:

Test step	ts_Receive2SDUsAccrossTTI
Reason for change	According to TR101 666 section 15.14 “Labels and the GOTO construct” it is illegal to place a label within an alternate selection block. When a label is used inconjunction with a GOTO it must be on the first receive event at its level of indentation.
Summary of change	The Get_Data label is moved to the head of the alternative list block (this is the only place you can put a label in such constructs). A condition clause is added to maintain the existing logic (using existing variable already used in the test step). Basically the first case in the alternative list block is not evaluated once we have received an SDU in any of the other alternatives (i.e. as existing logic).
Source of change	New change

Before:

Test Step

Test Step Id:	ts_Receive2SDUsAccrossTTI (p_Data : BITSTRING; p_DataLength, p_ULSDULength : INTEGER)
Test Step Group Ref:	RB_Steps/RB_Subtests/
Objective:	
Defaults:	RRC_Def1
Comments:	

...	Label	Behaviour Description	Constraint Ref	...	Comments
1		(tcv_ReceiveFirstSDU := FALSE, tcv_ReceiveSecondSDU := FALSE, tcv_Res := FALSE)			
2		(tcv_RB_testdata1:= o_BitstringXtract (p_Data, p_DataLength,p_ULSDULength,0))			Fisrt SDU MSB 576 bits of test data
3		(tcv_RB_testdata2:= o_BitstringXtract(p_Data,p_DataLength, p_ULSDULength,p_ULSDULength))			Third SDU LSB 576 bits of test data
4		START t_Dly((40*16) + (4*16))			12 TTI to stat Transmitting + 4 TTI to actually tansmit + 10% tolerence
5		TM ? RLC_TR_TestDataInd CANCEL t_Dly	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data(p_Data))	(P)	Step 15 UE uses UL_TFC3 and could return data in the same TTI
6	Get_Data	TM ? RLC_TR_TestDataInd	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data (tcv_RB_testdata1))	(P)	Step 15 Step 15 UE uses UL_TFC1and UE couldn't return data in the same TTI
7		(tcv_ReceiveFirstSDU := TRUE)			
8		+lt_CheckStatus			
9		[tcv_Res = FALSE]			
10		-> Get_Data			
11		[tcv_Res = TRUE]			

After:

Test Step	
Test Step Id:	ts_Receive2SDUsAccrossTTI (p_Data : BITSTRING; p_DataLength, p_ULSDULength : INTEGER)
Test Step Group Ref:	RB_Steps/RB_Subtests/
Objective:	
Defaults:	RRC_Def1
Comments:	

...	Label	Behaviour Description	Constraint Ref	...	Comments
1		(tcv_ReceiveFirstSDU := FALSE, tcv_ReceiveSecondSDU := FALSE, tcv_Res := FALSE)			
2		(tcv_RB_testdata1:= o_BitstringXtract (p_Data, p_DataLength,p_ULSDULength,0))			Fisrt SDU MSB 576 bits of test data
3		(tcv_RB_testdata2:= o_BitstringXtract(p_Data,p_DataLength, p_ULSDULength,p_ULSDULength))			Third SDU LSB 576 bits of test data
4		START t_Dly((40*16) + (4*16))			12 TTI to stat Transmitting + 4 TTI to actually transmit + 10% tolerence
5	Get_Data	TM ? RLC_TR_TestDataInd [(tcv_ReceiveFirstSDU = FALSE) AND (tcv_ReceiveSecondSDU = FALSE)] CANCEL t_Dly	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data(p_Data))	(P)	Step 15 UE uses UL_TFC3 and could return data in the same TTI
6		TM ? RLC_TR_TestDataInd	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data (tcv_RB_testdata1))	(P)	Step 15 Step 15 UE uses UL_TFC1 and UE couldn't return data in the same TTI
7		(tcv_ReceiveFirstSDU := TRUE)			
8		+It_CheckStatus			
9		[tcv_Res = FALSE]			
10		-> Get_Data			
11		[tcv_Res = TRUE]			
12		CANCEL t_Dly			

Change 2:

Test step	ts_Receive3SDUsAccrossTTI
Reason for change	According to TR101 666 section 15.14 “Labels and the GOTO construct” it is illegal to place a label within an alternate selection block. When a label is used inconjunction with a GOTO it must be on the first receive event at its level of indentation.
Summary of change	The Get_Data label is moved to the head of the alternative list block (this is the only place you can put a label in such constructs). A condition clause is added to maintain the existing logic (using existing variable already used in the test step). Basically the first case in the alternative list block is not evaluated once we have received an SDU in any of the other alternatives (i.e. as existing logic).
Source of change	New change

Before:

Test Step	
Test Step Id:	ts_Receive3SDUsAccrossTTI (p_Data : BITSTRING; p_DataLength, p_ULSDULength : INTEGER)
Test Step Group Ref:	RB_Steps/RB_Subtests/
Objective:	
Defaults:	RRC_Def1
Comments:	

...	Label	Behaviour Description	Constraint Ref	...	Comments
1		(tcv_ReceiveFirstSDU := FALSE, tcv_ReceiveSecondSDU := FALSE, tcv_ReceiveThirdSDU := FALSE, tcv_Res := FALSE)			
2		(tcv_RB_testdata1 := o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,0))			Fisrt SDU MSB 576 bits of test data
3		(tcv_RB_testdata2:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,p_ULSDULength))			Second SDU 576 bits between bit 577 and bit 1152 from MSB of test data
4		(tcv_RB_testdata3 := o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,(p_ULSDULength*2)))			Third SDU LSB 576 bits of test data
5		START t_Dly((40*16) + (4*16))			12 TTI to stat Transmitting + 4 TTI to actually tansmit + 10% tolerence
6		TM ? RLC_TR_TestDataInd CANCEL t_Dly	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data(p_Data))	(P)	Step 15 UE uses UL _TFC3 and could return data in the same TTI
7	Get_Data	TM ? RLC_TR_TestDataInd	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data (tcv_RB_testdata1))	(P)	Step 15 Step 15 UE uses UL_TFC1 and UE couldn't return data in the same TTI
8		(tcv_ReceiveFirstSDU := TRUE)			
9		+lt_CheckStatus			
10		[tcv_Res = FALSE]			
11		-> Get_Data			

After:

Test Step					
Test Step Id:	ts_Receive3SDUsAccrossTTI (p_Data : BITSTRING; p_DataLength, p_ULSDULength : INTEGER)				
Test Step Group Ref:	RB_Steps/RB_Subtests/				
Objective:					
Defaults:	RRC_Def1				
Comments:					
...	Label	Behaviour Description	Constraint Ref	...	Comments
1		(tcv_ReceiveFirstSDU := FALSE, tcv_ReceiveSecondSDU := FALSE, tcv_ReceiveThirdSDU := FALSE, tcv_Res := FALSE)			
2		(tcv_RB_testdata1:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,0))			Fisrt SDU MSB 576 bits of test data
3		(tcv_RB_testdata2:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,p_ULSDULength))			Second SDU 576 bits between bit 577 and bit 1152 from MSB of test data
4		(tcv_RB_testdata3 := o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,(p_ULSDULength*2)))			Third SDU LSB 576 bits of test data
5		START t_Dly((40*16) + (4*16))			12 TTI to stat Transmitting + 4 TTI to actually tansmit + 10% tolerence
6	Get_Data	TM ? RLC_TR_TestDataInd [(tcv_ReceiveFirstSDU = FALSE) AND (tcv_ReceiveSecondSDU = FALSE) AND (tcv_ReceiveThirdSDU = FALSE)] CANCEL t_Dly	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data(p_Data))	(P)	Step 15 UE uses UL_TFC3 and could return data in the same TTI
7		TM ? RLC_TR_TestDataInd	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data (tcv_RB_testdata1))	(P)	Step 15 Step 15 UE uses UL_TFC1 and UE couldn't return data in the same TTI
8		(tcv_ReceiveFirstSDU := TRUE)			
9		+lt_CheckStatus			
10		[tcv_Res = FALSE]			
11		-> Get_Data			

Change 3:

Test step	ts_Receive4SDUsAccrossTTI
Reason for change	According to TR101 666 section 15.14 “Labels and the GOTO construct” it is illegal to place a label within an alternate selection block. When a label is used inconjunction with a GOTO it must be on the first receive event at its level of indentation.
Summary of change	The Get_Data label is moved to the head of the alternative list block (this is the only place you can put a label in such constructs). A condition clause is added to maintain the existing logic (using existing variable already used in the test step). Basically the first case in the alternative list block is not evaluated once we have received an SDU in any of the other alternatives (i.e. as existing logic).
Source of change	New change

Before:

Test Step	
Test Step Id:	ts_Receive4SDUsAccrossTTI (p_Data : BITSTRING; p_DataLength, p_ULSDULength : INTEGER)
Test Step Group Ref:	RB_Steps/RB_Subtests/
Objective:	
Defaults:	RRC_Def1
Comments:	

...	Label	Behaviour Description	Constraint Ref	...	Comments
1		(tcv_ReceiveFirstSDU := FALSE, tcv_ReceiveSecondSDU := FALSE, tcv_ReceiveThirdSDU := FALSE, tcv_ReceiveFourthSDU := FALSE, tcv_Res := FALSE)			
2		(tcv_RB_testdata1:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,0))			Fisrt SDU MSB 576 bits of test data
3		(tcv_RB_testdata2:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,p_ULSDULength))			Second SDU 576 bits between bit 577 and bit 1152 from MSB of test data
4		(tcv_RB_testdata3:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,(p_ULSDULength*2)))			Third SDU 576 bits between bit 1153 and bit 1728 from MSB of test data
5		(tcv_RB_Data4:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,(p_ULSDULength*3)))			Fourth SDU LSB 576 bits of test data
6		START t_Dly((40*16) + (4*16))			12 TTI to stat Transmitting + 4 TTI to actually tansmit + 10 % tolerence
7		TM ? RLC_TR_TestDataInd CANCEL t_Dly	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data(p_Data))	(P)	Step 15 UE uses UL_TFC4 and could return data in the same TTI
8	Get_Data	TM ? RLC_TR_TestDataInd	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data (tcv_RB_testdata1))	(P)	Step 15 Step 15 UE uses UL_TFC1and UE couldn't return data in the same TTI
9		(tcv_ReceiveFirstSDU := TRUE)			

After:

Test Step					
Test Step Id:	ts_Receive4SDUsAccrossTTI (p_Data : BITSTRING; p_DataLength, p_ULSDULength : INTEGER)				
Test Step Group Ref:	RB_Steps/RB_Subtests/				
Objective:					
Defaults:	RRC_Def1				
Comments:					

...	Label	Behaviour Description	Constraint Ref	...	Comments
1		(tcv_ReceiveFirstSDU := FALSE, tcv_ReceiveSecondSDU := FALSE, tcv_ReceiveThirdSDU := FALSE, tcv_ReceiveFourthSDU := FALSE, tcv_Res := FALSE)			
2		(tcv_RB_testdata1:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,0))			Fisrt SDU MSB 576 bits of test data
3		(tcv_RB_testdata2:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,p_ULSDULength))			Second SDU 576 bits between bit 577 and bit 1152 from MSB of test data
4		(tcv_RB_testdata3:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,(p_ULSDULength*2)))			Third SDU 576 bits between bit 1153 and bit 1728 from MSB of test data
5		(tcv_RB_Data4:= o_BitstringXtract(p_Data, p_DataLength , p_ULSDULength,(p_ULSDULength*3)))			Fourth SDU LSB 576 bits of test data
6		START t_Dly((40*16) + (4*16))			12 TTI to stat Transmitting + 4 TTI to actually tansmit + 10% tolerence
7	Get_Data	TM ? RLC_TR_TestDataInd [(tcv_ReceiveFirstSDU = FALSE) AND (tcv_ReceiveSecondSDU = FALSE) AND (tcv_ReceiveThirdSDU = FALSE) AND (tcv_ReceiveFourthSDU = FALSE)] CANCEL t_Dly	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data(p_Data))	(P)	Step 15 UE uses UL_TFC4 and could return data in the same TTI
8		TM ? RLC_TR_TestDataInd	car_RLC_DataInd (tsc_CellDedicated, tsc_RB10, c_TrD_Data (tcv_RB_testdata1))	(P)	Step 15 Step 15 UE uses UL_TFC1and UE couldn't return data in the same TTI
9		(tcv_ReceiveFirstSDU := TRUE)			

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CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1304** ⌘ **rev** **-** ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Correction required for WI-010 P3 RAB Testcase 14.2.38c.
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	29/03/2005
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	The RLC SDU size for RB10 passed in the close test loop procedure in subtest 10 is wrong. It should be 39 not 81.
Summary of change:	⌘	Used 39 instead of 81 as RLC SDU size for close test loop procedure in subtest 10.
Consequences if not approved:	⌘	Conformant UE's may fail the affected test case.

Clauses affected:	⌘	Test case

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

Other comments:	⌘	Affected Test case: tc_14_2_38c.

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:

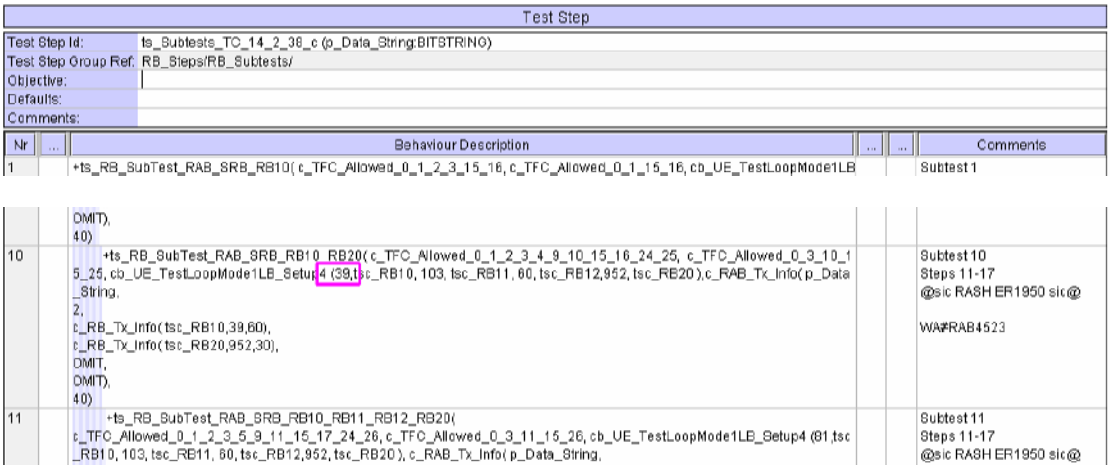
1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes")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

RAB ATS

ts_Subtests_TC_14_2_38_c (WA#RAB4523)

Test step name	ts_Subtests_TC_14_2_38_c
Reason for change	The RLC SDU size for RB10 passed in the close test loop procedure in subtest 10 is wrong. It should be 39 not 81.
Summary of change	Used 39 instead of 81 as RLC SDU size for close test loop procedure in subtest 10.
Source of change	New change
Label	WA#RAB4523



Test Step

Test Step Id:	ts_Subtests_TC_14_2_38_c (p_Data_String:BITSTRING)
Test Step Group Ref:	RB_Steps/RB_Subtests/
Objective:	
Defaults:	
Comments:	

Nr	...	Behaviour Description	...	...	Comments
1		+ts_RB_SubTest_RAB_SRB_RB10(c_TFC_Allowed_0_1_2_3_15_16, c_TFC_Allowed_0_1_15_16, cb_UE_TestLoopMode1LB			Subtest 1
		DMIT), 40)			
10		+ts_RB_SubTest_RAB_SRB_RB10_RB20(c_TFC_Allowed_0_1_2_3_4_9_10_15_16_24_25, c_TFC_Allowed_0_3_10_15_25, cb_UE_TestLoopMode1LB_Setup4 (39,tsc_RB10, 103, tsc_RB11, 60, tsc_RB12,952, tsc_RB20),c_RAB_Tx_Info(p_Data_String, 2, c_RB_Tx_Info(tsc_RB10,39,60), c_RB_Tx_Info(tsc_RB20,952,30), DMIT, DMIT), 40)			Subtest 10 Steps 11-17 @sic RASH ER1950 sic@ WA#RAB4523
11		+ts_RB_SubTest_RAB_SRB_RB10_RB11_RB12_RB20(c_TFC_Allowed_0_1_2_3_5_9_11_15_17_24_26, c_TFC_Allowed_0_3_11_15_26, cb_UE_TestLoopMode1LB_Setup4 (81,tsc_RB10, 103, tsc_RB11, 60, tsc_RB12,952, tsc_RB20), c_RAB_Tx_Info(p_Data_String,			Subtest 11 Steps 11-17 @sic RASH ER1950 sic@

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CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3 CR 1305** ⌘ **rev -** ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Correction to GCF Package 3 RRC test case 8.3.1.24
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	24/03/2005
Category:	⌘	**F**
Release:	⌘	Rel-5

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) As per 34.123-1, the values used for SIB3 and SIB12 should be the default values.

2) Contents of SIB 11 used for test case 8.3.1.24 does not match with the 34.123-1

3) According to section 8.3.1.24.4 of 34.123-1, SS shall transmit special SIB11 for test case 8.3.1.24 with SIB12 indicator set as FALSE. Hence SIB12 need not be scheduled for this test case. In TTCN SIB 12 is scheduled which is not correct.

4) In SIB4 and SIB11 q_HCS is given as 40 (- 75dbm).

UE will start the penalty timer for a cell when Qmeas > q_HCS

As per table 8.3.1.24-1 Power level of the neighbouring Cells should be set to -70 dbm. Taking into account of the UE and SS tolerances, the received power level can be very close to the boundary of the above condition.

Due to this the penalty timer can start / stop and trigger a cell update procedure. To improve the reliability of the test case, the power level of cell 3 at instant T0 and that of cell 2 at instant T0 and T1 is modified to -82 dBm and power level of cell 2 at instant T2 and that of cell 3 at time instant T1 and T2 is changed to –68 dBm, so that the cell power levels maintain a distance of 7 db from the Q_hcs at all times.

Summary of change: ⌘

1) Modified the test step lt_CreateCells to remove the SIB3 and SIB12 initialisation.

	2) The constraint "c_SIB11_HCS_Used" is modified as per 34.123-1. 3) The value of the cell power levels is modified as mentioned above
Consequences if not approved:	⌘ Test Case may fail a conformant UE

Clauses affected:	⌘	N/A		
Other specs affected:	⌘	Y / N / X X / / X	Other core specifications Test specifications O&M Specifications	⌘ 34.123-1 (Needs a CR on 34.123-1 for change of the power levels)
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_8_3_1_24: It_ CreateCells
Reason for change	1) As per 34.123-1, the values used for SIB3 and SIB12 should be the default values.
Summary of change	1) Modified the test step It_CreateCells to remove the SIB3 and SIB12 initialisation. Note: Modification for test step ts_SendDefSysInfoWithoutSIB3_4_Init is already covered in TTCN CR R5s050113.
Source of change	New change

Before:

		tcv_CellInfoC.attenuationLevel := tsc_AttLevToPower80_dBm)			
It_CreateCell (p_ServingCell : CellInfoCfg ; p_HcsPrioSCell : HCS_PRIO ; p_FirstNeighbourCell : CellInfoCfg ; p_HcsPrioFNCell : HCS_PRIO ; p_SecondNeighbourCell : CellInfoCfg ; p_HcsPrioSNCell : HCS_PRIO)					
35		(tcv_SIB3 := c_SIB3_HCS_Used (p_ServingCell.cellId, p_HcsPrioSCell), tcv_SIB4 := c_SIB4_HCS_Used (p_ServingCell.cellId, p_HcsPrioSCell), tcv_SIB11 := c_SIB11_HCS_Used (p_ServingCell, p_FirstNeighbourCell, p_HcsPrioFNCell, p_SecondNeighbourCell, p_HcsPrioSNCell), tcv_SIB12 := c_SIB12_HCS_Used (p_ServingCell, p_FirstNeighbourCell, p_HcsPrioFNCell, p_SecondNeighbourCell, p_HcsPrioSNCell))			@sic OG 12/10/04 ER2038 sic@
36		+ts_SS_CreateCellFACH (p_ServingCell.cellId)			Configure lower tester
37		+ts_SendDefSysInfoWithoutSIB3_4_Init (p_ServingCell.cellId)			

After:

		tcv_CellInfoC.attenuationLevel := tsc_AttLevToPower80_dBm)			
It_CreateCell (p_ServingCell : CellInfoCfg ; p_HcsPrioSCell : HCS_PRIO ; p_FirstNeighbourCell : CellInfoCfg ; p_HcsPrioFNCell : HCS_PRIO ; p_SecondNeighbourCell : CellInfoCfg ; p_HcsPrioSNCell : HCS_PRIO)					
35		(tcv_SIB4 := c_SIB4_HCS_Used (p_ServingCell.cellId, p_HcsPrioSCell), tcv_SIB11 := c_SIB11_HCS_Used(p_ServingCell, p_FirstNeighbourCell, p_HcsPrioFNCell, p_SecondNeighbourCell, p_HcsPrioSNCell))			@sic OG 12/10/04 ER2038 sic@
36		+ts_SS_CreateCellFACH (p_ServingCell.cellId)			Configure lower tester
37		+ts_SendDefSysInfoWithoutSIB3_4_Init (p_ServingCell.cellId)			

Change 2:

Constraint declaration	c_SIB11_HCS_Used
Reason for change	1) Contents of SIB 11 used for test case 8.3.1.24 does not match 34.123-1.
Summary of change	**1)** The constraint "c_SIB11_HCS_Used" is modified as per 34.123-1.
Source of change	New change

Before:

ASN.1 Type Constraint Declaration	
Constraint Name:	c_SIB11_HCS_Used (p_ServingCell : CellInfoCfg; p_FirstNeighbourCell : CellInfoCfg; p_PriorityFNCell : HCS_PRIO; p_SecondNeighbourCell : CellInfoCfg; p_PrioritySNCell : HCS_PRIO)
Group:	
Type Name:	SysInfoType11
Derivation Path:	
Encoding Variation:	
Comments:	@SIC_NAPP @sic OG 12/10/04 ER2038 sic@

Constraint Value

```
{
 sib12indicator TRUE,
 measurementControlSysInfo {
  use_of_HCS hcs_used : {
   cellSelectQualityMeasure cpich_RSCP : {
    intraFreqMeasurementSysInfo {
     intraFreqMeasurementID 1,
     intraFreqCellInfoSI_List {
      removedIntraFreqCellList OMIT, -- removedIntraFreqCellList in SIB11 is not used and ignored by the UE
      newIntraFreqCellList {{
        intraFreqCellID p_ServingCell.cellId,
        cellInfo {
         cellIndividualOffset OMIT,
         referenceTimeDifferenceToCell OMIT,
         modeSpecificInfo fdd : {
          primaryCPICH_Info { primaryScramblingCode p_ServingCell.priScrmCode },
          readSFN_Indicator FALSE,
          tx_DiversityIndicator FALSE
         },
         cellSelectionReselectionInfo OMIT}},
       {
        intraFreqCellID p_FirstNeighbourCell.cellId,
        cellInfo {
         cellIndividualOffset OMIT,
         referenceTimeDifferenceToCell OMIT,
         modeSpecificInfo fdd : {
          primaryCPICH_Info { primaryScramblingCode p_FirstNeighbourCell.priScrmCode },
          readSFN_Indicator TRUE,
```

After:

Constraint Name:	c_SIB11_HCS_Used (p_ServingCell : CellInfoCfg; p_FirstNeighbourCell : CellInfoCfg; p_PriorityFNCell : HCS_PRIO; p_SecondNeighbourCell : CellInfoCfg; p_PrioritySNCell : HCS_PRIO)
Group:	
Type Name:	SysInfoType11
Derivation Path:	
Encoding Variation:	
Comments:	@SIC_NAPP @sic OG 12/10/04 ER2038 sic@

Constraint Value

```
{
 sib12indicator FALSE,
 measurementControlSysInfo {
  use_of_HCS hcs_used : {
   cellSelectQualityMeasure cpich_RSCP : {
    intraFreqMeasurementSysInfo {
     intraFreqMeasurementID 1,
     intraFreqCellInfoSI_List {
      removedIntraFreqCellList OMIT, -- removedIntraFreqCellList in SIB11 is not used and ignored by the UE
      newIntraFreqCellList {{
        intraFreqCellID p_ServingCell.cellId,
        cellInfo {
         cellIndividualOffset OMIT,
         referenceTimeDifferenceToCell OMIT,
         modeSpecificInfo fdd : {
          primaryCPICH_Info { primaryScramblingCode p_ServingCell.priScrmCode },
          readSFN_Indicator FALSE,
          tx_DiversityIndicator FALSE
         },
         cellSelectionReselectionInfo OMIT}},
       {
        intraFreqCellID p_FirstNeighbourCell.cellId,
        cellInfo {
         cellIndividualOffset OMIT,
         referenceTimeDifferenceToCell OMIT,
         modeSpecificInfo fdd : {
          primaryCPICH_Info { primaryScramblingCode p_FirstNeighbourCell.priScrmCode },
          readSFN_Indicator TRUE,
```

Change 3:

Test case body	lt_TestBody
Reason for change	In SIB4 and SIB11 q_HCS is given as 40 (- 75dbm). UE will start the penalty timer for a cell when Qmeas > q_HCS As per table 8.3.1.24-1 Power level of the neighbouring Cells should be set to -70 dbm. Taking into account of the UE and SS tolerances, the received power level can be very close to the boundary of the above condition. Due to this the penalty timer can start / stop and trigger a cell update procedure. To improve the reliability of the test case, the power level of cell 3 at instant T0 and that of cell 2 at instant T0 and T1 is modified to -82 dBm and power level of cell 2 at instant T2 and that of cell 3 at time instant T1 and T2 is changed to –68 dBm, so that the cell power levels maintain a distance of 7 db from the Q_hcs at all times. Note: For this change CR on 34.123-1 will be raised in the next RAN5 meeting.
Summary of change	At step 3 (line 17)and step 7(line 24), the test step +ts_SetAttenuationLevel (tsc_CellC, 10) is modified to +ts_SetAttenuationLevel (tsc_CellC, 8) A new testsuite variable by the name tsc_AttLevToPower82_dBm is defined At line number 34 (tcv_CellInfoB.attenuationLevel := tsc_AttLevToPower80_dBm, tcv_CellInfoC.attenuationLevel := tsc_AttLevToPower80_dBm) is modified to (

	tcv_CellInfoB.attenuationLevel := tsc_AttLevToPower82_dBm, tcv_CellInfoC.attenuationLevel := tsc_AttLevToPower82_dBm)
Source of change	New change

Before:

					ic@
15	TBF1	TM ? RLC_TR_DATA_IND CANCEL t_WaitS	car_RRC_CellUpdate (?, tsc_RB0, cbr_108_CellUpdate (*, *))	(F)	UE should not send a Cell Update message even after penalty time (40s).
16	TBP1	? TIMEOUT t_WaitS		(P)	
17		+ts_SetAttenuationLevel (tsc_CellC, 10)			Step 3 T1 power settings
18		START t_WaitS (40)			
19	TBF2	TM ? RLC_TR_DATA_IND CANCEL t_WaitS	car_RRC_CellUpdate (?, tsc_RB0, cbr_108_CellUpdate (*, *))	(F)	UE should not send a Cell Update message
20	TBP2	? TIMEOUT t_WaitS		(P)	
21	TBP3	+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellC, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, cellReselection), 40000)			Step 4 @sic OG 21/10/04 T1s040671 sic@
22		UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnfCCCH (tsc_CellC, tsc_RB0, cbs_108_CellUpdateCnfCCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_CellInfoA.uRNTI, tcv_RRC_TI, OMIT, OMIT, cell_PCH, OMIT, OMIT, OMIT, 3))		Step 5 @sic OG 21/10/04 T1s040671 sic@ @sic OG 01/12/04 T1s040750 sic@
23		+ts_RRC_Delay (500)			@sic OG 21/10/04 T1s040671 sic@
24		+ts_SetAttenuationLevel (tsc_CellB, 10)			Step 7 T2 power settings @sic OG 12/10/04 ER2043 sic@
25		START t_WaitS (40)			@sic OG 21/10/04 T1s040671 sic@

			OMIT, OMIT, 3)		
lt_InitVariables					
33		+ts_RRC_InitVariablesPS (cell_FACH)			Initialize test case variables
34		(tcv_CellInfoB.attenuationLevel := tsc_AttLevToPower80_dBm, tcv_CellInfoC.attenuationLevel := tsc_AttLevToPower80_dBm)			T0 power settings
lt_CreateCell (p_ServingCell : CellInfoCfg ; p_HcsPrioSCell : HCS_PRIO ; p_FirstNeighbourCell : CellInfoCfg ; p_HcsPrioFNCell : HCS_PRIO ; p_SecondNeighbourCell : CellInfoCfg ; p_HcsPrioSNCell : HCS_PRIO)					
35		(tcv_SIB3 := c_SIB3_HCS_Used (p_ServingCell.cellId, p_HcsPrioSCell),			@sic OG 12/10/04 ER2038 sic@

After:

			,))		fter penalty time (40s).
16	TBP1	? TIMEOUT t_WaitS		(P)	
17		+ts_SetAttenuationLevel (tsc_CellC, 8)			Step 3 T1 power settings
18		START t_WaitS (40)			
19	TBF2	TM ? RLC_TR_DATA_IND CANCEL t_WaitS	car_RRC_CellUpdate (?, tsc_RB0, cbr_108_CellUpdate (*,*))	(F)	UE should not send a Cell Update message
20	TBP2	? TIMEOUT t_WaitS		(P)	
21	TBP3	+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellC, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, cellReselection), 40000)			Step 4 @sic OG 21/10/04 T1s040671 sic@
22		UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnfCCCH (tsc_CellC, tsc_RB0, cbs_108_CellUpdateCnfCCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_CellInfoA.uRNTI, tcv_RRC_Ti, OMIT, OMIT, cell_PCH, OMIT, OMIT, OMIT, 3))		Step 5 @sic OG 21/10/04 T1s040671 sic@ @sic OG 01/12/04 T1s040750 sic@
23		+ts_RRC_Delay (500)			@sic OG 21/10/04 T1s040671 sic@
24		+ts_SetAttenuationLevel (tsc_CellB, 8)			Step 7 T2 power settings @sic OG 12/10/04 ER2043 sic@
25		START t_WaitS (40)			@sic OG 21/10/04 T1s040671 sic@
26	TBF4	TM ? RLC_TR_DATA_IND CANCEL t_WaitS	car_RRC_CellUpdate (?, tsc_RB0, cbr_108_CellUpdate (	(F)	UE should not send a Cell Update message

			))		
It_InitVariables					
33		+ts_RRC_InitVariablesPS (cell_FACH)			Initialize test case variables
34		(tcv_CellInfoB.attenuationLevel := tsc_AttLevToPower82_dBm, tcv_CellInfoC.attenuationLevel := tsc_AttLevToPower82_dBm)			T0 power settings
It_CreateCell (p_ServingCell : CellInfoCfg ; p_HcsPrioSCell : HCS_PRIO ; p_FirstNeighbourCell : CellInfoCfg ; p_HcsPrioFNCell : HCS_PRIO ; p_SecondNeighbourCell : CellInfoCfg ; p_HcsPrioSNCell : HCS_PRIO)					
35		(tcv_SIB4 := c_SIB4_HCS_Used (p_ServingCell.cellId, p_HcsPrioSCell			@sic OG 12/10/04 ER2038 sic@

New Test Case Variable:

			r values are allowed]
tsc_AttLevToPower80_dBm	INTEGER	tsc_PowerpCPICH + 80	Attenuation level used for setting low power level in test 8_3_4_3. High power level used is -80 dBm for CPICH RSCP
tsc_AttLevToPower82_dBm	INTEGER	tsc_PowerpCPICH + 82	Attenuation level to achieve a downlink power level of -82 dBm for CPICH RSCP
tsc_AttLevToPower85_dBm	INTEGER	tsc_PowerpCPICH + 85	Attenuation level to achieve a downlink power level of -85 dBm for CPICH RSCP
tsc_AttLevToPower90_dBm	INTEGER	tsc_PowerpCPICH + 90	@SIC_NAPP Attenuation level used for setting low power level. High power level used is -90 dBm for

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CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1306 ⌘ **rev** - ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Summary of additional regression errors in the wk09 ATS.
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	22/03/05
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	Correction of errors found in TTCN as part of Regression on wk09 ATS.
Summary of change:	⌘	This document lists all changes applied to wk09 required for testing of the approved test cases. See detailed change description for further information.
Consequences if not approved:	⌘	Test case may fail a conformant UE.

Clauses affected:	⌘	None

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

Table of Contents

Corrections required for NAS_wk09 test suite

Change 1

TTCN Reference	Tc_12_4_1_4a
Reason for change	Test case execution need more time to complete. Test case implementation uses 3 min, which is not sufficient. Test case guard time should be changed to 6 min.
Summary of change	Line#1 to be changed to START t_Guard (600)

Corrections required for RRC_wk09 test suite

Change 1

Teststep	ts_SS_ReconfDCH_ToFACH_CS_PS_8_3_4_2
Reason for change	3. In Test step ts_SendRB_SetUpInteractBackg_64k_ConvSpeech_CS_PS cell config is assigned as cell_Four_DTCH_PS_CS for the test case 8.3.1.25. But teststep ts_SS_ReconfDCH_ToFACH_CS_PS_8_3_4_2, which is called at Line #17 of the test case doesn't have any check for cell_Four_DTCH_PS_CS. 4. In Test step ts_SendRB_SetUp_InteractBackg_64k_ConvUnknown_64k_20_CS_PS cell config is assigned as cell_Two_DTCH_PS_CS for the test case 8.3.1.25. But teststep ts_SS_ReconfDCH_ToFACH_CS_PS_8_3_4_2, which is called at Line #17 of the test case doesn't have any check for cell_Two_DTCH_PS_CS.
Summary of change	3) At line # 5, added check for cell_Four_DTCH_PS_CS. **4)** At line # 15, added check for cell_Two_DTCH_PS_CS.
Source of change	New change

After:

Test Step Id:	ts_SS_ReconfDCH_ToFACH_CS_PS_8_3_4_2 (p_CellId : INTEGER)
Test Step Group Ref:	RRCM_Steps/
Objective:	Switch SS configuration from CELL_DCH state to CELL_FACH state
Defaults:	SS_Def
Comments:	@sic OG 10/08/04 ER1932 sic@

Nr	Label	Behaviour Description	Const...	Verd...	Comments
1		+ts_SetTmpCellInfo (p_CellId)			
2		[tcv_TmpCellInfo.cellConfig = cell_DCH_64kPS_RAB_SRB]			
3		+ts_SS_2_FACH_1_RACH_Modify (p_CellId, c_TrLogMappingRACH_DTCH, c_TrLogMappingPCH_FACH_PS)			
4		+ts_SetCellCfg (p_CellId, cell_FACH_PS)			@sic Thomas ER1988 sic@
5		[(tcv_TmpCellInfo.cellConfig = cell_DCH_Speech) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_PS_CS)]			
6		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB10)			
7		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB11)			
8		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB12)			
9		+ts_SS_2_FACH_1_RACH_Modify (p_CellId, c_TrLogMappingRACH_DTCH, c_TrLogMappingPCH_FACH_PS)			
10		[tcv_TmpCellInfo.cellConfig = cell_DCH_Speech]			@sic OG 13/10/04 T1s040658 sic@
11		+ts_SS_RB20_AM_PS_Cfg (320)			
12		+ts_SetCellCfg (p_CellId, cell_FACH_PS)			
13		[TRUE]			@sic OG 13/10/04 T1s040658 sic@
14		+ts_SetCellCfg (p_CellId, cell_FACH_PS)			@sic OG 13/10/04 T1s040658 sic@
15		[(tcv_TmpCellInfo.cellConfig = cell_DCH_64kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_CS_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_PS_CS))]			
16		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB10)			

Change 2

TestCase	tc_8_1_7_1d
Reason for change	In the test case 8.1.7.1d UE may be able to send the Security Mode Complete before SS moves to FACH state. However SS will receive this message only when RLC entity is continued. On receiving the message, SS will generate CRLC Integrity Failure Indication. In the wk09 TTCN, after the addition of RLC release for tsc_RB_BCCH_FACH in the test step ts_SS_ReconfFACH_ToDCH_CS_PS (R5s050091), CRLC Release is expected on CRLC SAP, however TTCN finds CRLC Integrity Failure Indication on RLC SAP, which results in test case failure. This happens because the CRLC entity is continued before calling the test step ts_SS_ReconfFACH_ToDCH_CS_PS. By calling ts_SS_RLC_Continue_RB after the test step ts_SS_ReconfFACH_ToDCH_CS_PS it is ensured that the test case does not fail a conformant UE for the reception of CRLC Integrity Failure Indication.
Summary of change	ts_SS_ReconfFACH_ToDCH_CS_PS is called before calling ts_SS_RLC_Continue_RB
Source of change	New change

Before:

24		+ ts_RestoreDL_IntegrityContext(tsc_CellA)			To restore old Security context
25		+ts_SetAttenuationLevel (tsc_CellA, tcv_Attenuation1)			Bring cell A to previous power lvl
26		+ts_SS_ReconfDCH_ToFACH_CS_PS (tsc_CellA)			step 2
27	TBP1	+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, radiolinkFailure), 15000)			step 8 IE "Cell update cause" set to "Radio Link Failure"
28		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, OMIT)			
29		+lt_SendCellUpdateConfirm			step 9
30		+ts_RRC_Delay (tsc_WaitBeforeFACH_Conf)			
31		+ts_CRLC_ReconfRLC_Size (FALSE)			
32		+ts_SS_RLC_Continue_RB (tsc_RB2)			@sic T1s040717 sic@
33		+ts_SS_ReconfFACH_ToDCH_CS_PS (tsc_CellA)			
34	TBP2	+lt_ReceivePhysicalChanReconCmpl			@sic T1s040717 sic@ step 10
35		+ lt_Check_UE_Capability			step 11, 12, 13

After:

25		+ts_SetAttenuationLevel (tsc_CellA, tcv_Attenuation1)			Bring cell A to previous power lvl
26		+ts_SS_ReconfDCH_ToFACH_CS_PS (tsc_CellA)			step 2
27	TBP1	+ts_RRC_ReceiveCellUpdateNonPeriodic (tsc_CellA, cdr_CellUpdateAny (tcv_CellInfoA.uRNTI, radiolinkFailure), 15000)			step 8 IE "Cell update cause" set to "Radio Link Failure"
28		+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, OMIT)			
29		+lt_SendCellUpdateConfirm			step 9
30		+ts_RRC_Delay (tsc_WaitBeforeFACH_Conf)			
31		+ts_CRLC_ReconfRLC_Size (FALSE)			
32		+ts_SS_ReconfFACH_ToDCH_CS_PS (tsc_CellA)			
33		+ts_SS_RLC_Continue_RB (tsc_RB2)			@sic T1s040717 sic@
34	TBP2	+lt_ReceivePhysicalChanReconCmpl			@sic T1s040717 sic@ step 10
35		+ lt_Check_UE_Capability			step 11, 12, 13

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CHANGE REQUEST

⌘ **34.123-3** **CR** **1307** ⌘**rev** **-** ⌘ Current version: **5.0.0** ⌘

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

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

Title:	⌘	Correction to approved RRC Package 4 TC 8.3.1.18
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	TEI
Date:	⌘	22/03/2005
Category:	⌘	**F**
Release:	⌘	Rel-5

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:	⌘	When the SS configures the cells according to T1 in table 8.3.1.18, cell 2 triggers a measurement report of event 1a. If that measurement report gets sent very quickly after T1 configuration the UE might send all, or just about all, of its maxDAT buffered RLC re-transmissions before timer T313 runs out. I.e 14 (maxDAT) re-transmissions within 3sec (T313). This scenario will end up with too few RLC retransmissions left after the TRANSPORT CHANNEL RECONFIGURATION COMPLETE for the SS to pick up the measurement report on Cell 1 after configuration is back according to T0. This in turn means that the measurement report (AM) will not be ack:ed, and the UE's RLC resets itself. To get rid of the racing problem between the timeout of T313 and the time taken for RLC to re-transmit, which is out of the test purpose scope anyway, a solution would be to decrease T313 in SIB1 to 2sec. This would prevent the UE from using up all its maxDAT re-transmissions, and make a stable test case.
Summary of change:	⌘	Assign 2 sec to T313 in SIB1
Consequences if not approved:	⌘	Test case may fail a conformant UE

Clauses affected:	⌘	tc_12_4_1_4a
Other specs	⌘	Y: ☐ N: ☒ Other core specifications ⌘

affected:	X	Test specifications
	X	O&M Specifications
Other comments:	⌘	Affects R99, Rel4 and Rel5 UEs.

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

Before:

Test Case	
Test Case Id:	tc_8_3_1_18
Test Group Reference:	RRC/RRC_CellUpdate/
Purpose:	1. To confirm that the UE shall try to find a new cell after detecting that a radio link failure has occurred. 2. To confirm that the UE performs a cell selection procedure when it fails to configure the physical channel (s) indicated in the CELL UPDATE CONFIRM message.
Configuration:	
Defaults:	RRC_Def1
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT=fdd]			FDD specific behaviour
3		+lt_RRC_InitVariables			Initial Test Case Variables
4		(tcv_SIB1 := cb_SIB1_Def (tcv_CellInfoA))			
5		(tcv_SIB1.ue_ConnTimersAndConstants.t_315 := s0, tcv_SIB1.ue_ConnTimersAndConstants.t_312 := 2)			T315 = 0 @sic OG 19/05/04 T1-040941 sic@ T312 = 2s
6		+pr_GotoState6_9_Or6_10_MO_NewSIB1 (tsc_CellA, tcv_SIB1)			Go to State 6-9 on cell 1

After:

Test Case	
Test Case Id:	tc_8_3_1_18
Test Group Reference:	RRC/RRC_CellUpdate/
Purpose:	1. To confirm that the UE shall try to find a new cell after detecting that a radio link failure has occurred. 2. To confirm that the UE performs a cell selection procedure when it fails to configure the physical channel (s) indicated in the CELL UPDATE CONFIRM message.
Configuration:	
Defaults:	RRC_Def1
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		START t_Guard			
2		[px_RAT=fdd]			FDD specific behaviour
3		+lt_RRC_InitVariables			Initial Test Case Variables
4		(tcv_SIB1 := cb_SIB1_Def (tcv_CellInfoA))			
5		(tcv_SIB1.ue_ConnTimersAndConstants .t_315 := s0, tcv_SIB1.ue_ConnTimersAndConstants .t_312 := 2 , tcv_SIB1.ue_ConnTimersAndConstants .t_313 := 2)			T315 = 0 @sic OG 19/05/04 T1-040941 sic@ T312 = 2s

					T313 = 2s
6		+pr_GotoState6_9_Or6_10_MO_NewSIB1 (tsc_CellA, tcv_SIB1)			Go to State 6-9 on cell 1

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CHANGE REQUEST

⌘ **34.123-3** **CR** **1308** ⌘ **rev** **-** ⌘ Current version: **5.0.0** ⌘

*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 WI-12 Test Case 8.3.7.16
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	22/03/05
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
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R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change: ⌘

1. In the test case 8.3.7.16 , while initializing, ts_GSM_InitVariablesDef is being called. 34.123-1 describes the default parameter for the GPRS cell to be compliant to 51.010 clause 40.1.1
2. While sending routing area accept in the GPRS cell the RAC and LAC values are sent of the UMTS cell.
3. Test purpose mentioned in the TTCN is in correct.

Summary of change: ⌘

1. Instead of ts_GSM_InitVariablesDef, ts_GSM_InitVariablesSpecific40 is now called.
2. The RAC and LAC for the GPRS cell are passed in the test step ts_U2GCellChange_RAUpdate while sending the ROUTING AREA UPDATE ACCEPT.
3. Test purpose modified as per the 34.123-1

Consequences if not approved: ⌘ The testcase may fail a conformant UE

Clauses affected: ⌘ tc_8_3_7_16

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:

Constraint	tc_8_3_7_16 lt_InitVariables
Reason for change	While initializing, ts_GSM_InitVariablesDef is being called. 34.123-1 describes the default parameter for the GPRS cell to be compliant to 51.010 clause 40.1.1 Further ts_GSM_InitVariablesDef call affects the Paging Group Calculation. In **ts_DownlinkTBFEstablishment** while calling o_PagingGroupCalculate the parameter N= (3 - BS_AG_BLKS_RES) * BS_PA_MFRMS is hardcoded to 6. This needs to modified in case ts_GSM_InitVariablesDef is decided to be used.
Summary of change	Instead of ts_GSM_InitVariablesDef, ts_GSM_InitVariablesSpecific40 is now called. Due to this no change in **ts_DownlinkTBFEstablishment** is required**.**
Source of change	New change

Before:

lt_InitVariables			
0		+ts_RRC_InitVariables(cell_DCH)	
1		(tcv_CellInfoA.lac := '0080'O, tcv_CellInfoA.rac := '00'O)	
2		+ts_GSM_InitVariablesDef	
3		(tcv_IdleSIB11_CellA := c_SIB11_3_Intra3_Inter2_InterRAT_Def (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_G_CellInfoA, tcv_G_CellInfoB), tcv_IdleSIB12_CellA := c_SIB12_3_Intra3_Inter2_InterRAT_Def (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_G_CellInfoA, tcv_G_CellInfoB))	
4		+ts_GPRS_InitVariablesDef	
lt_SubtestInitVariables			
0		+ ts_G_HandoverCommandInitialise26_6_5_1_2 (tsc_GSM_CellA , c_G_ChModeSpeechFROrHRV1)	
1		+lt_FreqBand	
lt_SubTest			
0		G_CL2 ! G_CL2_HoldPhyInfo_REQ	cabs_G_CL2_HoldPhyInfo_REQ (tsc_GSM_CellA , tsc_G_Trchld1 , tcv_RR_ChannelType2, tcv_RR_Subchannel2, 4)
1		G_CL2 ? G_CL2_HoldPhyInfo_CNF	cabr_G_CL2_HoldPhyInfo_CNF (tsc_GSM_CellA , tsc_G_Trchld1 , tcv_RR_ChannelType2, tcv

After:

		R_Subchannel2 := 15)
6		+lt_SubTest
lt_InitVariables		
0		+ts_RRC_InitVariables(cell_DCH)
1		(tcv_CellInfoA.lac := '0080'O, tcv_CellInfoA.rac := '00'O)
2		+ts_GSM_InitVariablesAllBands
3		+ts_GSM_InitVariablesSpecific40
4		(tcv_IdleSIB11_CellA := c_SIB11_3_Intra3_Inter2_InterRAT_Def (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_G_CellInfoA, tcv_G_CellInfoB), tcv_IdleSIB12_CellA := c_SIB12_3_Intra3_Inter2_InterRAT_Def (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC, tcv_CellInfoD, tcv_CellInfoE, tcv_CellInfoF, tcv_G_CellInfoA, tcv_G_CellInfoB))
5		+ts_GPRS_InitVariablesDef
lt_SubtestInitVariables		
0		+ ts_G_HandoverCommandInitialise26_6_5_1_2 (tsc_GSM_CellA , c_G_ChModeSpeechFROrHRV1)
1		+lt_FreqBand

Change 2:

Constraint	tc_8_3_7_16 : ts_U2GCellChange_RAUpdate : lt_SendAccept
Reason for change	While sending routing area accept in the GPRS cell the RAC and LAC values are sent of the UMTS cell.
Summary of change	The RAC and LAC for the GPRS cell are passed in the test step ts_U2GCellChange_RAUpdate while sending the ROUTING AREA UPDATE ACCEPT.
Source of change	New change

Before:

2		+lt_SendAccept		
1		G_LLC ? G_LLC_UNITDATA_IND (tcv_TmpRAU_ReqPDU := G_LLC_UNITDATA_IND.msg, tcv_TmpB3 := tcv_TmpRAU_ReqPDU.updateType.value)	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(?, ?), ?, ?))	(F)
2		+lt_SendAccept		
lt_SendAccept				
0		+ts_DownlinkTBFEstablishment(p_CellId, p_PhysicalChId, bcch)		
1		G_LLC ! G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEEntity, tcv_TLLI, tsc_LLCSapi_GMM, tsc_LLC_PM, tsc_LLC_NoCiph, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAI_v (tcv_TmpCellInfo.mcc, tcv_TmpCellInfo.mnc, tcv_TmpCellInfo.lac, tcv_TmpCellInfo.rac), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))	
2		+ts_UplinkTBFOnePhase(p_CellId, p_PhysicalChId)		
3		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cs_RA_UpdComplete)	

After:

2		+lt_SendAccept		
1		G_LLC ? G_LLC_UNITDATA_IND (tcv_TmpRAU_ReqPDU := G_LLC_UNITDATA_IND.msg, tcv_TmpB3 := tcv_TmpRAU_ReqPDU.updateType.value)	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(?, ?), ?, ?))	(F)
2		+lt_SendAccept		
lt_SendAccept				
0		+ts_DownlinkTBFEstablishment(p_CellId, p_PhysicalChId, bcch)		
1		G_LLC ! G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEEntity, tcv_TLLI, tsc_LLCSapi_GMM, tsc_LLC_PM, tsc_LLC_NoCiph, cs_RA_UpdAcc3 (c_GMM_UpdateResult_v(tcv_TmpB3), c_RAI_v(tcv_G_CellInfoA.mcc, tcv_G_CellInfoA.mnc, tcv_G_CellInfoA.lac, tsc_RAC_Def), c_PTMSI_Signature (px_PTMSI_SigDef), c_MobileIdPTMSI (px_PTMSI_Def), -))	
2		+ts_UplinkTBFOnePhase(p_CellId, p		

Change 3:

Constraint	tc_8_3_7_16 : Purpose
Reason for change	Purpose described in the TTCN test case is different from the actual purpose mentioned in the 34.123-1.
Summary of change	Test purpose modified as per the 34.123-1
Source of change	New change

Before:

tc_8_3_7_16

e: ISHO_UTRAN_ToGSM/

To test that the UE reactivates the old channel and transmits INTER-SYSTEM HANDOVER FAILURE message to the network on the old channel in UTRAN cell when it recieves an INTER-SYSTEM HANDOVER COMMAND and the connetion to GSM for handover cannot be established.

IntersystemDef

Label	Behaviour Description	Constraint Ref	Verdict	Comments
	START t_Guard			
	[(px_RAT=fdd) AND pc_G_operation_mode_B]			FDD specific behaviour and supports Operation Mode B
	+lt_InitVariables			
	+ts_SS_CreateCellDCH (tsc_CellA)			Configure lower tester
	+ts_SendDefSysInfo_LongNeighCellInfo (tsc_CellA)			Sends the default system information in CellA

After:

tc_8_3_7_16

e: ISHO_UTRAN_ToGSM/

To test that in UTRAN cell when UE (not supporting DTM) is in speech call active state and PS data call is established,
UE performs handover to GSM RAT after receiving HANDOVER FROM UTRAN COMMAND.

IntersystemDef

Label	Behaviour Description	Constraint Ref	Verdict	Commen
	START t_Guard			
	[(px_RAT=fdd) AND pc_G_operation_mode_B]			FDD specific beha upports Operation
	+lt_InitVariables			
	+ts_SS_CreateCellDCH (tsc_CellA)			Configure lower te
	+ts_SendDefSysInfo_LongNeighCellInfo (tsc_CellA)			Sends the default rmation in CellA
	+ts_SendModifiedSysInfoSIB11_12(tsc_CellA)			