3GPP TSG RAN Meeting #28 **RP-050282**

Quebec, Canada, 1 - 3 June 2005

Title **Summary of TTCN CR F category to 34.123-3 for approval Batch 2**

Source **RAN WG5**

Agenda Item **7.6.5**

WG Tdoc	Spec	CR	R	Cat	Rel	Curr Ver	Title	Work Item
R5s050113	34.123-3	1309		F	Rel-5	5.0.0	Correction to RRC P3 TC 8.3.2.13	TEI
R5s050114	34.123-3	1310		F	Rel-5	5.0.0	Regression Error Report based on wk09 ATS	TEI
R5s050110	34.123-3	1311		F	Rel-5	5.0.0	Summary of regression errors for IR_U_wk09.	TEI
R5s050111	34.123-3	1312		F	Rel-5	5.0.0	Correction to RRC P2 TC 8.3.1.21	TEI
R5s050109	34.123-3	1313		F	Rel-5	5.0.0	Correction to Approved NAS Package 4 TC 12.4.1.4a	TEI
R5s050105	34.123-3	1315		F	Rel-5	5.0.0	Correction for the MM test step “ts_GMM_RAU_AcceptEPLMN”	TEI
R5s050104	34.123-3	1316		F	Rel-5	5.0.0	Correction to SMS Test Suite for AT Commands	TEI
R5s050095	34.123-3	1317		F	Rel-5	5.0.0	Changes required to support Release 5	TEI
R5s050103	34.123-3	1318		F	Rel-5	5.0.0	Correction to approved package WI-12 NAS Test case 9_5_7_2	TEI
R5s050094	34.123-3	1320		F	Rel-5	5.0.0	Handling of L2 Acknowledgement on GERAN side.	TEI
R5s050093	34.123-3	1321		F	Rel-5	5.0.0	Correction to Approved RRC Package 4 TC 8.3.1.18	TEI
R5s050091	34.123-3	1322		F	Rel-5	5.0.0	Correction to IR_U P4 Approved test case 8.3.11.4	TEI
R5s050078	34.123-3	1323		F	Rel-5	5.0.0	Summary of iWD_07 regression test errors	TEI
R5s050090	34.123-3	1324		F	Rel-5	5.0.0	Corrections to section 16 SMS test cases to improve AT command handling	TEI
R5s050086	34.123-3	1325		F	Rel-5	5.0.0	Correction to approved GCF P4 test cases 8.1.7.1c	TEI

WG Tdoc	Spec	CR	R	Cat	Rel	Curr Ver	Title	Work Item
R5s050088	34.123-3	1326		F	Rel-5	5.0.0	Summary of regression errors in the wk07 ATS.	TEI
R5s050083	34.123-3	1327		F	Rel-5	5.0.0	Correction to approved NAS WI 12 test case 12.4.1.5.	TEI
R5s050087	34.123-3	1328		F	Rel-5	5.0.0	Correction to approved GCF P4 test cases 8.1.7.1d	TEI
R5s050082	34.123-3	1329		F	Rel-5	5.0.0	Correction to approved package 2 NAS Test case 9_5_2	TEI
R5s050065	34.123-3	1330		F	Rel-5	5.0.0	Correction to RRC P1 TC 8.4.1.1, 8.4.1.3 and P3 TC 8.4.1.29	TEI

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1309** ⌘ **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 RRC P3 TC 8.3.2.13
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:	⌘	According to section 8.3.2.13.4 of 34.123-1, SS shall transmit special SIB4 and SIB11 for test case 8.3.2.13 but in TTCN SIB3 and SIB 12 are also modified which is not correct.
Summary of change:	⌘	1. TTCN is modified to remove modification done to SIB3 and SIB12 in test case 8.3.2.13. 2. TTCN is modified to set IE sib12indicator to FALSE in SIB 11for test case 8.3.2.13. 3. Test step ts_SendDefSysInfoWithoutSIB3_4_Init is modified to send null schedule blocks in place of SIB 12 since SIB12 need not be scheduled for this test case.
Consequences if not approved:	⌘	TTCN implementation will be as per 34.123-1.

Clauses affected:	⌘	tc_8_3_2_13

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.

1.1 Change 1:

Local Tree and test step	1. lt_CreateCell of tc_8_3_2_13 2. lt_InitSIB11_12 of tc_8_3_2_13
Reason for change	According to section 8.3.2.13.4 of 34.123-1, SS shall transmit special SIB4 and SIB11 for test case 8.3.2.13 but in TTCN SIB3 and SIB 12 are also modified which is not correct.
Summary of change	1. Line 1 of lt_CreateCell of tc_8_3_2_13 is modified to remove modification done to SIB3. 2. Line 3 of lt_CreateCell of tc_8_3_2_13 is modified to change the name of Local tree lt_InitSIB11_12 to lt_InitSIB11 since only SIB11 need to be modified. 3. Line 1 of lt_InitSIB11_12 is modified to remove modification done to SIB12.
Source of change	New change

Before:

lt_CreateCell (p_CellID : INTEGER ; p_HcsPrio : HCS_PRIO)					
37		(tcv_SIB3 := c_SIB3_HCS_Sing (p_CellID, p_HcsPrio), tcv_SIB4 := c_SIB4_HCS_Sing (p_CellID, p_HcsPrio))			@sic OG 11/10/04 T1s040653 sic@
38		+ts_SS_CreateCellFACH (p_CellID)			Configure lower tester
39		+lt_InitSIB11_12			
40		+ts_SendDefSysInfoWithoutSIB3_4_Init (p_CellID)			@sic OG 11/10/04 T1s040653 sic@

lt_InitSIB11_12					
41		(tcv_SIB11 := c_SIB11_HCS_Sing (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC), tcv_SIB12 := c_SIB12_HCS_Sing (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC))			Initialise SIB11 and SIB12 for HCS

After:

lt_CreateCell (p_CellID : INTEGER ; p_HcsPrio : HCS_PRIO)					
37		(tcv_SIB4 := c_SIB4_HCS_Sing (p_CellID, p_HcsPrio))			@sic OG 11/10/04 T1s040653 sic@
38		+ts_SS_CreateCellFACH (p_CellID)			Configure lower tester
39		+lt_InitSIB11			
40		+ts_SendDefSysInfoWithoutSIB3_4_Init (p_CellID)			@sic OG 11/10/04 T1s040653 sic@

lt_InitSIB11					
41		(tcv_SIB11 := c_SIB11_HCS_Sing (tcv_CellInfoA, tcv_CellInfoB, tcv_CellInfoC))			Initialise SIB11 and SIB12 for HCS

Change 2:

ASN.1 Type Constraint declaration	c_SIB11_HCS_Sing
Reason for change	According to section 8.3.2.13.4 of 34.123-1, SS shall transmit special SIB11 with SIB12 Indicator set as FALSE for test case 8.3.2.13 but in TTCN SIB12 indicator is set as TRUE.
Summary of change	Modified c_SIB11_HCS_Sing to modify sib12indicator to FLASE.
Source of change	New change

Before:

Constraint Name:	c_SIB11_HCS_Sing (p_CellInfoA, p_CellInfoB, p_CellInfoC : CellInfoCfg)
Group:	
Type Name:	SysInfoType11
Derivation Path:	
Encoding Variation:	
Comments:	

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
```

After:

Constraint Name:	c_SIB11_HCS_Sing (p_CellInfoA, p_CellInfoB, p_CellInfoC : CellInfoCfg)
Group:	
Type Name:	SysInfoType11
Derivation Path:	
Encoding Variation:	
Comments:	

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
```

Change 3:

Local Tree and test step	ts_SendDefSysInfoWithoutSIB3_4_Init
Reason for change	According to section 8.3.2.13.4 of 34.123-1, SS shall transmit special SIB11 for test case 8.3.2.13 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.
Summary of change	Line 4 of the test step a line is added to change the default scheduling of SB1 to scheduling with no SIB 12 Line 13 of ts_SendDefSysInfoWithoutSIB3_4_Init is replaced with New Local tTree lt_FillNoneSchedulledBlocks to send null scheduling blocks in place of SIB 12. Line 14 of the test step call to test step ts_SendSIB18 is replaced with ts_SendSIB18_NoSIB6_OrSIB12
Source of change	New change

Before:

Test Step Id:	ts_SendDefSysInfoWithoutSIB3_4_Init (p_CellId : INTEGER)
Test Step Group Ref:	RRC_Preambles/
Objective:	To broadcast default system infomation.
Defaults:	InitOtherwiseFail
Comments:	@sic OG 11/10/04 T1s040653 sic@

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ts_SetTmpCellInfo (p_CellId)			
2		+ts_CellDependentPara(p_CellId)			
3		+ts_InitializeSIB2AndSIB18(tcv_TmpCellInfo)			
4		+ts_SendNoSegDefSchedul(p_CellId)			
5		+ts_SendSIB1 (cb_SIB1_Def(tcv_TmpCellInfo), p_CellId, tsc_Now)			
6		+ts_SendSIB2 (tcv_SIB2, p_CellId, tsc_Now)			
7		+ts_SendSIB3(tcv_SIB3, p_CellId, tsc_Now)			
8		+ts_SendSIB4(tcv_SIB4, p_CellId, tsc_Now)			
9		+ts_SendSIB5(cb_SIB5_Def(tcv_TmpCellInfo), p_CellId, tsc_Now)			
10		+ts_SendSIB6(cb_SIB6_Def(tcv_TmpCellInfo), p_CellId, tsc_Now)			
11		+ts_SendSIB7(c_SIB7_Def, p_CellId, tsc_Now)			
12		+ts_SendSIB11(tcv_SIB11, p_CellId, tsc_Now)			
13		+ts_SendSIB12(tcv_SIB12, p_CellId, tsc_Now)			
14		+ts_SendSIB18(tcv_SIB18, p_CellId, tsc_Now)			
15		+ts_SendSB1_DefSchedul (tcv_SB1, p_CellId, tsc_Now)			
16		+ts_SendMIB(tcv_MIB, p_CellId, tsc_Now)			

After:

Test Step Id:	ts_SendDefSysInfoWithoutSIB3_4_Init (p_CellId : INTEGER)
Test Step Group Ref:	RRC_Preambles/
Objective:	To broadcast default system infomation.
Defaults:	InitOtherwiseFail
Comments:	@sic OG 11/10/04 T1s040653 sic@

Ind	Label	Behaviour Description	Constraint Ref	Verdict	Comments
0		+ts_SetTmpCellInfo (p_CellId)			
1		+ts_CellDependentPara(p_CellId)			
2		+ts_InitializeSIB2AndSIB18(tcv_TmpCellInfo)			
3		(tcv_SB1 := c_SB1_NoSIB12)			
4		+ts_SendNoSegDefSchedul(p_CellId)			
5		+ts_SendSIB1 (cb_SIB1_Def(tcv_TmpCellInfo), p_CellId, tsc_Now)			
6		+ts_SendSIB2 (tcv_SIB2, p_CellId, tsc_Now)			
7		+ts_SendSIB3(tcv_SIB3, p_CellId, tsc_Now)			
8		+ts_SendSIB4(tcv_SIB4, p_CellId, tsc_Now)			
9		+ts_SendSIB5(cb_SIB5_Def(tcv_TmpCellInfo), p_CellId, tsc_Now)			
10		+ts_SendSIB6(cb_SIB6_Def(tcv_TmpCellInfo), p_CellId, tsc_Now)			
11		+ts_SendSIB7(c_SIB7_Def, p_CellId, tsc_Now)			
12		+ts_SendSIB11(tcv_SIB11, p_CellId, tsc_Now)			+ts_SendSIB12(tcv_SIB11, p_CellId, tsc_Now)
13		+lt_FillNoneScheduledBlocks			
14		+ts_SendSIB18_NoSIB6_OrSIB12(tcv_SIB18, p_CellId, tsc_Now)			
15		+ts_SendSB1_DefSchedul(tcv_SB1, p_CellId, tsc_Now)			
16		+ts_SendMIB(tcv_MIB, p_CellId, tsc_Now)			
lt_FillNoneScheduledBlocks					
0		+ts_Scheduling(p_CellId, 6, 13, tsc_Now)			pos = 13
1		CMAC?CMAC_SYSINFO_Config_CNF	ca_SysInfoCfgCnf(p_CellId, tsc_RB_BCCH)		
2		TM!RLC_TR_DATA_REQ	ca_TR_DataReq(p_CellId, tsc_RB_BCCH, cs_SIB_MsgNoSegment)		
3		+ts_Scheduling(p_CellId, 6, 14, tsc_Now)			pos = 14
4		CMAC?CMAC_SYSINFO_Config_CNF	ca_SysInfoCfgCnf(p_CellId, tsc_RB_BCCH)		
5		TM!RLC_TR_DATA_REQ	ca_TR_DataReq(p_CellId, tsc_RB_BCCH, cs_SIB_MsgNoSegment)		
6		+ts_Scheduling(p_CellId, 6, 15, tsc_Now)			pos = 15
7		CMAC?CMAC_SYSINFO_Config_CNF	ca_SysInfoCfgCnf(p_CellId, tsc_RB_BCCH)		
8		TM!RLC_TR_DATA_REQ	ca_TR_DataReq(p_CellId, tsc_RB_BCCH, cs_SIB_MsgNoSegment)		

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1310** ⌘ **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 wk09 ATS
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 wk09 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:	⌘	

	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 reques

1 NAS ATS

1.1 Tc_12_3_2_8_1 : lt_TestBody

Test step name	lt_TestBody
Reason for change	The value of the timer should be T3312 – 10% which is 324 seconds
Summary of change	Changed the value of timer from 234 to 324.
Source of change	New change

Before :

9		+lt_ActivateCellID			Step 16
10		+lt_Attach_Steps_18To25			
11		+ts_VerifyNoAccess (234)			Step 25b Verify that the UE does not atte mpt to access the network for T3312-10% (6min-10%). @sic VB t1 s050046 sic@
12		+lt_RAUpd_Steps_27To28			

After :

10		+lt_Attach_Steps_18To25			
11		+ts_VerifyNoAccess (324)			Step 25b Verify that the UE does not atte mpt to access the network for T3312-10% (6min-10%). @sic VB t1 s050046 sic@
12		+lt_RAUpd_Steps_27To28			

2 RRC ATS

2.1 Tc_8_4_1_2 : lt_PhyChReconf

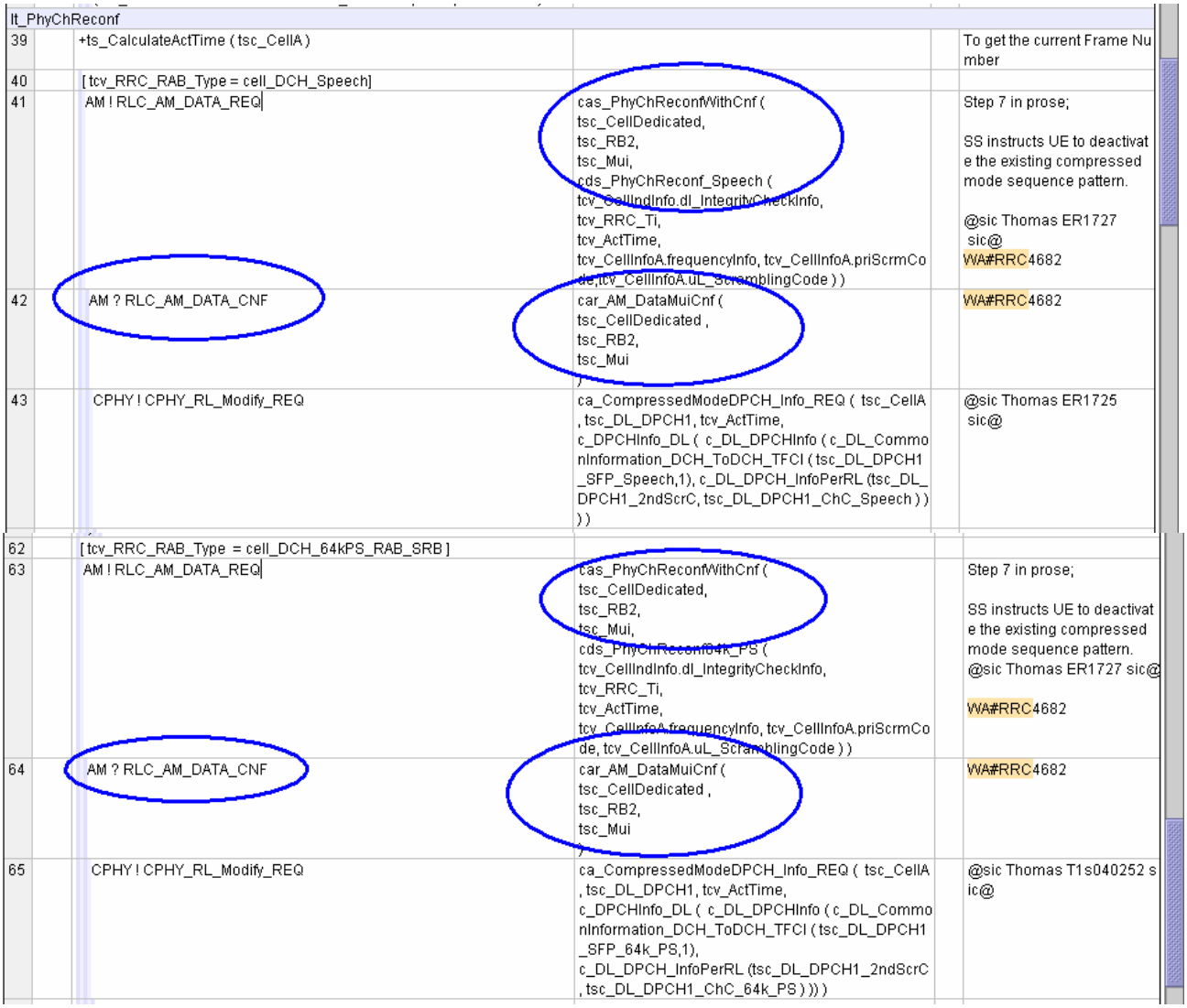
Test step name	lt_PhyChReconf
Reason for change	The Physical channel reconfiguration message must be sent out to the UE before the local configuration takes place.
Summary of change	Used cas_PhyChReconfWithCnf to expect a CNF message.

Added RLC_AM_DATA_CNF to receive the CNF message in TTCN.

Changes mentioned are made for conditiona cell_DCH_Speech & cell_DCH_64kPS_RAB_SRB, as these condition were tested. It should also be applied to other conditions as well.

Source of change New change

Label WA#RRC 4682



lt_PhyChReconf			
39	+ts_CalculateActTime (tsc_CellA)		To get the current Frame Number
40	[tcv_RRC_RAB_Type = cell_DCH_Speech]		
41	AM ! RLC_AM_DATA_REQ	cas_PhyChReconfWithCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui, cds_PhyChReconf_Speech (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_ActTime, tcv_CellInfoA.frequencyInfo, tcv_CellInfoA.priScrmCode,tcv_CellInfoA.uL_ScramblingCode))	Step 7 in prose; SS instructs UE to deactivate the existing compressed mode sequence pattern. @sic Thomas ER1727 sic@ WA#RRC4682
42	AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf (tsc_CellDedicated , tsc_RB2, tsc_Mui)	WA#RRC4682
43	CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA , tsc_DL_DPCH1, tcv_ActTime, c_DPCHInfo_DL (c_DL_DPCHInfo (c_DL_CommonInformation_DCH_ToDCH_TFCI (tsc_DL_DPCH1_SFP_Speech,1), c_DL_DPCH_InfoPerRL (tsc_DL_DPCH1_2ndScrC, tsc_DL_DPCH1_ChC_Speech))))	@sic Thomas ER1725 sic@
62	[tcv_RRC_RAB_Type = cell_DCH_64kPS_RAB_SRB]		
63	AM ! RLC_AM_DATA_REQ	cas_PhyChReconfWithCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui, cds_PhyChReconf64k_PS (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, tcv_ActTime, tcv_CellInfoA.frequencyInfo, tcv_CellInfoA.priScrmCode, tcv_CellInfoA.uL_ScramblingCode))	Step 7 in prose; SS instructs UE to deactivate the existing compressed mode sequence pattern. @sic Thomas ER1727 sic@ WA#RRC4682
64	AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf (tsc_CellDedicated , tsc_RB2, tsc_Mui)	WA#RRC4682
65	CPHY ! CPHY_RL_Modify_REQ	ca_CompressedModeDPCH_Info_REQ (tsc_CellA , tsc_DL_DPCH1, tcv_ActTime, c_DPCHInfo_DL (c_DL_DPCHInfo (c_DL_CommonInformation_DCH_ToDCH_TFCI (tsc_DL_DPCH1_SFP_64k_PS,1), c_DL_DPCH_InfoPerRL (tsc_DL_DPCH1_2ndScrC , tsc_DL_DPCH1_ChC_64k_PS))))	@sic Thomas T1s040252 sic@

2.2 Tc_8_1_71_d :lt_TestBody

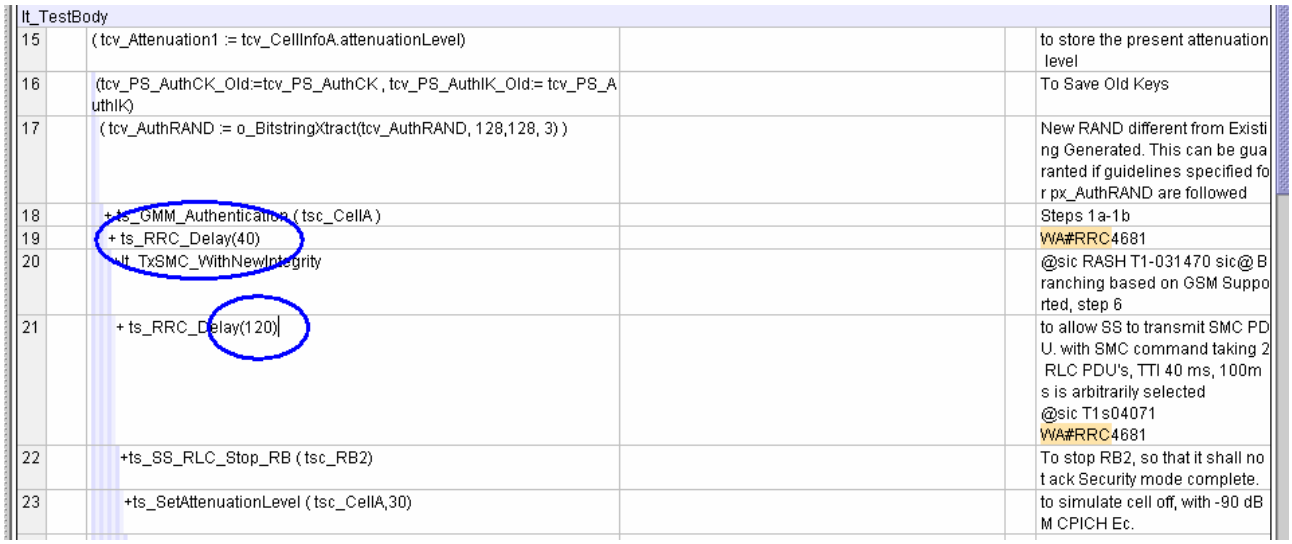
Test step name lt_TestBody

Reason for change The implementation should make sure that the security mode command is sent sucessfully to the UE. It is not possible to send both PDU of the security mode command message in the next 2 TTI's as the status PDU for Authentication and Ciphering Response message takes place of one TTI. Therfore it is proposed to add a delay before sending security mode command message and aslo to increase the delay after sending security mode command message to 120msec.

Summary of change Added 40msec delay before +lt_TxSMC_WithNewIntegrity and increase the delay after +lt_TxSMC_WithNewIntegrity to 120msec.

Source of change New change

Label WA#RRC 4681



lt_TestBody				
15		(tcv_Attenuation1 := tcv_CellInfoA.attenuationLevel)		to store the present attenuation level
16		(tcv_PS_AuthCK_Old:=tcv_PS_AuthCK , tcv_PS_AuthIK_Old:= tcv_PS_AuthIK)		To Save Old Keys
17		(tcv_AuthRAND := o_BitstringXtract(tcv_AuthRAND, 128,128, 3))		New RAND different from Existing Generated. This can be guaranted if guidelines specified for px_AuthRAND are followed
18		+ ts_GMM_Authentication (tsc_CellA)		Steps 1a-1b
19		+ ts_RRC_Delay(40)		WA#RRC4681
20		lt_TxSMC_WithNewIntegrity		@sic RASH T1-031470 sic@ Branching based on GSM Supported, step 6
21		+ ts_RRC_Delay(120)		to allow SS to transmit SMC PDU. with SMC command taking 2 RLC PDU's, TTI 40 ms, 100ms is arbitrarily selected @sic T1s04071 WA#RRC4681
22		+ts_SS_RLC_Stop_RB (tsc_RB2)		To stop RB2, so that it shall not ack Security mode complete.
23		+ts_SetAttenuationLevel (tsc_CellA,30)		to simulate cell off, with -90 dBM CPICH Ec.

2.3 ts_SS_ReconfDCH_ToFACH_CS_PS

Test step name ts_SS_ReconfDCH_ToFACH_CS_PS

Reason for change Since the Assignment of the variable tcv_TmpCellInfo.cellConfig is changed in ts_SendRB_SetUpInteractBackg_64k_ConvSpeech_CS_PS to cell_Four_DTCH_PS_CS, it must also be changed in ts_SS_ReconfDCH_ToFACH_CS_PS

Since the Assignment of the variable tcv_TmpCellInfo.cellConfig is changed in ts_SendRB_SetUp_InteractBackg_64k_ConvUnknown_64k_20_CS_PSto cell_Two_DTCH_PS_CS, it must also be changed in ts_SS_ReconfDCH_ToFACH_CS_PS

Summary of change Replaced line 4 with cell_Four_DTCH_PS_CS.

Replace line 9 with cell_Two_DTCH_PS_CS

Source of change New change

Label WA#RRC 4674

Test Step					
Test Step Id:	ts_SS_ReconfDCH_ToFACH_CS_PS (p_CellId : INTEGER)				
Test Step Group Ref:	RRCM_SS_Steps/				
Objective:	Switch SS configuration from CELL_DCH state to CELL_FACH state				
Defaults:	SS_Def				
Comments:	@sic OG 18/12/03 T1-031749 sic@				
...	L...	Behaviour Description	Constraint Ref	...	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		[(tcv_TmpCellInfo.cellConfig = cell_DCH_Speech) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_PS_CS)]			@sic OG 12/01/03 ER1451 sic @ WA#RRC4674
5		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB10)			
6		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB11)			
7		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB12)			
8		+ts_SS_2_FACH_1_RACH_Modify (p_CellId, c_TrLogMappingRACH_DTCH, c_TrLogMappingPCH_FACH_PS)			
9		[(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_PS_CS)]			WA#RRC4674
10		+ts_CRLC_Rel (tsc_CellDedicated, tsc_RB10)			
11		+ts_SS_2_FACH_1_RACH_Modify (p_CellId, c_TrLogMappingRACH_DTCH, c_TrLogMappingPCH_FACH_PS)			

2.4 ts_CalculateActTime

Test step name	ts_CalculateActTime
Reason for change	Activation time must include new config cell_Four_DTCH_CS_PS_Init & cell_Two_DTCH_CS_PS_Init, as it is called in test step pr_GotoState6_14_PS_CS. Identified during execution of 8.1.7.1c
Summary of change	Included cell_Four_DTCH_CS_PS_Init & cell_Two_DTCH_CS_PS_Init in check condition line 2.
Source of change	New change
Label	WA#RRC 4676

Test Step	
Test Step Id:	ts_CalculateActTime (p_CellId: INTEGER)
Test Step Group Ref:	BasicM_General_Steps/
Objective:	To calculate the activation time with the tti value corresponding to the actual SS configuration.
Defaults:	SS_Def
Comments:	The tti value passed as parameter to ts_CPHY_ActTime is equal to tti/10 (e.g. tti 40 -> 4) Based on 34.108 on SRB tti.

...	L...	Behaviour Description	Constraint Ref	...	Comments
1		+ ts_SetTmpCellInfo (p_CellId)			
2		[(tcv_TmpCellInfo.cellConfig = cell_DCH_Speech) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB)OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kPS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_AM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_UM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_PDCP_AM_UM_RAB) OR (tcv_TmpCellInfo.cellConfig = cell_RLC_DCH_AM_RAB_15Lis) OR (tcv_TmpCellInfo.cellConfig =cell_RLC_DCH_AM_RAB_7Lis) OR (tcv_TmpCellInfo.cellConfig =cell_RLC_DCH_UM_RAB_15Lis) OR (tcv_TmpCellInfo.cellConfig =cell_RLC_DCH_UM_RAB_7Lis) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_StandAloneSRB)OR (tcv_TmpCellInfo.cellConfig = cell_DCH_2AM_PS) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_2_PS_Call) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_CS_PS)OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS_PS)OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_PS_CS)OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_PS_CS)OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_CS_PS_Init) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_PS_CS_Init) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_PS_CS_Init) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS_PS_Init)]			An RRC connection is establis hed. Use DCCH on DL DPCH1 @sic New RAB sic@ @sic T1s040688 sic@ WA#RRC4676
3		+ ts_CPHY_ActTime (p_CellId, tsc_DL_DPCH1, 4)			
4		[(tcv_TmpCellInfo.cellConfig = cell_DCH_StandAloneSRB_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2SCCPCH_StandAlonePCH_NoConn) OR (tcv_TmpCellInfo.cellConfig = cell_FACH_2_PRACH_NoConn)]			No RRC connection is establis hed Use CCCH configuration

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1311 ⌘ **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_wk09.
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	15/03/05
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 3GPPTR 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:	⌘	Problems in verification of test cases contained in IR_U_wk09.
Summary of change:	⌘	See attached detailed change descriptions.
Consequences if not approved:	⌘	The affected test cases wil not run properly.

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.

3GPP T1#1-TTCN e-Mail 2005 ⌘***R5s050110***

17 Feb - 31 Dec 2005

Title:	Summary of regression errors for IR_U_wk09.
Source:	Rohde & Schwarz
Agenda Item:	TTCN Issues
Document for:	Approval
Contact:	Holger Jauch holger.jauch@rsd.rohde-schwarz.com Tel. +49 89 4129 11534

3 1 Overview

This document is a CR on multiple TTCN objects contained in the IR_U_wk09 ATS. It results from problems in the verification of approved test cases contained in the ATS.

4 2 Table of Contents

5 3 Verification Test Summary

Affected Test Cases: tc_8_1_2_12, tc_8_3_11_1, tc_8_3_7_1, tc_8_3_7_2, tc_8_3_7_3, tc_8_3_7_4, tc_8_3_7_13, tc_8_3_7_16, tc_8_3_9_3, tc_8_3_9_5

ATS Version: IR_U_wk09.mp

6 4 Corrections required for test case 8.3.9.5

6.1 4.1 Introduction

This CR presents multiple TTCN objects contained in the IR_U_wk09 ATS. It results from problems in the verification of approved test cases contained in the ATS.

The ATS enclosed in R5s050110.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: 'Affected' means directly or indirectly affected; there is not necessarily a change label in all the Dynamic Behaviour table of each affected test case.

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.

6.2 4.2 Presentation of the modifications

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

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

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

Table 1: Example Change Table

TTCN object	*tc_8_3_9_5*
Reference ATS	*IR_U_wk09.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.

6.3 4.3 Modifications inside test case behaviour tables

6.3.1 4.3.1 tc_8_3_9_5

TTCN object	tc_8_3_9_5
Reference ATS	IR_U_wk09.mp [2]
Change Label	WA#2G3RRC0563
Reason for change	The ?TIMEOUT t_WaitMS statement at the end of lt_LocalTest has no FAIL verdict, although reselection does not occur (in time).
Summary of change	Add verdict (F).
Other affected objects	
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			

...

21		+ts_UplinkTBFOnePhase(tsc_GSM_CellA, tsc_PhyCh1)			
22		CANCEL t_WaitMS			@sic R5s050072 sic@
23		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEEntity, cbr_RA_UpdReqAny (?, ?, ?))		
24		+ts_DownlinkTBFEstablishment(tsc_GSM_CellA, tsc_PhyCh1, bcch)			
25		G_LLC ! G_LLC_UNITDATA_REQ	cas_G_LLC_UnitData_Req(tsc_LLEEntity, tcv_TLLI, tsc_LLCSapi_GMM, tsc_LLC_PM, px_GSM_CipheringOnOff, cs_RA_UpdAcc3 (c_GMM_UpdateResultCombRA_LA, c_RAI_v (tcv_G_CellInfoA.mcc, tcv_G_CellInfoA.mnc, tcv_G_CellInfoA.lac, tcv_RAC), OMIT, OMIT, -))		step g Update result = 'RA updated' Mobile identity =
26		+lt_Paging			Page the UE to check whether it has released all UTRAN resources
27		?TIMEOUT t_WaitMS		(F)	@sic R5s050072 sic@ WA#2G3RRC0563

...

6.4 4.4 Other modifications

6.4.1 4.4.1 IntersystemGPRS

TTCN object	IntersystemGPRS
Reference ATS	IR_U_wk09.mp [2]
Change Label	WA#2G3RRC0560
Reason for change	There is no line recognizing a G_LLC ASP.
Summary of change	Add line G_LLC ?OTHERWISE (INCONC) at the end.
Other affected objects	
ETSI comment	
R&S conclusion	

Default

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

...	La...	Behaviour Description	Constraint Ref	...	Comments
1	DFF1	CRLC?CRLC_Integrity_Failure_IND	car_CRLC_IntegrityFail	(F)	
...					
48		CPHY?OTHERWISE			
49	DFI7	CANCEL		(I)	
50		G_LLC ?OTHERWISE			WA#2G3RRC0560
51	DFI8	CANCEL		(I)	

Detailed Comment:	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.

6.4.2 4.4.2 ts_G_Authentication

TTCN object	ts_G_Authentication
Reference ATS	IR_U_wk09.mp [2]
Change Label	WA#2G3RRC0484
Reason for change	ts_G_Authentication has no default assigned. Note: This affects many IR-GERAN and UTRAN test cases.
Summary of change	Add default IntersystemDef to ts_G_Authentication.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Step

Test Step Id:	ts_G_Authentication (p_CellId : INTEGER)
Test Step Group Ref:	IdleUpdate/
Objective:	
Defaults:	IntersystemDef
Comments:	WA#2G3RRC0484

Nr	...	Behaviour Description	Constraint Ref	V...	Comments
1		+ts_MM_AuthenticationInit			
2		G_L2 ! G_L2_DATA_REQ	cas_G_L2_DATA_REQ (p_CellId , 0, tsc_PhyCh0, tcv_RR_ChannelType, tcv_RR_Subchannel, c_G_RFN_Omit , c_AuthReq(tcv_CS_KeySeq, tcv_AuthRAND, c_AUTN(tcv_AuthAUTN)))		Send Authenticaton Request @sic ER1878 sic@

...

6.4.3 4.4.3 ts_G_DetachOnSwitchOff

TTCN object	ts_G_DetachOnSwitchOff
Reference ATS	IR_U_wk09.mp [2]
Change Label	WA#2G3RRC0549
Reason for change	ts_G_DetachOnSwitchOff can be used when the SS simulates a 'GSM only' cell or a GPRS cell. In tc_6_2_1_1 and tc_6_2_1_6 e.g. It simulates a 'GSM only' cell (see ts_SendDefSysInfoGSM_With3SI2ter/+ts_SendGSMSysInfo(p_CellId, p_PhyCh, gsmonly, bcch, p_SI2quater)). NMO I operation is used in this case. But if It_Detach_NMO1 is executed and pc_GPRS is TRUE, GPRS detach behaviour is expected from the UE. Note: This affects tc_6_2_1_1, tc_6_2_1_6, tc_8_3_11_1, tc_8_3_7_1, tc_8_3_7_13, tc_8_3_7_16, tc_8_3_7_2, tc_8_3_7_3, tc_8_3_7_4.
Summary of change	Reorganize It_Detach_NMO1 so that a Channel Request is expected from the UE and depending on the establishment cause / random reference the GPRS or GSM branch is taken.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Step

Test Step Id:	ts_G_DetachOnSwitchOff (p_CellId : INTEGER)
Test Step Group Ref:	M_RAT_HO_GPRS_Specific/
Objective:	
Defaults:	IntersystemGPRS
Comments:	

...	...	Behaviour Description	Constraint Ref	...	Comments
1		[pc_SwitchOnOff]			UE can actually be switch ed off
...					
It_Detach_NMO1					
20		+ts_UplinkTBFOnePhase(p_CellId, tsc_PhyCh1)			SS simulates GPRS cell WA#2G3RRC0549
21		[pc_G_operation_mode_C AND pc_GPRS]			
22		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEE ntity, cr_DetachReq (c_DetachType('1' B, '001'B), ?, ?))		DETACH REQUEST - 'power switched off, GPR S detach'
23		[pc_GPRS]			
24		G_LLC ? G_LLC_UNITDATA_IND	car_G_LLC_UnitData_IND(tsc_LLEE ntity, cr_DetachReq (c_DetachType('1' B, '011'B), ?, ?))		DETACH REQUEST - 'power switched off, com bined detach'
25		[TRUE]		(F)	
26		+ts_G_IMSIDetach (p_CellId)			@sic T1-050092 sic@ SS simulates 'GSM only' c ell; pc_GPRS can still be t rue.

Detailed Comment: See 3GPP 24.008 / 4.7.4

6.4.4 4.4.4 ts_GSM_InitVariables_OneCell

TTCN object	ts_GSM_InitVariables_OneCell
Reference ATS	IR_U_wk09.mp [2]
Change Label	WA#2G3RRC0214
Reason for change	In the qualifiers TS PArameter px_GSM_BandUnderTest is compared with literal numbers 1, 2 etc. instead of TS Constants associated with bands, as it is done in similar test steps. Note: This affects tc_6_2_1_9 and tc_6_2_2_2.
Summary of change	Use TS Constants like tsc_GSM_480Band_Test instead of literal numbers.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0219
Reason for change	The initialization does not cover the GSM_E_900Band. Note: This affects tc_6_2_1_9 and tc_6_2_2_2.
Summary of change	Add 'OR (px_GSM_BandUnderTest = tsc_GSM_E_900Band_Test)' in the qualifier of line 5.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Step

Test Step Id:	ts_GSM_InitVariables_OneCell
Test Step Group Ref:	GSM_Specific/
Objective:	
Defaults:	IntersystemDef
Comments:	@SIC_NAPP @sic Jitendra ER 1502 sic@ WA#2G3RRC0214

Nr	...	Behaviour Description	...	...	Comments
1		[px_GSM_BandUnderTest = tsc_GSM_480Band_Test]			
2		(tcv_G_CellInfoA := c_G_CellConfigInfoGSM480_CellA)			
3		[px_GSM_BandUnderTest = tsc_GSM_450Band_Test]			
4		(tcv_G_CellInfoA := c_G_CellConfigInfoGSM450_CellA)			
5		[(px_GSM_BandUnderTest = tsc_GSM_E_900Band_Test) OR (px_GSM_BandUnderTest = tsc_GSM_P_900Band_Test)]			WA#2G3RRC0219
6		(tcv_G_CellInfoA := c_G_CellConfigInfoGSM900_CellA)			
7		[px_GSM_BandUnderTest = tsc_GSM_DCS1800Band_Test]			
8		(tcv_G_CellInfoA := c_G_CellConfigInfoGSM1800_CellA)			
9		[px_GSM_BandUnderTest = tsc_GSM_PCS1900Band_Test]			
10		(tcv_G_CellInfoA := c_G_CellConfigInfoGSM1900_CellA)			
11		[px_GSM_BandUnderTest = tsc_GSM_450_900MultiBand_Test]			
12		(tcv_G_CellInfoA := c_G_CellConfigInfoGSM450_900)			
13		[px_GSM_BandUnderTest = tsc_GSM_480_900MultiBand_Test]			
14		(tcv_G_CellInfoA := c_G_CellConfigInfoGSM480_900)			
15		[px_GSM_BandUnderTest = tsc_GSM_480_1800MultiBand_Test]			
16		(tcv_G_CellInfoA := c_G_CellConfigInfoGSM480_1800)			
17		[px_GSM_BandUnderTest = tsc_GSM_900_1800MultiBand_Test]			
18		(tcv_G_CellInfoA := c_G_CellConfigInfoGSM900_1800)			
19		[px_GSM_BandUnderTest = tsc_GSM_450_1800MultiBand_Test]			
20		(tcv_G_CellInfoA := c_G_CellConfigInfoGSM450_1800)			
21		[TRUE]			

Detailed Comment:

6.4.5 4.4.5 ts_GSM_RegistrationWithoutRRConreq

TTCN object	ts_GSM_RegistrationWithoutRRConreq
Reference ATS	IR_U_wk09.mp [2]
Change Label	WA#2G3RRC0400
Reason for change	This test step is called after a G_L2_ACCESS_IND with a channel request message has been received. The UE may continue sending these messages, which will then be received in ts_GSM_RegistrationWithoutRRConreq in lt_CompleteRRConnection, before the G_L2_L2Estab_IND(cr_G_LocationUpdatingRequest) is received. The G_L2?OTHERWISE statement will match and the (F) verdict will be assigned. Note: This affects tc_6_2_1_9, tc_6_2_1_1 and tc_6_2_1_6.
Summary of change	Remove the line with the OTHERWISE statement (line 12). The channel request will then be received/accepted in the default IntersystemDef. Note: a different possible solution would be to add a label to line 11 and receive the additional channel request(s) explicitly in the test step, followed by a GOTO to the new label.
Other affected objects	
ETSI comment	
R&S conclusion	

Test Step

Test Step Id:	ts_GSM_RegistrationWithoutRRConreq(p_CellId : INTEGER)
Test Step Group Ref:	GSM_Specific/
Objective:	
Defaults:	IntersystemDef
Comments:	WA#2G3RRC0400

Nr	...	Behaviour Description	Constraint Ref	V...	Comments
1		+ts_G_SetTmpCellConfigInfo (p_CellId)			
2		+lt_CompleteRRConnection			
3		+ts_G_ReceiveOptSuspend(tsc_PhyCh0, 4)			@sic T1s040536 sic@
4		+ts_G_Authentication (p_CellId)			Send Authentication Request and receieve Authentication Response
5		+ts_G_Ciphering_Mode_Setting (p_CellId ,tsc_PhyCh0)			Send Ciphering Mode Command and receieve Ciphering Mode Complete
6		+ts_G_Loc_UpdatingAccept (p_CellId)			Send Location Updating Accept and receiece TMAI Reallocation Complete
7		+ts_G_ChannelRelease (p_CellId, tsc_PhyCh0)			Send Channel Release and receieve Release Data Link Indication
lt_CompleteRRConnection					

8		(tcv_RR_RA := (BIT_TO_INT (tcv_ChRequest.estCauRandomRef)))			
9		G_L2 ! G_L2_UNITDATA_REQ	cas_G_L2_UNITDATA_REQ (p_CellId, tsc_PhyCh0, 3, 15, c_G_RFN_Omit, cs_ImmediateAssignment (tcv_G_CellConfigInfo.bCCH_Freq, tcv_G_CellConfigInfo.bcc, tcv_RR_RA ,tcv_RR_RFN))		Send immediate assignment message @sic ER1621, T1s040536 sic@
10		START t_T3101			
11		G_L2 ? G_L2_L2Estab_IND (tcv_RR_ChannelType:= G_L2_L2Estab_IND.g_LogicChType, tcv_RR_Subchannel := G_L2_L2Estab_IND.subChannel) CANCEL t_T3101	car_G_L2_L2Estab_IND (p_CellId, cr_G_LocationUpdatingRequest)	(P)	Service Request (Location Updating Request) @sic ER 1878 sic@
12		?TIMEOUT t_T3101		(F)	

Detailed Comment:

6.5 4.5 Changes referred to from previous CRs

N/A

7 5 Supplementary information

7.1 5.1 ATS

The TTCN ATS in R5s050110.zip [1] contains test cases tc_8_1_2_12, tc_8_3_11_1, tc_8_3_7_1, tc_8_3_7_2, tc_8_3_7_3, tc_8_3_7_4, tc_8_3_7_13, tc_8_3_7_16, tc_8_3_9_3, tc_8_3_9_5, which are all affected by the changes described above.

8 6 References

[1]	R5s050110.zip Archive comprising the TTCN MP file for the current CR (supplementary information).
[2]	IR_U_wk09.mp ETSI InterRAT UTRAN ATS, version week 09 (2005).

9 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#2G3RRC0214	ts_GSM_InitVariables_OneCell	IR_U_wk09.mp [2]
WA#2G3RRC0219	ts_GSM_InitVariables_OneCell	IR_U_wk09.mp [2]
WA#2G3RRC0400	ts_GSM_RegistrationWithoutRRConreq	IR_U_wk09.mp [2]
WA#2G3RRC0422	ts_SS_Reconf_DPCH_Speech	IR_U_wk09.mp [2]
WA#2G3RRC0484	ts_G_Authentication	IR_U_wk09.mp [2]
WA#2G3RRC0549	ts_G_DetachOnSwitchOff	IR_U_wk09.mp [2]
WA#2G3RRC0560	IntersystemGPRS	IR_U_wk09.mp [2]
WA#2G3RRC0563	tc_8_3_9_5	IR_U_wk09.mp [2]

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1312** ⌘ **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 RRC P2 TC 8.3.1.21
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	16/03/05
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:	⌘	1) According to section 8.1.1.1.2 of 25.331, UE in Connected Mode will read only SIB 4 if SIB4 is broadcasted and will not read Idle mode SIB 3. But in test case 8.3.1.21 though UE is in Connected Mode SS Modifies only Idle Mode SIB 3. A conformant UE will FAIL to behave according to the test case since UE will not be able to read the Modification made to the Idle mode SIB 3 at the expected sequence 1a. Please note a Prose CR for this will be presented in the next RAN5 meeting. 2) SS Reconfigures MAC Immediately after sending the Cell Update Confirm message to UE. There is a good chance that UE may not receive this message due SS reconfiguration.
Summary of change:	⌘	1) Test Case is modified to send Connected Mode SIB 4 with Modification. Changes to Idle Mode SIB 3 is removed from step 1a of test case. 2) A delay of 30ms is added after sending cell update confirm message at line 19 of the test case.
Consequences if not approved:	⌘	Test case may FAIL a Conformant UE.

Clauses affected:	⌘	tc_8_3_1_21			
		Y	**N**		
Other specs affected:	⌘		**X**	Other core specifications	⌘ A prose CR for 34.123-1 will be raised to address change 1
			X	Test specifications	
			X	O&M Specifications	

Other comments: ⌘

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

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

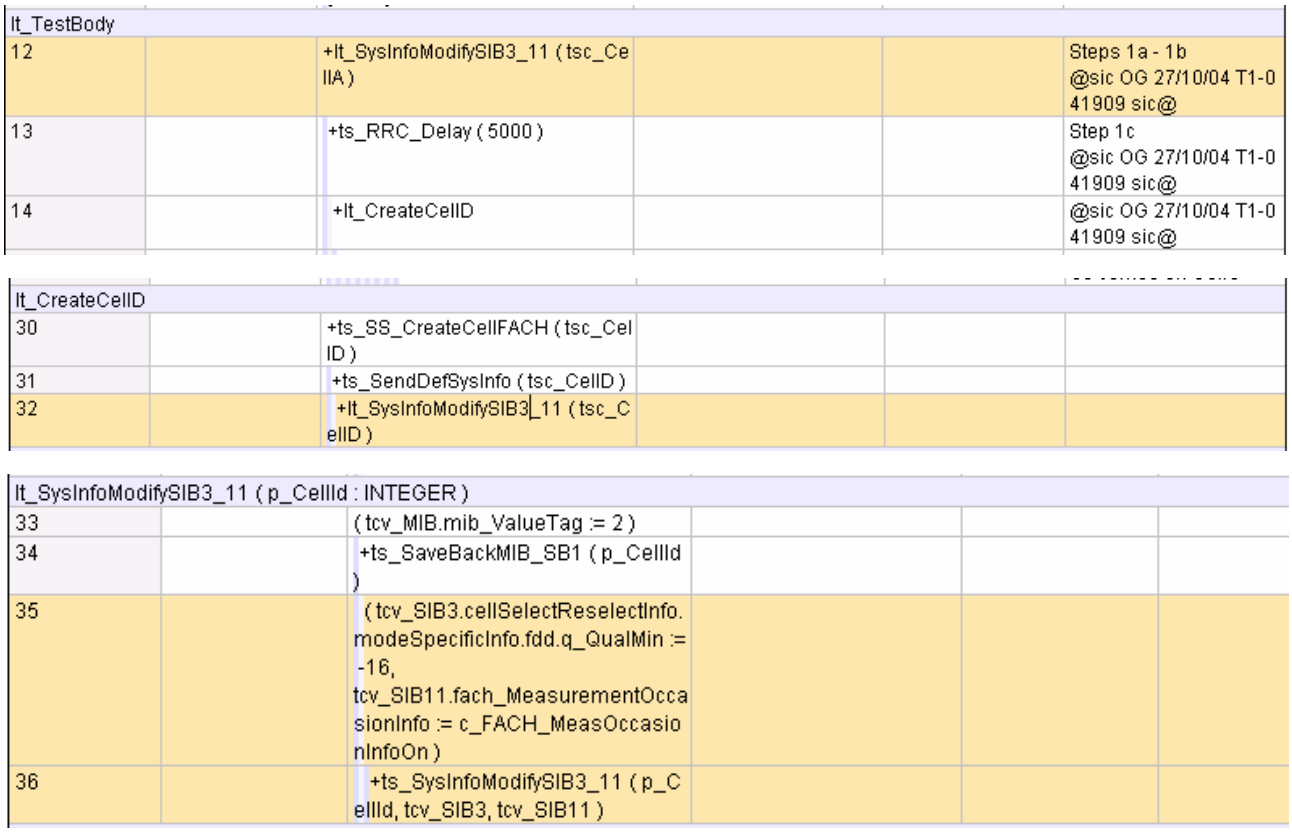
2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest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

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

Change 1:

Local Tree and test step	2. lt_SysInfoModifySIB3_11 of tc_8_3_1_21 3. ts_SysInfoModifySIB3_11
Reason for change	According to section 8.1.1.1.2 of 25.331, UE in Connected Mode will read only SIB 4 if SIB4 is broadcasted and will not read Idle mode SIB 3. But in test case 8.3.1.21 though UE is in Connected Mode SS Modifies only Idle Mode SIB 3. A conformant UE will FAIL to behave according to the test case since UE will not be able to read the Modification made to the Idle mode SIB 3 at the expected sequence 1a. Please note a Prose CR for the same will be presented in the next RAN5 meeting
Summary of change	TTCN is modified to change Connected Mode SIB 4 instead of idle mode SIB3 when System information is changed for test case 8.3.1.21 at Step 1a of the expected sequence. 4. Name of Local tree lt_SysInfoModifySIB3_11 is changed to lt_SysInfoModifySIB4_11 and TTCN is changed to modify SIB4 instead of SIB3. **5.** A new test step ts_SysInfoModifySIB4_11 is introduced to send modified SIB4 and SIB11.
Source of change	New change

Before:



lt_TestBody					
12		+lt_SysInfoModifySIB3_11 (tsc_CellA)			Steps 1a - 1b @sic OG 27/10/04 T1-041909 sic@
13		+ts_RRC_Delay (5000)			Step 1c @sic OG 27/10/04 T1-041909 sic@
14		+lt_CreateCellD			@sic OG 27/10/04 T1-041909 sic@

lt_CreateCellD					
30		+ts_SS_CreateCellFACH (tsc_CellD)			
31		+ts_SendDefSysInfo (tsc_CellD)			
32		+lt_SysInfoModifySIB3_11 (tsc_CellD)			

lt_SysInfoModifySIB3_11 (p_CellId : INTEGER)					
33		(tcv_MIB.mib_ValueTag := 2)			
34		+ts_SaveBackMIB_SB1 (p_CellId)			
35		(tcv_SIB3.cellSelectReselectInfo.modeSpecificInfo.fdd.q_QualMin := -16, tcv_SIB11.fach_MeasurementOccasionInfo := c_FACH_MeasOccasionInfoOn)			
36		+ts_SysInfoModifySIB3_11 (p_CellId, tcv_SIB3, tcv_SIB11)			

Test Step Id:	ts_SysInfoModifySIB3_11(p_CellId : INTEGER; p_SIB3: SysInfoType3; p_SIB11:SysInfoType11)
Test Step Group Ref:	RRCM_SysInfo/
Objective:	To brodcast modified system infomation SIB 3 and SIB11, sent as parameters. Default scheduling is Used.
Defaults:	InitOtherwiseFail
Comments:	

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		[px_RAT = fdd]			
2		+ ts_InitMIB_SB1 (p_CellId)			
3		+ts_SendSIB3(p_SIB3, p_CellId, tsc_Now)			
4		+ts_SendSIB11(p_SIB11, p_CellId, tsc_Now)			
5		+ts_SendSB1_DefSchedul(tcv_SB1, p_CellId, tsc_Now)			
6		+ts_SendMIB(tcv_MIB, p_CellId, tsc_Now)			
7		+ts_SendPage1_ModifySI(p_CellId, tcv_MIB.mib_ValueTag)			
8		+ts_SaveBackMIB_SB1 (p_CellId)			
9		[px_RAT = tdd]		I	
10		[TRUE]		I	

After:

lt_TestBody					
12		+lt_SysInfoModifySIB4_11 (tsc_CellA)			Steps 1a - 1b @sic OG 27/10/04 T1-041909 sic@
13		+ts_RRC_Delay (5000)			Step 1c @sic OG 27/10/04 T1-041909 sic@
14		+lt_CreateCellD			@sic OG 27/10/04 T1-041909 sic@
15		+ts_SetAttenuationLevel (tsc_CellA, 12)			Step 2 Set Atte as per table 8.3.1.21-1 of T1. Cell A requires -72 dBm.

lt_CreateCellD					
31		+ts_SS_CreateCellFACH (tsc_CellD)			
32		+ts_SendDefSysInfo (tsc_CellD)			
33		+lt_SysInfoModifySIB4_11 (tsc_CellD)			

lt_SysInfoModifySIB4_11 (p_CellId : INTEGER)					
34		(tcv_MIB.mib_ValueTag := 2)			
35		+ts_SaveBackMIB_SB1 (p_CellId)			
36		(tcv_SIB4.cellSelectReselectInfo.modeSpecificInfo.fdd.q_QualMin := -16, tcv_SIB11.fach_MeasurementOccasionInfo := c_FACH_MeasOccasionInfoOn)			
37		+ts_SysInfoModifySIB4_11 (p_CellId, tcv_SIB4, tcv_SIB11)			

New Test Step:

Test Step					
Test Step Id:	ts_SysInfoModifySIB4_11(p_CellId : INTEGER; p_SIB4: SysInfoType4 p_SIB11:SysInfoType11)				
Test Step Group Ref:	RRCM_SysInfo/				
Objective:	To brodcast modified system infomation SIB 3 and SIB11, sent as parameters. Default scheduling is Used.				
Defaults:	InitOtherwiseFail				
Comments:					

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		[px_RAT = fdd]			
2		+ ts_InitMIB_SB1 (p_CellId)			
3		+ts_SendSIB4(p_SIB4, p_CellId, tsc_Now)			
4		+ts_SendSIB11(p_SIB11, p_CellId, tsc_Now)			
5		+ts_SendSB1_DefSchedul(tcv_SB1, p_CellId, tsc_Now)			
6		+ts_SendMIB(tcv_MIB, p_CellId, tsc_Now)			
7		+ts_SendPage1_ModifySI(p_CellId, tcv_MIB.mib_ValueTag)			
8		+ts_SaveBackMIB_SB1 (p_CellId)			
9		[px_RAT = tdd]		I	
10		[TRUE]		I	

Change 2:

Local Tree and test step	lt_TestBody of tc_8_3_1_21
Reason for change	SS Reconfigures MAC Immediately after sending the Cell Update Confirm message to UE. There is a good chance that UE may not receive this message due SS reconfiguration.
Summary of change	TTCN is modified to add a delay of 30ms after sending cell update confirm message at line 19 of the test case.
Source of change	New change

After:

19		UM ! RLC_UM_DATA_REQ (tcv_CellInfoD.cRNTI := tsc_New_CRNTI2)	cas_RRC_CellUpdateCnf (tsc_CellDedicated, tsc_RB1, cs_CellUpdateCnfGeneric DCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT, tsc_New_CRNTI2, cell_FACH, OMIT, OMIT,OMIT,OMIT,OMIT ,OMIT))		step 3; @sic Jitendra CR# T1S 040049 sic@ @sic OG 10/03/04 T1-040094 sic@
20		+ ts_RRC_Delay (30)			
21		+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellID, tcv_CellInfoD.uRNTI, tcv_CellInfoD.cRNTI)			SS reconfiguration @sic Jitendra CR# T1S 040049 sic@ @sic OG 10/03/04 T1-040094, ER1565 sic@
22		START t_WaitS			
23	TBF1	? TIMEOUT t_WaitS		(F)	
24	TBP2	AM ? RLC_AM_DATA_IND CANCEL t_WaitS	car_RRC_UtranMobilityInfoCnf (tsc_CellDedicated, tsc_RB2, cr_108_UTRAN_MobilityInfoCnf (tcv_RRC_Ti))	(P)	Step 4 @sic OG 26/05/04 T1-040510 sic@

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1313** ⌘ **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 NAS Package 4 TC 12.4.1.4a
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	TEI
Date:	⌘	15/03/2005
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: ⌘ Test case 12.4.1.4a behaviour is not according to core spec 25.331. The SS should not send SECRITY MODE COMMAND again in a CN domain if no new integrity keys needs to be communicated to the UE. Core spec 25.331 extract:

9.1.1 8.1.12.2.2Integrity protection configuration change

To start or modify integrity protection, UTRAN sends a SECURITY MODE COMMAND message on the downlink DCCH in AM RLC using the new integrity protection configuration. **UTRAN should not "modify" integrity protection for a CN domain to which a SECURITY MODE COMMAND configuring integrity protection has been previously sent for an ongoing signalling connection unless the application of new integrity keys needs to be signalled to the UE.**

Summary of change: ⌘ Removal of calling the following test step:

+ ts_RRC_Security (

tsc_CellD,

tcv_PS_AuthCK,

tcv_PS_AuthIK,

tcv_AuthKcGSM,

FALSE, ps_domain)

		Located at line 62, in lt_Attach_Steps_17To20
Consequences if not approved:	⌘	Test case behaviour not conformant to core spec

Clauses affected:	⌘	tc_12_4_1_4a			
		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:

58		Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_RA_UpdRej (tsc_RejCauLA_Not))		Step 10. ROUTING AREA UPDATING REJECT - cause = 'Location Area not allowed'
59		+ts_RRC_ConnRel (tsc_CellB, cell_Dch)			
lt_Attach_Steps_17To20					
60		+ ts_MM_RegistrationHandleAttachReqIMSI (tsc_CellD)			Step 17-18. CS registration If UE Operation mode A. Handle the receipt of ATTACH REQ @sic VB Handle Attach req during CS registration sic@
61		+ts_GMM_AuthenticateAndStartIntegrityProtection (tsc_CellD)			
62		+ ts_RRC_Security (tsc_CellD, tcv_PS_AuthCK, tcv_PS_AuthIK, tcv_AuthKcGSM, FALSE, ps_domain)			
63		Dc ! RRC_DataReq (tcv_AssignedPTMSI := px_PTMSI_2, tcv_Assigned_PTMSI_Sig := px_PTMSI_Sig2)	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachAcc6 (c_GMM_AttachResultPS_Only, c_RAI_v (tcv_CellInfoD.mcc,		Step 19. ATTACH ACCEPT - Attach result 'PS only' - RAI corresponding to cell D

			tcv_CellInfoD.mnc, tcv_CellInfoD.lac, tcv_CellInfoD.rac), c_PTMSI_Signature (px_PTMSI_Sig2), c_MobileIdPTMSI (px_PTMSI_2), - , c_EquivalentPLMN (tcv_CellInfoA.mcc, tcv_CellInfoA.mnc)))		- P-TMSI-2 - P-TMSI signature 2 @sic VB e-PLMN sic@

After:

58		Dc ! RRC_DataReq	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_RA_UpdRej (tsc_RejCauLA_Not))		Step 10. ROUTING AREA UPDATING REJECT - cause = 'Location Area not allowed'
59		+ts_RRC_ConnRel (tsc_CellB, cell_Dch)			
lt_Attach_Steps_17To20					
60		+ ts_MM_RegistrationHandleAttachReqIMSI (tsc_CellD)			Step 17-18. CS registration If UE Operation mode A. Handle the receipt of ATTACH REQ @sic VB Handle Attach req during

					CS registration sic@
61		+ts_GMM_AuthenticateAndStartIntegrityProtection (tsc_CellD)			
62		Dc ! RRC_DataReq (tcv_AssignedPTMSI := px_PTMSI_2, tcv_Assigned_PTMSI_Sig := px_PTMSI_Sig2)	ca_PS_DataReq (tsc_CellDedicated, tsc_RB3, cs_AttachAcc6 (c_GMM_AttachResultPS_Only, c_RAI_v (tcv_CellInfoD.mcc, tcv_CellInfoD.mnc, tcv_CellInfoD.lac, tcv_CellInfoD.rac), c_PTMSI_Signature (px_PTMSI_Sig2), c_MobileIdPTMSI (px_PTMSI_2), - , c_EquivalentPLMN (tcv_CellInfoA.mcc, tcv_CellInfoA.mnc)))		Step 19. ATTACH ACCEPT - Attach result 'PS only' - RAI corresponding to cell D - P-TMSI-2 - P-TMSI signature 2 @sic VB e-PLMN sic@

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1315** ⌘ **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 for the MM test step “ts_GMM_RAU_AcceptEPLMN”
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	11/03/05
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:	⌘	In MM test step “ts_GMM_RAU_AcceptEPLMN” at line #10, timer t_WaitS is not cancelled after receiving the “ROUTING AREA UPDATING REQUEST “ message from UE.
Summary of change:	⌘	Added "CANCEL t_WaitS" at line#10 of “ts_GMM_RAU_AcceptEPLMN” test step.
Consequences if not approved:	⌘	9_4_8 testcase may fail a conformant UE.

Clauses affected:	⌘	N/A			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	iWD-TVB2003-03_D05wk09 ATS is used as the reference.			

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

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

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

Change 1:

Test step	ts_GMM_RAU_AcceptEPLMN
Reason for change	In MM test step “ts_GMM_RAU_AcceptEPLMN” at line #10, timer t_WaitS is not cancelled after receiving the “ROUTING AREA UPDATING REQUEST “ message from UE.
Summary of change	Added "CANCEL t_WaitS" at line#10 of “ts_GMM_RAU_AcceptEPLMN” test step.
Source of change	New change

Before :

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Co
1		[pc_PS = TRUE]			
2		+lt_GMM_RAU_Accept(p_CellId)			Connection handling of ate
3		[pc_PS = FALSE]			
lt_GMM_RAU_Accept(p_CellId : INTEGER)					
4		[tcv_GMM_RAU_Rec = FALSE]			
5		+ts_SetTmpCellInfo (p_CellId)			
6		(tcv_GMM_RAU_Expect := FALSE)			Disable NA or RAU REC
7		[tcv_GMM_RAU_Rec = FALSE]			
8		START t_WaitS (5)			Wait 5 s to a st to arrive o connection
9	TSF1	?TIMEOUT t_WaitS		(F)	
10	TSP1	Dc ? RRC_DataInd (tcv_CellIndInfo.start_PS := RRC_DataInd.start)	car_PS_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(?,?),c_RAI_Any_v, ?))	(P)	ROUTING A REQUEST - Update typ - RAI inform ng
11		+lt_GMM_RAU_Continue			
12		[tcv_GMM_RAU_Rec = TRUE]			
13		+lt_GMM_RAU_Continue			
lt_GMM_RAU_Continue					

After :

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		[pc_PS = TRUE]			
2		+lt_GMM_RAU_Accept(p_CellId)			Connection Release incl. the handling of Area Update
3		[pc_PS = FALSE]			
lt_GMM_RAU_Accept(p_CellId : INTEGER)					
4		[tcv_GMM_RAU_Rec = FALSE]			
5		+ts_SetTmpCellInfo (p_CellId)			
6		(tcv_GMM_RAU_Expect := FALSE)			Disable NAS default for RAU REQUEST
7		[tcv_GMM_RAU_Rec = FALSE]			
8		START t_WaitS (5)			Wait 5 s to allow RA st to arrive on the sa connection
9	TSF1	?TIMEOUT t_WaitS		(F)	
10	TSP1	Dc ? RRC_DataInd (tcv_CellIndInfo.start_PS := RRC_DataInd.start) CANCEL t_WaitS	car_PS_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cbr_RA_UpdReqAny (c_GMM_UpdateType_v(?,?), c_RAI_Any_v, ?))	(P)	ROUTING AREA UP REQUEST - Update type = 'RA u - RAI information not ing @ganga Add Cancel t_WaitS
11		+lt_GMM_RAU_Continue			
12		[tcv_GMM_RAU_Rec = TRUE]			
13		+lt_GMM_RAU_Continue			
lt_GMM_RAU_Continue					

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1316 ⌘ **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 SMS Test Suite for AT Commands
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	10/03/2005
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:	⌘	In the R5s050091 CR PIXITs px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3 were added. These pixits are used as input to the test step ts_AT_CPMS. This test step should send the following AT command to UE: AT+CPMS=”SM”,”SM”,”MT”. However due to the change in input parameter due to above CR, the test step now generates following AT command: AT+CPMS=SM,SM,MT. Need to take care for “” in the test step.
Summary of change:	⌘	Changed line 7, 8, 10 and 11.
Consequences if not approved:	⌘	The testcase may fail a conformant UE.

Clauses affected:	⌘	N/A

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

Other comments:	⌘	IWD NAS_wk09 ATS is used as reference for TTCN changes.

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

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

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

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

Change 1.

TTCN Reference	ts_AT_CPMS
Reason for change	In the R5s050091 CR PIXITs px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3 were added. These pixits are used as input to the test step ts_AT_CPMS. This test step should send the following AT command to UE: AT+CPMS=”SM”,”SM”,”MT”. However due to the change in input parameter due to above CR, the test step now generates following AT command: AT+CPMS=SM,SM,MT. Need to take care for “” in the test step.
Summary of change	Changed line 7, 8, 10 and 11.

Before Change:

```
lt_BuildAT_Cmd
7   (tcv_IA5_String1 := o_ConcatStrg(
    "AT+CPMS=",
    p_MEM1))                                   3.
8    (tcv_IA5_String2 := o_ConcatStrg(
    " ",
    p_MEM2))                                   4.
9     (tcv_IA5_String1 := o_ConcatStrg(
    tcv_IA5_String1,
    tcv_IA5_String2))                          5.
10    (tcv_IA5_String2 := o_ConcatStrg(
    " ",
    p_MEM3))                                   6.
11     (tcv_IA5_String1 := o_ConcatStrg(
    tcv_IA5_String1,
    tcv_IA5_String2))                          7.
12     (tcv_AT_Cmd := o_ConcatStrg(
    tcv_IA5_String1,
    "<CR>"))                                   8.
```

After Change:

```
lt_BuildAT_Cmd
7   (tcv_IA5_String1 := o_ConcatStrg(
    "AT+CPMS=""",
    p_MEM1))                                   3.
8    (tcv_IA5_String2 := o_ConcatStrg(
    """ """,
    p_MEM2))                                   4.
9     (tcv_IA5_String1 := o_ConcatStrg(
    tcv_IA5_String1,
    tcv_IA5_String2))                          5.
10    (tcv_IA5_String2 :=o_ConcatStrg(
    """ """,
    p_MEM3))                                   6.
11     (tcv_IA5_String1 := o_ConcatStrg(
    tcv_IA5_String1,
    tcv_IA5_String2))                          7.
12     (tcv_AT_Cmd := o_ConcatStrg(
    tcv_IA5_String1,
    """<CR>"))                                 8.
```

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1317 ⌘ **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:	⌘	Changes required to support Release 5
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	03/03/05
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 3GPPTR 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:	⌘	Baseline moving to Release 5 Dec04 version of core specifications
Summary of change:	⌘	Only the type definitions are provided in this document. All constraints using these definitions will also be updated accordingly in the TTCN, but are not listed here.
Consequences if not approved:	⌘	TTCN would not be in line with the latest core specifications, Release 5 test cases cannot be implemented

Clauses affected:	⌘	

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

Other comments:	⌘	These changes are transparent to a R99 UE. The over-the-air interface is not affected for R99 test cases.

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.

10 Table of Contents

11 Changes required to ASN.1 messages

11.1 Changes which require constraint modification

PDU definition	Field name	Previous definition	New definition
SysInfoType1	ue_ConnTimersAndConstants.T-317	ENUMERATED {s0(0), s10(1), s30(2), s60(3), s180(4), s600(5), s1200(6), s1800(7)}	ENUMERATED {infinity0(0), infinity1(1), infinity2(2), infinity3(3), infinity4(4), infinity5(5), infinity6(6), infinity7(7)}
UE_RadioAccessCapability	accessStratumReleaseIndicator	This field has been deleted	
UTRANMobilityInformation	ue_ConnTimersAndConstants.T-317	ENUMERATED {s0(0), s10(1), s30(2), s60(3), s180(4), s600(5), s1200(6), s1800(7)}	ENUMERATED {infinity0(0), infinity1(1), infinity2(2), infinity3(3), infinity4(4), infinity5(5), infinity6(6), infinity7(7)}
	DL_RLC_StatusInfo	timerEPC	dummy
InitDirectTransfer	IntraDomainNasNodeSelector.version.release99.cn_Type.Gsm-map-IDNNS	enteredparameter	dummy

11.2 Removal of unused optional fields

Several optional fields have been also been renamed in the new ASN.1 version. This field has been removed from all constraints where it was specified as OMIT. An example of fields that have been renamed are:

nonCriticalExtensions renamed to v4b0NonCriticalExtensions

12 Changes required to NAS messages

PDU Definition	Changes Required	Ref: 3GPP 24.008 clause
LOCATIONUPDATINGACCEPT	**New IE:** Emergency Number List	9.2.13
CALLCONFIRMED	**New IE:** Supported Codecs	9.3.2
EMERGENCYSETUP	**New IEs:** Supported Codecs, Emergency Category	9.3.8
MODIFY	**Delete IE:** Immediate Modification Indicator	9.3.13
SETUPdl	**New IE:** Backup Bearer Capability	9.3.23.1
SETUPul	**New IE:** Supported Codecs	9.3.23.2
ATTACHREQUEST	**New IE:** PS LCS Capability	9.4.1
ATTACHACCEPT	**New IEs:** Radio Priority for TOM (formerly spare4), Emergency Number List **Modified IE:** T3302Value is now 3 octets (new type)	9.4.2
ATTACHREJECT	**Modified IE:** T3302Value is now 3 octets (new type)	9.4.4
ROUTINGAREAUPDATEREQUEST	**New IE:** PC LCS Capability	9.4.14
ROUTINGAREAUPDATEACCEPT	**New IEs:** Network Feature Support, Emergency Number List **Modified IE:** T3302Value is now 3 octets (new type)	9.4.15
ROUTINGAREAUPDATEREJECT	**Modified IE:** T3302Value is now 3 octets (new type)	9.4.17
ACTIVATESECONDARYPDPCONTEXTREQUEST	**New IE:**Protocol Configuration Options	9.5.4
ACTIVATESECONDARYPDPCONTEXTACCEPT	**New IE:** Protocol Configuration Options	9.5.5
ACTIVATESECONDARYPDPCONTEXTREJECT	**New IE:** Protocol Configuration Options	9.5.6
REQUESTPDPCONTEXTACTIVATIONACTIVATION	**New IE:** Protocol Configuration Options	9.5.7
REQUESTPDPCONTEXTACTIVATIONREJECT	**New IE:** Protocol Configuration Options	9.5.8
MODIFYPDPCONTEXTREQUEST_dl	**New IE:** Protocol Configuration Options	9.5.9
MODIFYPDPCONTEXTREQUEST_ul	**New IE:** Protocol Configuration Options	9.5.10
MODIFYPDPCONTEXTACCEPT_dl	**New IE:** Protocol Configuration Options	9.5.11
MODIFYPDPCONTEXTACCEPT_ul	**New IE:** Protocol Configuration Options	9.5.12
MODIFYPDPCONTEXTREJECT	**New IE:** Protocol Configuration Options	9.5.13
DEACTIVATEPDPCONTEXTREQUEST	**New IE:** Protocol Configuration Options	9.5.14
DEACTIVATEPDPCONTEXTACCEPT	**New IE:** Protocol Configuration Options	9.5.15

IE Definition	Changes Required	Ref: 3GPP 24.008 clause
QualityOfService_lv	**New Fields:** Signalling Indication, Source Statistics Descriptor, Maximum bit rate for downlink(ext), Guaranteed bit rate for downlink (ext)	10.5.6.5

13 Changes required to CSN.1 messages

PDU Definition	Changes Required	Ref: 3GPP clause
SI2terRO (Sys Info 2ter Rest Octets)	**New Field:** 3G Additional Measurement Parameters Description	44.018, 10.5.2.33a
SI2quaterRO (Sys Info 2quater Rest Octets)	**New Field:** 3G Additional Measurement Parameters Description	44.018, 10.5.2.33b
SI6RO (Sys Info 6 Rest Octets)	**New Field:** GPRS_MS_TXPWR_MAX_CCH	44.018, 10.5.2.35a
PACKETUPLINKASSIGNMENT	**New Fields:** G-RNTI Extension, RB Id **Modified Fields:** Dynamic Allocation, Single Block Allocation, **Deleted Fields:** Fixed Allocation	44.060, 11.2.29
IARO (Immediate Assignment Rest Octets)	**New Fields:** Compressed_Inter_RAT_HO_INFO_IND **Modified Fields:** Packet Uplink Assignment, EGPRS Packet Uplink Assignment	44.018, 10.5.2.16
PACKETRESOURCEREQUEST	**New Fields:** G-RNTI Extension, Iu mode Channel Request Description, HFN_LSB	44.060, 11.2.16
MSCLMK3	**New Fields:** Extended DTM GPRS MultiSlot Class, High Multislot Capability, GERAN Iu Mode Capabilities, GERAN Feature Package 2, GMSK Multislot Power Profile, 8PSK Multislot Power Profile	24.008, 10.5.1.7

13.1 Changes required to TSOs

The TSOs **o_P_CheckClassmark3** and **o_O_CheckClassmark3** check the contents of MSCLMK3. Therefore these definitions also have to be updated accordingly

---

14 References

3GPP 25.331 v.5.b.0
3GPP 24.008 v5.c.0
3GPP 44.018 v5.i.0
3GPP 44.060 v5.e.0

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1318 ⌘ **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 package WI-12 NAS Test case 9_5_7_2
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	04/03/2005
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) 34.123-1 Section 9.5.7.2.3, Test purpose specifies ***"To check that the TMSI is not deleted from UE after reception of ABORT message with cause another than #6."*** Also as per expected sequence at step#14 UE shall send LOCATION UPDATING REQUEST with "Location updating type" = periodic updating, ***"Mobile Identity" = TMSI***. TTCN implementation uses test step ts_MM_LupPer2 to handle LOCATION UPDATE REQUEST, which does not check for "Mobile Identity" = TMSI. 2) As per expected sequence step#15 SS shall send LOCATION UPDATING ACCEPT with ***"Mobile Identity" = TMSI***. TTCN implementation uses test step ts_MM_LupPer2 to send LOCATION UPDATING ACCEPT, which does not include "Mobile Identity" = TMSI.
Summary of change:	⌘	1) TTCN implementaiton for tc_9_5_7_2 line#23 is corrected by using test step *ts_MM_LupInit*, with Mobile Identity set to TMSI in parameter list. 2) TTCN implementaiton for tc_9_5_7_2 line#23 is corrected by explicit step to send LOCATION UPDATING ACCEPT with Mobile Identity = TMSI in parameter list
Consequences if not approved:	⌘	The testcase may Pass a non-conformant UE.

Clauses affected:	⌘	N/A			
Other specs	⌘	Y: ☐ N: X	Other core specifications	⌘	

affected:		Test specifications O&M Specifications
Other comments:	⌘	IWD NAS_wk07 ATS is used as reference for TTCN changes.

How to create CRs using this form:

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

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

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

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

Change 1.

TTCN Reference	tc_9_5_7_2
Reason for change	1) 34.123-1 Section 9.5.7.2.3, Test purpose specifies ***"To check that the TMSI is not deleted from UE after reception of ABORT message with cause another than #6."*** Also as per expected sequence at step#14 UE shall send LOCATION UPDATING REQUEST with "Location updating type" = periodic updating, ***"Mobile Identity" = TMSI***. TTCN implementation uses test step ts_MM_LupPer2 to handle LOCATION UPDATE REQUEST, which does not check for "Mobile Identity" = TMSI. 2) As per expected sequence step#15 SS shall send LOCATION UPDATING ACCEPT with ***"Mobile Identity" = TMSI***. TTCN implementation uses test step ts_MM_LupPer2 to send LOCATION UPDATING ACCEPT, which does not include "Mobile Identity" = TMSI.
Summary of change	1) TTCN implementaiton for tc_9_5_7_2 line#23 is corrected by using test step *ts_MM_LupInit*, with Mobile Identity set to TMSI in parameter list. 2) TTCN implementaiton for tc_9_5_7_2 line#23 is corrected by explicit step to send LOCATION UPDATING ACCEPT with Mobile Identity = TMSI in parameter list

Before Change:

22		+ts_NAS_Delay(345000)			Step 13 5.
23		+ts_MM_LupPer2(tsc_CellA, 30000, tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tsc_LUT_Periodic)			Steps 13-15 6.
24		+ts_RRC_ConnRel(tsc_CellA, cell_Dch)			Step 16 Connection Release

After Change:

22		+ts_NAS_Delay(345000)			Step 13 5.
23		START t_Dly(30000)			Tolerance
24		+ts_MM_LupInit(tsc_CellA, c_MobileIdTMSI_Iv, tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tsc_LUT_Periodic, ?)			Step 13, 14 c_MobileIdTMSI_Def
25		CANCEL t_Dly			
26		DcRRC_DataReq	ca_DataReq(tsc_CellDedicated, tsc_RB3, c_LocUpdAcp(c_MobileIdTMSI_Def, tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac))	(P)	Steps 15 6.
27		+ts_RRC_ConnRel(tsc_CellA, cell_Dch)			Step 16 Connection Release

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1320 ⌘ **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:	⌘	Handling of L2 Acknowledgement on GERAN side.
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	2/03/05
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:	⌘	Improvements to TTCN as part of Regression on wk07 ATS.
Summary of change:	⌘	See detailed change description for further information.
Consequences if not approved:	⌘	

Clauses affected:	⌘	None

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.

15 Table of Contents

16 Corrections required for ATS IR_U_wk07 test suite

16.1 ChannelRelease

Affected Objects	ts_G_ChannelRelease & ts_G_ChannelRelease_ResumeGPRS – This in turn affects almost all ISHO test cases
Reason for Change	Currently a timer value of 2 sec is used to accept L2 acknowledgement of the Channel Release message. UE, which is quick enough to re-select the cell, will send Channel Request message within this timer. So it would be better if this message is in default.
Summary of Change	Aeroflex proposes to remove this message in main test step (also the timer associated with it) and handle this message in default.
Change Source	

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1321** ⌘ **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:	⌘	02/03/2005
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. At step 7 in the expected sequence of the test case a Cell Update message with Cause Radio Link Failure shall be sent. Constraint cdr_CellUpdateT315Expiry in this message has set am_RLC_ErrorIndicationRb2_3or4 to FALSE, but this could also be set to TRUE. This is because one can get a RLC reset on SRB2 during the Radio Link Failure and in this case it results in am_RLC_ErrorIndicationRb2_3or4 set to TRUE but according to TS 25.331 Clause 8.3.1.2 Radio Link Failure has higher priority and will be set in the Cell Update Cause.
Summary of change:	⌘	1. In Constraint cdr_CellUpdateT315Expiry changed from " am_RLC_ErrorIndicationRb2_3or4 to FALSE" to not checked.
Consequences if not approved:	⌘	A conformant UE might fail this TC.

Clauses affected:	⌘	tc_8_3_1_18

		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:

ASN.1 PDU Constraint Declaration	
Constraint Name:	cdr_CellUpdateT315Expiry (p_U_RNTI : U_RNTI; p_CellUpdate_Cause : CellUpdateCause)
Group:	
PDU Name:	UL_CCCH_Message
Derivation Path:	cbr_108_CellUpdate.
Encoding Rule Name:	
Encoding Variation:	
Comments:	
Constraint Value	
REPLACE message.cellUpdate.rb_timer_indicator.t314_expired BY FALSE, REPLACE message.cellUpdate.rb_timer_indicator.t315_expired BY TRUE	
Detailed Comment:	

After:

ASN.1 PDU Constraint Declaration	
Constraint Name:	cdr_CellUpdateT315Expiry (p_U_RNTI : U_RNTI; p_CellUpdate_Cause : CellUpdateCause)

Group:	
PDU Name:	UL_CCCH_Message
Derivation Path:	cbr_108_CellUpdate.
Encoding Rule Name:	
Encoding Variation:	
Comments:	

Constraint Value
REPLACE message.cellUpdate.am_RLC_ErrorIndicationRb2_3or4 BY *, REPLACE message.cellUpdate.rb_timer_indicator.t314_expired BY FALSE, REPLACE message.cellUpdate.rb_timer_indicator.t315_expired BY TRUE

Detailed Comment:	

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1322 ⌘ **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 IR_U P4 Approved test case 8.3.11.4
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	01/03/05
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 3GPPTR 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 is TTCN as part of Regression on wk07 ATS.
Summary of change:	⌘	This document lists all changes applied to test case 8.3.11.4
Consequences if not approved:	⌘	Test case may fail a conformant UE.
Clauses affected:	⌘	

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

Other comments: ⌘

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.

Title: Corrections required for ATS IR_U_wk07 test suite

Source: Aeroflex

Contact: **Kundan Sehmbey**
kundan.sehmbey@aeroflex.com
Tel. +44 1628 610639

17 Table of Contents

18 Corrections required for ATS IR_U_wk47 test suite

18.1 It_SubTest

TTCN object	tc_8_3_11_4
Reference ATS	*IR_U_wk07.mp*[2]
Change Label	*AEROFLEX#IR_U* 0361
Reason for change	A delay of 100 ms is sufficient to allow cell update confirm message to reach UE. If the delay is more, then UE might fail to synchronise with the SS.
Summary of change	In It_SubTest, row # 35, used a delay of 100 ms instead of using the value tsc_WaitBeforeFACH_Conf.
Other affected objects	
ETSI comment	
Aeroflex conclusion	

Before Change

34		(tcv_CellInfoA.dl_DPCH_2ndScrCode := 2)	
35		+ts_RRC_Delay(tsc_WaitBeforeFACH_Conf)	
36		+ts_CRLC_ReconfRLC_Size (FALSE)	
37		+ts_SS_ReconfFACH_ToDCH_CS_PS (tsc_CellA)	
38		+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA,tcv_RRC_RAB_Type)	
39	TSP1	AM ? RLC_AM_DATA_IND	car_CellChangeOrderFromUTRANFailure(tsc_CellDedicated, tsc_RB2, cr_CellChangeOrderFromUTRANFailure (tcv_RRC_Ti, physicalChannelFailure:NULL))

After Change

34		(tcv_CellInfoA.dl_DPCH_2ndScrCode := 2)	
35		+ts_RRC_Delay(100)	
36		+ts_CRLC_ReconfRLC_Size (FALSE)	
37		+ts_SS_ReconfFACH_ToDCH_CS_PS (tsc_CellA)	
38		+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA,tcv_RRC_RAB_Type)	
39	TSP1	AM ? RLC_AM_DATA_IND	car_CellChangeOrderFromUTRANFailure(tsc_CellDedicated, tsc_RB2, cr_CellChangeOrderFromUTRANFailure (

18.2 ts_SS_ReconfFACH_ToDCH_CS_PS

TTCN object	tc_8_3_11_4
Reference ATS	*IR_U_wk07.mp*[2]
Change Label	*AEROFLEX#IR_U* 0362
Reason for change	During DCH to FACH transition Radio Bearer –3 was configured but not released while reconfiguring FACH to DCH.
Summary of change	Used the test step 'ts_CRLC_Rel' to release radio bearer –3 before releasing CMAC.
Other affected objects	
ETSI comment	
Aeroflex conclusion	

Before Change

	1		+ts_SetTmpCellInfo (p_CellId)	
	2		CMAC ! CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow (p_CellId, tsc_S_CCPCH1, c_UE_Info (OMIT, OMIT), c_TrChInfoPCH_FACH, c_TrLogMappingPCH_FACH_CellDCH)
	3		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId, tsc_S_CCPCH1)
	4		CMAC ! CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow(p_CellId, tsc_PRACH1, c_UE_Info (OMIT, OMIT), cb_TrChInfoRACH1, cb_TrLogMappingRACH2)
	5		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId, tsc_PRACH1)
	6		+ts_SS_ConfigFACH_ToDCH_CS_PS (p_CellId)	
	7		[tcv_TmpCellInfo.cellConfig = cell_DCH_Speech]	
	8		+ts_SS_RB10_ToRB12_TM_Cfg	
	9		[tcv_TmpCellInfo.cellConfig = cell_DCH_64kCS_RAB_SRB]	
	10		+ts_SS_RB10_TM_Cfg (640)	
	11		[tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB]	
	12		+ts_SS_RB10_TM_Cfg (576)	
	13		[tcv_TmpCellInfo.cellConfig = cell_DCH_64kPS_RAB_SRB]	

After Change

1		+ts_SetTmpCellInfo (p_CellId)	
2		+ts_CRLC_Rel (p_CellId, tsc_RB_BCCH_FACH)	
3		CMAC ! CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow (p_CellId, tsc_S_CCPCH1, c_UE_Info (OMIT, OMIT), c_TrChInfoPCH_FACH, c_TrLogMappingPCH_FACH_CellDCH)
4		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId, tsc_S_CCPCH1)
5		CMAC ! CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow(p_CellId, tsc_PRACH1, c_UE_Info (OMIT, OMIT), cb_TrChInfoRACH1, cb_TrLogMappingRACH2)
6		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId, tsc_PRACH1)
7		+ts_SS_ConfigFACH_ToDCH_CS_PS (p_CellId)	
8		[tcv_TmpCellInfo.cellConfig = cell_DCH_Speech]	
9		+ts_SS_RB10_ToRB12_TM_Cfg	

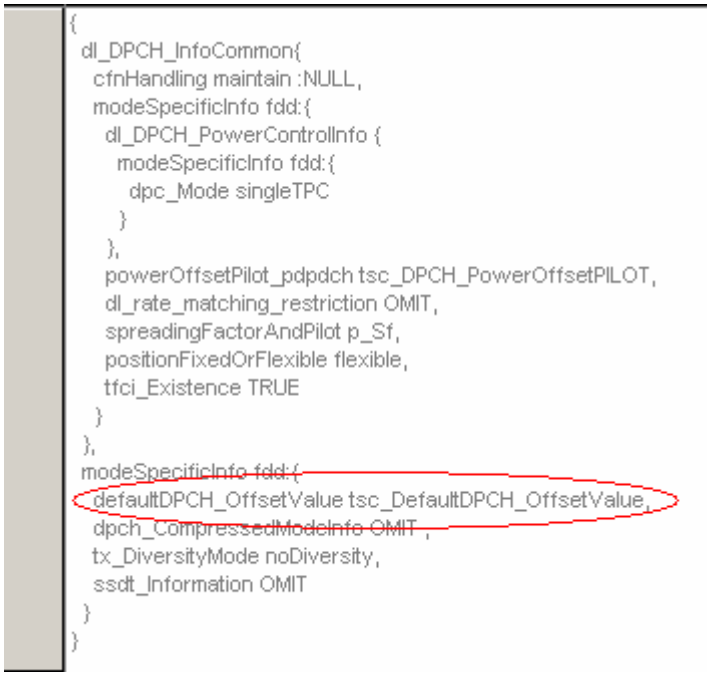
18.3 c_DL_CommonInformationRB_SetUp_8244

TTCN object	tc_8_3_11_4
Reference ATS	*IR_U_wk07.mp*[2]
Change Label	*AEROFLEX#IR_U* 0363
Reason for change	As per prose the DPCH Frame offset is 0 but it should calculated on the Default DPCH offset value used to create DPCH. And Default DPCH value is a range. So currently changed TTCN so that DPCH Frame offset is calculated based on default DPCH Frame offset. A prose CR will be raised to correct it. Note: Alternately Default DPCH offset can be set to 0.
Summary of change	Changed the value of defaultDPCH_OffsetValue in constraint c_DL_CommonInformationRB_SetUp_8244 from 0 to tsc_DefaultDPCH_OffsetValue
Other affected objects	
ETSI comment	
Aeroflex conclusion	

Before Change

```
{
 dl_DPCH_InfoCommon{
  cfnHandling maintain :NULL,
  modeSpecificInfo fdd:{
   dl_DPCH_PowerControlInfo {
    modeSpecificInfo fdd:{
     dpc_Mode singleTPC
    }
   },
   powerOffsetPilot_pdpdch tsc_DPCH_PowerOffsetPILOT,
   dl_rate_matching_restriction OMIT,
   spreadingFactorAndPilot p_Sf,
   positionFixedOrFlexible flexible,
   tfci_Existence TRUE
  }
 },
 modeSpecificInfo fdd:{
  defaultDPCH_OffsetValue 0,
  dpch_CompressedModeInfo OMIT ,
  tx_DiversityMode noDiversity,
  ssdt_Information OMIT
 }
}
```

After Change



19 References

[2]	*IR_U_wk07*.mp ETSI *IR_U* ATS version of week 07.

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1323 ⌘ **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 iWD_07 regression test errors
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	01/03/05
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 3GPPTR 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 wk07 ATS.
Summary of change:	⌘	This document lists all changes applied to wk07 required for testing of the approved test cases. See detailed change description for further information.
Consequences if not approved:	⌘	The test case will not run correctly and will not fulfill its purpose.

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.

20 1 Overview

This document is a CR on approved GCF Package 4 test case 8.3.11.4. It lists all the changes needed to correct detected problems in the TTCN implementation of test case 8.3.11.4 which is part of the IR_U test suite. In addition the document contains all corrections found during the regression tests of ATS wk07

21 2 Table of Contents

22 3 Correction of errors found in TTCN

22.1 3.1 cr_RelCmplCau

Constraint name	cr_RelCmplCau in **NAS_M** module
Reason for change	CR T1s050063 not implemented fully Wildcards are used incorrectly, violating coding convention E3.7 of 34.123-3..
Summary of change	“Any constraints” as required per convention E3.7 introduced and applied at the approriate places.
Source of change	New change

Before:

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

After:

PDU Constraint Declaration			
Constraint Name:	cr_RelCmplCau (p_TI : TI, p_CauseValue : INTEGER)		
Group:			
PDU Name:	RELEASECOMPLETEul		
Derivation Path:			
Encoding Rule Name:			
Encoding Variation:			
Comments:	RELEASE COMPLETE - receive constraint - with a parametrized cause value		
Field Name	**Element Value**	**Type Encoding**	**Comments**
ti	p_TI		
cC_ProtocolDiscriminator	'0011'B		
msgType	'??101010'B		
cau	cr_Cau (p_CauseValue)		
facility	cr_Facility_Any IF_PRESENT		
userUser	cr_UserUserAny IF_PRESENT		WA#NAS4810
sS_VersionInd	cr_SS_VersionIndAny IF_PRESENT		WA#NAS4810

22.2 3.2 ts_AT_TerminateCall

Constraint name	ts_AT_TerminateCall
Reason for change	Typographical error in AT command string
Summary of change	Typographical error in AT command string corrected
Source of change	New Change

Before:

Test Step					
Test Step Id:	ts_AT_TerminateCall				
Test Step Group Ref:	L3M_UT_Steps/				
Objective:	To request the UE to terminate the call				
Defaults:	UT_OtherwiseFail				
Comments:	The H AT command isused(see TS 27.007 cl. 6.25) @sic t1s-050041 sic@				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		[pc_CHUP_AT_CommandSupp]			
2		Ut ! AT_CmdReq	ca_AT_CmdReq ("AT+CUHP<CR>")		
3		Ut ? AT_CmdCnf	ca_AT_CmdCnf		
4		[NOT pc_CHUP_AT_CommandSupp]			
5		Ut ! AT_CmdReq	ca_AT_CmdReq ("AT+CVHU=0<CR>")		
6		Ut ? AT_CmdCnf	ca_AT_AnyRsp		
7		Ut ! AT_CmdReq	ca_AT_CmdReq ("ATH<CR>")		
8		Ut ? AT_CmdCnf	ca_AT_CmdCnf		

After:

Test Step					
Test Step Id:	ts_AT_TerminateCall				
Test Step Group Ref:	L3M_UT_Steps/				
Objective:	To request the UE to terminate the call				
Defaults:	UT_OtherwiseFail				
Comments:	The H AT command isused(see TS 27.007 cl. 6.25) @sic t1s-050041 sic@				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		[pc_CHUP_AT_CommandSupp]			
2		Ut ! AT_CmdReq	ca_AT_CmdReq ("AT+CHUP<CR>")		
3		Ut ? AT_CmdCnf	ca_AT_CmdCnf		
4		[NOT pc_CHUP_AT_CommandSupp]			
5		Ut ! AT_CmdReq	ca_AT_CmdReq ("AT+CVHU=0<CR>")		
6		Ut ? AT_CmdCnf	ca_AT_AnyRsp		
7		Ut ! AT_CmdReq	ca_AT_CmdReq ("ATH<CR>")		
8		Ut ? AT_CmdCnf	ca_AT_CmdCnf		

23 4 Corrections required for test case 8.3.11.4

23.1 4.1 Introduction

This CR presents corrections on CellChangeOrderUTRAN_ToGSM test case tc_8_3_11_4 required for approval.

The ATS enclosed in R5s050110.zip [1] contains the modifications of test case tc_8_3_11_4 described in this document.

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

a) There are new TTCN objects proposed (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 applicable to tc_8_3_11_4.

23.2 4.2 Presentation of the modifications

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

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

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

Table 3: Example Change Table

TTCN object	*tc_8_3_11_4*
Reference ATS	***IR_U_wk07.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.

23.3 4.3 Modifications inside the tc_8_3_11_4 behaviour table

TTCN object	tc_8_3_11_4
Reference ATS	IR_U_wk07.mp [2]
Change Label	WA#2G3RRC0502
Reason for change	The delay of tsc_WaitBeforeFACH_Conf (500 ms) before changing the local SS configuration is too long: the UE sends a CellUpdate message indicating invalid RLC configuration before timeout.
Summary of change	Delay by 50 ms only (as introduced in T1s050001 [3]). This time is long enough to complete transmission of the CellUpdateConfirm message, before the local reconfiguration starts.
Other affected objects	
ETSI comment	
Change Label	WA#2G3RRC0512
Reason for change	The reconfiguration in ts_SS_ReconfFACH_ToDCH_CS_PS does not fit to the DL_DPCH_Info sent in the CellUpdateConfirm message and is not conforming to the test prose T1-050416(8.3.11.4-Prose).doc [5]. Particularly the cfnHandling (DL Common Information) is "maintain" in ts_SS_ReconfFACH_ToDCH_CS_PS while "initialise" is required in T1-050416(8.3.11.4-Prose).doc [5].
Summary of change	Apply ts_SS_ReconfFACH_ToDCH_PS_83114 in tc_8_3_11_4 instead of ts_SS_ReconfFACH_ToDCH_CS_PS. This is as proposed in T1s050001 [3], except that the default dpch offset is used as required in T1-050416(8.3.11.4-Prose).doc [5].
Other affected objects	c_DL_DPCH_64K_PS_83114 , ts_SS_ConfigFACH_ToDCH_PS_83114 , ts_SS_ReconfFACH_ToDCH_PS_83114
ETSI comment	
R&S conclusion	
Change Label	WA#2G3RRC0544
Reason for change	The CellUpdateConfirm message in step 9 (lt_SubTest) is not conforming to the test prose. In particular the defaultDPCH_OffsetValue is 0 in c_DL_CommonInformationRB_SetUp_8244 and the cfnHandling is "maintain" instead of "initialise" as required in T1-050416(8.3.11.4-Prose).doc [5].
Summary of change	Apply new constraint c_DL_CommonInformation_83114 in step 9 (transmission of the Cell Update Confirm message) instead of c_DL_CommonInformationRB_SetUp_8244.
Other affected objects	c_DL_CommonInformation_83114
ETSI comment	
R&S conclusion	

Test Case	
Test Case Id:	tc_8_3_11_4
Test Group Reference:	CellChangeOrderUTRAN_ToGSM/
Purpose:	To verify that when UE received CELL CHANGE ORDER FROM UTRAN message in CELL_DCH state and if the establishment of the connection to the other RAT failed due to other reasons e.g. (random) access failure, rejection due to lack of resources: a. revert back to the UTRA configuration; b. if the UE does not succeed in establishing the UTRA physical channel(s): perform a cell update procedure with cause "Radio link failure"; c. when the cell update procedure is completed successfully, it transmits the CELL CHANGE ORDER FROM UTRAN FAILURE message and set the IE "Inter-RAT change failure" to "physical channel failure".
Configuration:	
Defaults:	IntersystemGPRS
Comments:	

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

…

33		UM ! RLC_UM_DATA_REQ	cas_RRC_CellUpdateCnf(tsc_CellDedicated, tsc_RB1, cs_CellUpdateCnfDCCH_FreqInfo (tcv_CellIndInfo.dl_IntegrityCheckInfo,tcv_RRC_Ti, tcv_CellInfoA.uRNTI, OMIT, cell_DCH,tcv_CellInfoA.frequencyInfo, ul_DPCH_Info : (cb_UL_DPCH_Info(tsc_UL_DPDCH_SF_64k_PS , pl0_96 , tcv_CellInfoA.uL_ScramblingCode)), c_DL_CommonInformation_83114(tsc_DL_DPCH1_SFP_64k_PS), c_DL_InformationPerRL (tcv_CellInfoA.priScrmCode, tsc_DL_DPCH1_ChC_64k_PS, 2)))		step 9 @sic T1-050416 sic@ WA#2G3RRC0544
34		(tcv_CellInfoA.dl_DPCH_2ndScrCode := 2)			@sic T1-050416 sic@
35		+ts_RRC_Delay(50)			@sic T1s050001 sic@ WA#2G3RRC0502
36		+ts_CRLC_ReconfRLC_Size (FALSE)			@sic T1s050001 sic@
37		+ts_SS_ReconfFACH_ToDCH_PS_83114(tsc_CellA, OMIT)			step 10 Configure the dedicated physical channel WA#2G3RRC0512
38		+ts_RRC_ReceivePhyChReconfCmpl (tsc_CellA,tcv_RRC_RAB_Type)			step 11
39	TSP1	AM ? RLC_AM_DATA_IND	car_CellChangeOrderFromUTRANFailure(tsc_CellDedicated, tsc_RB2, cr_CellChangeOrderFromUTRANFailure (tcv_RRC_Ti, physicalChannelFailure:NULL))	(P)	step 12 Receive Cell Change Order from UTRAN Failure message with cause - physical channel failure.
lt_Postamble					
40		+po_GPRS_SS_CellRelease (tsc_GSM_CellA)			
41		+po_ConnectionAndSS_Rel(tsc_CellA)			
Detailed Comment:					

23.4 4.4 Other modifications relevant for tc_8_3_11_4

23.4.1 4.4.1 c_DL_CommonInformation_83114

TTCN object	c_DL_CommonInformation_83114
Reference ATS	New
Change Label	WA#2G3RRC0544
Reason for change	The CellUpdateConfirm message in step 9 (lt_SubTest) is not conforming to the test prose. In particular the defaultDPCH_OffsetValue is 0 in c_DL_CommonInformationRB_SetUp_8244 and the cfnHandling is "maintain" instead of "initialise" as required in T1-050416(8.3.11.4-Prose).doc [5].
Summary of change	Define new constraint c_DL_CommonInformation_83114 and use it in step 9 (transmission of the Cell Update Confirm message) instead of c_DL_CommonInformationRB_SetUp_8244.
Other affected objects	tc_8_3_11_4
ETSI comment	
R&S conclusion	

ASN.1 Type Constraint Declaration

Constraint Name:	c_DL_CommonInformation_83114 (p_Sf: SF512_AndPilot)
Group:	
Type Name:	DL_CommonInformation
Derivation Path:	
Encoding Variation:	
Comments:	DL_CommonInformation specific for tc_8_3_11_4 WA#2G3RRC0544

Constraint Value

```
{
 dl_DPCH_InfoCommon{
  cfnHandling initialise : {
   cfntargetsfnframeoffset OMIT
  },
  modeSpecificInfo fdd:{
   dl_DPCH_PowerControlInfo {
    modeSpecificInfo fdd:{
     dpc_Mode singleTPC
    }
   },
   powerOffsetPilot_pdpdch tsc_DPCH_PowerOffsetPILOT,
   dl_rate_matching_restriction OMIT,
   spreadingFactorAndPilot p_Sf,
   positionFixedOrFlexible flexible,
   tfci_Existence TRUE
  }
 },
 modeSpecificInfo fdd:{
  defaultDPCH_OffsetValue tsc_DefaultDPCH_OffsetValue,
  dpch_CompressedModeInfo OMIT ,
  tx_DiversityMode noDiversity,
  ssdt_Information OMIT
 }
}
```

Detailed Comment:

23.4.2 4.4.2 c_DL_DPCH_64K_PS_83114

TTCN object	c_DL_DPCH_64K_PS_83114
Reference ATS	New
Change Label	WA#2G3RRC0512
Reason for change	The reconfiguration in ts_SS_ReconfFACH_ToDCH_CS_PS does not fit to the DL_DPCH_Info sent in the CellUpdateConfirm message and is not conforming to the test prose T1-050416(8.3.11.4-Prose).doc [5]. Particularly the cfnHandling (DL Common Information) is "maintain" in ts_SS_ReconfFACH_ToDCH_CS_PS and "initialise" in T1-050416(8.3.11.4-Prose).doc [5].
Summary of change	Define new constraint c_DL_DPCH_64K_PS_83114 and appy it in new test step ts_SS_ConfigFACH_ToDCH_PS_83114. This is as proposed in T1s050001 [3], except that the default dpch offset is used as required in T1-050416(8.3.11.4-Prose).doc [5].
Other affected objects	tc_8_3_11_4 , ts_SS_ConfigFACH_ToDCH_PS_83114 , ts_SS_ReconfFACH_ToDCH_PS_83114
ETSI comment	
R&S conclusion	

ASN.1 Type Constraint Declaration

Constraint Name:	c_DL_DPCH_64K_PS_83114 (p_DL_CommonInformation : DL_CommonInformation; p_SecondaryScramblingCode : SecondaryScramblingCode)
Group:	
Type Name:	DL_DPCHInfo
Derivation Path:	
Encoding Variation:	
Comments:	To fit for tc_8_3_11_4 (after cell update confirm). WA#2G3RRC0512

Constraint Value

```
{
 dl_CommonInformation p_DL_CommonInformation,
 dl_DPCH_InfoPerRL fdd : {
  pCPICH_UsageForChannelEst mayBeUsed,
  dpch_FrameOffset (( (tsc_DefaultDPCH_OffsetValue*512 ) MOD 38400) / 256 ),
  -- DPCH-FrameOffset = DefaultDPCH-OffsetValueFDD MOD 38400
  -- Actual value DPCH-FrameOffset = IE value * 256
  -- Actual value DefaultDPCH-OffsetValueFDD = IE value * 512 ,
  dl_ChannelisationCodeList { {secondaryScramblingCode p_SecondaryScramblingCode ,
     sf_AndCodeNumber tsc_DL_DPCH1_ChC_64k_PS
  } },
  tpc_CombinationIndex 0
 },
 powerOffsetOfTFCI_PO1 tsc_DPCH_PowerOffsetTFCI,
 powerOffsetOfTPC_PO2 tsc_DPCH_PowerOffsetTPC,
 powerOffsetOfPILOT_PO3 tsc_DPCH_PowerOffsetPILOT,
 dl_TxPower tsc_DL_TxPower_DPCH_64k,
 dl_TxPowerMax 15,
 dl_TxPowerMin -35
}
```

Detailed Comment:

23.4.3 4.4.3 ts_SS_ConfigFACH_ToDCH_PS_83114

TTCN object	ts_SS_ConfigFACH_ToDCH_PS_83114
Reference ATS	New
Change Label	WA#2G3RRC0512
Reason for change	The reconfiguration FACH_TO_DCH in ts_SS_ReconfFACH_ToDCH_CS_PS does not fit to the DL_DPCH_Info sent in the CellUpdateConfirm message and is not conforming to the test prose T1-050416(8.3.11.4-Prose).doc [5]. Particularly the cfnHandling (DL Common Information) is "maintain" in ts_SS_ReconfFACH_ToDCH_CS_PS and "initialise" in T1-050416(8.3.11.4-Prose).doc [5].
Summary of change	Apply ts_SS_ReconfFACH_ToDCH_PS_83114 in tc_8_3_11_4 instead of ts_SS_ReconfFACH_ToDCH_CS_PS. This is as proposed in T1s050001 [3], except that the default dpch offset is used as required in T1-050416(8.3.11.4-Prose).doc [5].
Other affected objects	tc_8_3_11_4 , c_DL_DPCH_64K_PS_83114 , ts_SS_ReconfFACH_ToDCH_PS_83114
ETSI comment	
R&S conclusion	

Test Step

Test Step Id:	ts_SS_ConfigFACH_ToDCH_PS_83114 (p_CellId:INTEGER)
Test Step Group Ref:	RRCM_SS_Steps/
Objective:	To Configure Physical channel DPCH1 and connect DCH5 to the physical channel, then SRBs in SS. Initially the SS was in CELL_FACH configuration. The DL DL_DPCHInfo is selected to fit to the CellUpdateConfirm message of tc_8_3_11_4.
Defaults:	SS_Def
Comments:	WA#2G3RRC0512

Nr	...	Behaviour Description	Constraint Ref	...	Comments
1		+ ts_SetTmpCellInfo (p_CellId)			
2		CPHY!CPHY_RL_Setup_REQ	ca_DL_DPCH_Info (p_CellId , tsc_DL_DPCH1, c_DL_DPCH_64K_PS_83114 (c_DL_CommonInformation_83114(tsc_DL_DPCH1_SFP_64k_PS), 2))		WA#2G3RRC0512
3		CPHY?CPHY_RL_Setup_CNF	ca_RL_SetupCnf (p_CellId , tsc_DL_DPCH1)		
4		CPHY!CPHY_TrCH_Config_REQ	ca_TrChCfgInfo (p_CellId , tsc_DL_DPCH1, c_TrChConfigTypeDCH_NoSHO,c_DCH_336_148_DL_InfoActNow)		
5		CPHY?CPHY_TrCH_Config_CNF	ca_TrChCfgCnf (p_CellId , tsc_DL_DPCH1)		
6		CMAC ! CMAC_Config_REQ	ca_CMAC_CfgInfo(tsc_CellDedicated , tsc_DL_DPCH1 , c_UE_Info(OMIT, OMIT), cb_TrChInfoDL_336_148, cb_TrLogMappingDL_4DCCH_1DTCH_PS)		4. U-RNTI and C-RNTI are not needed on DPCH
7		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf(tsc_CellDedicated , tsc_DL_DPCH1)		
8		CPHY!CPHY_RL_Setup_REQ	ca_UL_DPCH_Info (p_CellId , tsc_UL_DPCH1, cb_UL_DPCH_Info (tsc_UL_DPDCH_SF_64k_PS, pl0_96, tcv_TmpCellInfo.uL_ScramblingCode))		
9		CPHY?CPHY_RL_Setup_CNF	ca_RL_SetupCnf (p_CellId , tsc_UL_DPCH1)		
10		CPHY!CPHY_TrCH_Config_REQ	ca_TrChCfgInfo (p_CellId , tsc_UL_DPCH1, c_TrChConfigTypeDCH_NoSHO,c_DCH_336_148_UL_InfoActNow)		
11		CPHY?CPHY_TrCH_Config_CNF	ca_TrChCfgCnf (p_CellId , tsc_UL_DPCH1)		
12		CMAC ! CMAC_Config_REQ	ca_CMAC_CfgInfo(tsc_CellDedicated , tsc_UL_DPCH1 , c_UE_Info(OMIT, OMIT), cb_TrChInfoUL_336_148, cb_TrLogMappingUL_4DCCH_1DTCH_PS)		4. U-RNTI and C-RNTI are not needed on DPCH
13		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf(tsc_CellDedicated , tsc_UL_DPCH1)		

Detailed Comment:

23.4.4 4.4.4 ts_SS_ReconfFACH_ToDCH_PS_83114

TTCN object	ts_SS_ReconfFACH_ToDCH_PS_83114
Reference ATS	New
Change Label	WA#2G3RRC0512
Reason for change	The reconfiguration FACH_TO_DCH in ts_SS_ReconfFACH_ToDCH_CS_PS does not fit to the DL_DPCH_Info sent in the CellUpdateConfirm message and is not conforming to the test prose T1-050416(8.3.11.4-Prose).doc [5]. Particularly the cfnHandling (DL Common Information) is "maintain" in ts_SS_ReconfFACH_ToDCH_CS_PS and "initialise" in T1-050416(8.3.11.4-Prose).doc [5].
Summary of change	Define new test steps ts_SS_ReconfFACH_ToDCH_PS_83114 and ts_SS_ConfigFACH_ToDCH_PS_83114 and apply ts_SS_ReconfFACH_ToDCH_PS_83114 in tc_8_3_11_4 instead of ts_SS_ReconfFACH_ToDCH_CS_PS. This is as proposed in T1s050001 [3], except that the default dpch offset is used as required in T1-050416(8.3.11.4-Prose).doc [5].
Other affected objects	tc_8_3_11_4 , c_DL_DPCH_64K_PS_83114 , ts_SS_ConfigFACH_ToDCH_PS_83114
ETSI comment	
R&S conclusion	

Test Step

Test Step Id:	ts_SS_ReconfFACH_ToDCH_PS_83114 (p_CellId : INTEGER; p_C_RNTI : BITSTRING)
Test Step Group Ref:	RRCM_SS_Steps/
Objective:	To reconfigure SS from CELL_FACH to CELL_DCH state: 1> reconfigure CMAC : CMAC-reconfig (cellId) 2> create DPCH: CPHY-RL-Setup (cellId), CPHY-TrCh-config (cellId), CMAC-config (cell-1)
Defaults:	SS_Def
Comments:	WA#2G3RRC0512

...	...	Behaviour Description	Constraint Ref	...	Comments
1		+ts_SetTmpCellInfo (p_CellId)			
2		CMAC ! CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow (p_CellId, tsc_S_CCPCH1, c_UE_Info (OMIT, p_C_RNTI), c_TrChInfoPCH_FACH, c_TrLogMappingPCH_FACH_CellDCH)		map PCCH to PCH + Map CCCH to FACH
3		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId, tsc_S_CCPCH1)		
4		CMAC ! CMAC_Config_REQ	ca_CMAC_ReconfigInfoActNow(p_CellId, tsc_PRACH1, c_UE_Info (OMIT, p_C_RNTI), cb_TrChInfoRACH1, cb_TrLogMappingRACH2)		mapping CCCH to RACH
5		CMAC ? CMAC_Config_CNF	ca_CMAC_CfgCnf (p_CellId, tsc_PRACH1)		
6		+ts_SS_ConfigFACH_ToDCH_PS_83114 (p_CellId)			

Detailed Comment:

23.4.5 4.4.5 SS_Def

TTCN object	SS_Def
Reference ATS	IR_U_wk07.mp [2]
Change Label	WA#2G3RRC0537
Reason for change	The default contains the CRLC?OTHERWISE statement **before** statement CRLC?CRLC_Integrity_Failure_IND, so the latter one can never match.
Summary of change	Move the CRLC?CRLC_Integrity_Failure_IND statement before the ?OTHERWISE statements.
Other affected objects	
ETSI comment	
R&S conclusion	

Default

Default Id:	SS_Def
Default Group Ref:	SS_Defaults/
Objective:	To match unexpected events during SS configuration/reconfiguration steps.
Comments:	

Nr	Lab...	Behaviour Description	Constraint Ref	...	Comments
1		?TIMEOUT t_Guard			
...					
25		Dc ? RRC_DataInd [tcv_GMM_AttachExpect = TRUE] (tcv_TmpAttachReqPDU := RRC_DataInd.msg, tcv_TmpB3:= tcv_TmpAttachReqPDU.attachType.type , tcv_CellIndInfo.start_PS := RRC_DataInd.start , tcv_GMM_AttachRec := TRUE)	car_PS_InitDirectTransfer (tsc_CellDedicated, tsc_RB3, cr_AttachReq (c_AttachTypeAny, c_MobileIdAny_Iv, c_RAI_Any_v, ?))		ATTACH REQUEST - Extract Attach type requested @sic T1-031835 and T1-03xtc2 sic@
26		RETURN			
27		CRLC?CRLC_Integrity_Failure_IND	car_CRLC_IntegrityFail		WA#2G3RRC0537
28	DFF5	[tcv_CellIndInfo.integrityStarted]		(F)	
29		RETURN			
30		[NOT tcv_CellIndInfo.integrityStarted]			
31		RETURN			
32		CPHY?OTHERWISE			@sic t1s-050061 sic@
33	DFI2	CANCEL		(I)	
34		CMAC?OTHERWISE			
35	DFI3	CANCEL		(I)	
36		CRLC?OTHERWISE			
37	DFI4	CANCEL		(I)	

Detailed Comment:

23.5 4.5 Changes referred to from previous CRs

N/A.

24 5 References

[3]	T1s050079.zip Archive comprising the TTCN MP file for the current CR (supplementary information).
[4]	IR_U_wk07.mp ETSI InterRat UTRAN ATS, version week 07 (2005).
[5]	T1s050001 Original CR on tc_8_3_11_4, provided by Rohde&Schwarz.
[6]	T1s050001_MCC160Comments.doc MCC160 comments on T1s050001.
[7]	T1-050416(8.3.11.4-Prose).doc Change in 8.3.11.4 test prose approved in T1#26 meeting.

25 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 4: List of change labels and related affected TTCN Objects and reference ATS

Change Labels	Affected TTCN Objects	Ref. ATS
WA#2G3RRC0502	tc_8_3_11_4	IR_U_wk07.mp [2]
WA#2G3RRC0512	c_DL_DPCH_64K_PS_83114	New
WA#2G3RRC0512	tc_8_3_11_4	IR_U_wk07.mp [2]
WA#2G3RRC0512	ts_SS_ConfigFACH_ToDCH_PS_83114	New
WA#2G3RRC0512	ts_SS_ReconfFACH_ToDCH_PS_83114	New
WA#2G3RRC0537	SS_Def	IR_U_wk07.mp [2]
WA#2G3RRC0544	c_DL_CommonInformation_83114	New
WA#2G3RRC0544	tc_8_3_11_4	IR_U_wk07.mp [2]

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1324** ⌘ **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 section 16 SMS test cases to improve AT command handling
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	01/03/2005
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:	⌘	In order to make the TTCN more flexible and adaptable to UE behaviour a number of PIXIT items have introduced which drive the SMS testing
Summary of change:	⌘	This document lists all changes applied to the SMS_05wk07 ATS in order to make use of PIXIT items introduced to make SMS testing more flexible and easier to automate
Consequences if not approved:	⌘	The AT commands generated by the TTCN will not be well-suited to varying UE behaviour, and automation will not be as simple as it could be. Test operators are not given as much information as could be: this error prone situation increases the probability of operator errors, thus time and cost for SMS testing will be higher than they could be.

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.

Table of Contents:

26 SMS ATS

26.1 PIXIT parameters to make SMS more flexible

Test suite parameter names	px_SMS_Service, px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3, px_SMS_IndexOffset, px_SMS_MsgFrmt
Reason for change	To make the SMS ATS more flexible
Summary of change	px_SMS_Service - - - specification of SMS service px_SMS_PrefMem1 - - - preferred memory 1 parameter to CPMS, px_SMS_PrefMem2 - - - preferred memory 2 parameter to CPMS, px_SMS_PrefMem3 - - - preferred memory 3 parameter to CPMS, px_SMS_IndexOffset - - - offset for counting SMS (0 or 1), px_SMS_MsgFrmt - - - text mode or PDU mode
Source of change	WA#SMS1200

px_SMS_Service	IA5String		PIXIT Table B.4	SMS Service <service> of TS 27.005 cl. 3.2.1 default "0" WA#SMS1200
px_SMS_PrefMem1	IA5String		PIXIT Table B.4	SMS Preferred Memory 1 <mem1> of TS 27.005 cl. 3.1 default "SM" WA#SMS1200
px_SMS_PrefMem2	IA5String		PIXIT Table B.4	SMS Preferred Memory 2 <mem1> of TS 27.005 cl. 3.1 default "SM" WA#SMS1200
px_SMS_PrefMem3	IA5String		PIXIT Table B.4	SMS Preferred Memory 3 <mem1> of TS 27.005 cl. 3.1 default "MT" WA#SMS1200
px_SMS_IndexOffset	INTEGER		PIXIT Table B.4	SMS Index offset for the numbering o f short messages value range: (0,1) default: 0 WA#SMS1200
px_SMS_MsgFrmt	IA5String		PIXIT Table B.4	SMS Message Format <mode> of TS 27.005 cl. 3.2.3 default "0" WA#SMS1200

26.2 tsc_Fox_PDU

Test suite constant name	tsc_Fox_PDU
Reason for change	Canned message for the PDU mode case required
Summary of change	To define a canned message for the PDU mode case
Source of change	WA#SMS1211

After:

tsc_Fox_PDU	IA5String	"0681222222222211000A9174097538740000A7a054741914afa7c76b9058febebb41e6371ea4aeb7e173d0db5e9683e8e832881dd6e741e4f7f9340789c3e3b50bb40cd7cd6537669a2e83926879590e32cac375903d5d9683c4e578bddc2e83a065b6beec02b540b0986c46abd96eb81ca805a2228ba06835395c8284d2e7d509323eb12065b5099d829ed6a21444451641cca0360b223e8fa72948181c2e5d"	Fox String of maximum SMS length of 160 characters, embedded in a TP-PDU, preceeded by a SMSC address WA#SMS1211

26.3 tsc_SMS_MaxNumOfChars

Test suite constant name	tsc_SMS_MaxNumOfChars
Reason for change	Max number of ASCII characters in an SMS can be used instead of a PIXIT px_ MaxNumOfChars
Summary of change	To define the maximum number of ASCII characters in an SMS
Source of change	WA#SMS1213

After:

tsc_SMS_MaxNumOfChars	INTEGER	160	max. number of ASCII characters in an SMS WA#SMS1213

26.4 cr_TP_SUBMIT_04

Constraint name	cr_TP_SUBMIT_04
Reason for change	Max number of ASCII characters in an SMS can be set by a constant rather than a PIXIT (px_ MaxNumOfChars)
Summary of change	To specify max. number of ASCII characters in an SMS by a constant rather than a PIXIT
Source of change	WA#SMS1213

Structured Type Constraint Declaration	
Constraint Name:	cr_TP_SUBMIT_04
Group:	
Type Name:	SMS_SUBMIT
Derivation Path:	
Encoding Variation:	
Comments:	MO SMS with maximum amount of user data @sic EW ER 1796 sic@ @sic EW T1s050029 sic@

Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'10'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_ProtId	c_TP_ProtId01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	?		
tP_ValPeriodAbs	-		
tP_ValPeriodEnh	-		
tP_UD_Len	o_IntToOct(tsc_SMS_MaxNumOfChars, 1)		VWA#SMS1213
tP_UserData	?		

26.5 cr_TP_SUBMIT_04_VPF_NP

Constraint name	cr_TP_SUBMIT_04_VPF_NP
Reason for change	Max number of ASCII characters in an SMS can be set by a constant rather than a PIXIT (px_ MaxNumOfChars)
Summary of change	To specify max. number of ASCII characters in an SMS by a constant rather than a PIXIT
Source of change	WA#SMS1213

Structured Type Constraint Declaration	
Constraint Name:	cr_TP_SUBMIT_04_VPF_NP
Group:	
Type Name:	SMS_SUBMIT
Derivation Path:	
Encoding Variation:	
Comments:	MO SMS with maximum amount of user data @sic EW T1 s050029 sic@

Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'00'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_ProtId	c_TP_ProtId01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	-		
tP_ValPeriodAbs	-		
tP_ValPeriodEnh	-		
tP_UD_Len	o_IntToOct(tsc_SMS_MaxNumOfChars, 1)		WA#SMS1213
tP_UserData	?		

26.6 cr_TP_SUBMIT_04_VPF_ABS

Constraint name	cr_TP_SUBMIT_04_VPF_ABS
Reason for change	Max number of ASCII characters in an SMS can be set by a constant rather than a PIXIT (px_ MaxNumOfChars)
Summary of change	To specify max. number of ASCII characters in an SMS by a constant rather than a PIXIT
Source of change	WA#SMS1213

Structured Type Constraint Declaration	
Constraint Name:	cr_TP_SUBMIT_04_VPF_ABS
Group:	
Type Name:	SMS_SUBMIT
Derivation Path:	
Encoding Variation:	
Comments:	MO SMS with maximum amount of user data @sic EW T1 s050029 sic@

Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'11'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_ProtId	c_TP_ProtId01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	-		
tP_ValPeriodAbs	?		
tP_ValPeriodEnh	-		
tP_UD_Len	o_IntToOct(tsc_SMS_MaxNumOfChars, 1)		WA#SMS1213
tP_UserData	?		

26.7 cr_TP_SUBMIT_04_VPF_ENH

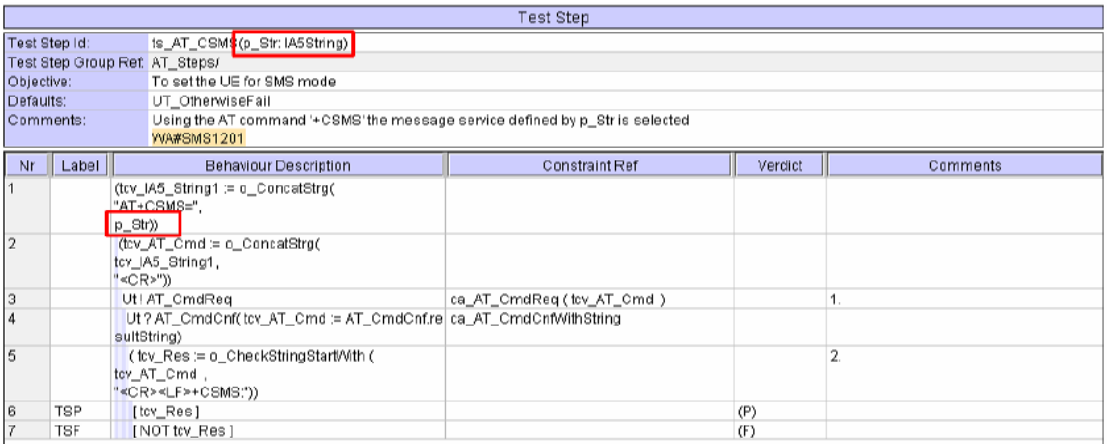
Constraint name	cr_TP_SUBMIT_04_VPF_ENH
Reason for change	Max number of ASCII characters in an SMS can be set by a constant rather than a PIXIT (px_ MaxNumOfChars)
Summary of change	To specify max. number of ASCII characters in an SMS by a constant rather than a PIXIT
Source of change	WA#SMS1213

Structured Type Constraint Declaration	
Constraint Name:	cr_TP_SUBMIT_04_VPF_ENH
Group:	
Type Name:	SMS_SUBMIT
Derivation Path:	
Encoding Variation:	
Comments:	MO SMS with maximum amount of user data @sic EW T1s050029 sic@

Element Name	Element Value	Type Encoding	Comments
tP_ReplyPath	?		
tP_UD_HeaderInd	?		
tP_StatusRptReq	?		
tP_ValPeriodFrmt	'01'B		
tP_RejDuplicates	?		
tP_MsgTypeInd	'01'B		
tP_MsgRef	?		
tP_DestAddr	cr_TP_DestAddr01		
tP_ProtId	c_TP_ProtId01		
tP_DataCodingScheme	c_TP_DCS_01		
tP_ValPeriodRel	-		
tP_ValPeriodAbs	-		
tP_ValPeriodEnh	cr_TP_ValPeriodEnhAny		
tP_UD_Len	o_IntToOct(tsc_SMS_MaxNumOfChars, 1)		VVA#SMS1213
tP_UserData	?		

26.8 ts_AT_CSMS

Test step name	ts_AT_CSMS
Reason for change	To provide the test step with a parameter to make it more flexible
Summary of change	px_SMS_Service passed to the test step and integrated into the AT command string
Source of change	WA#SMS1201



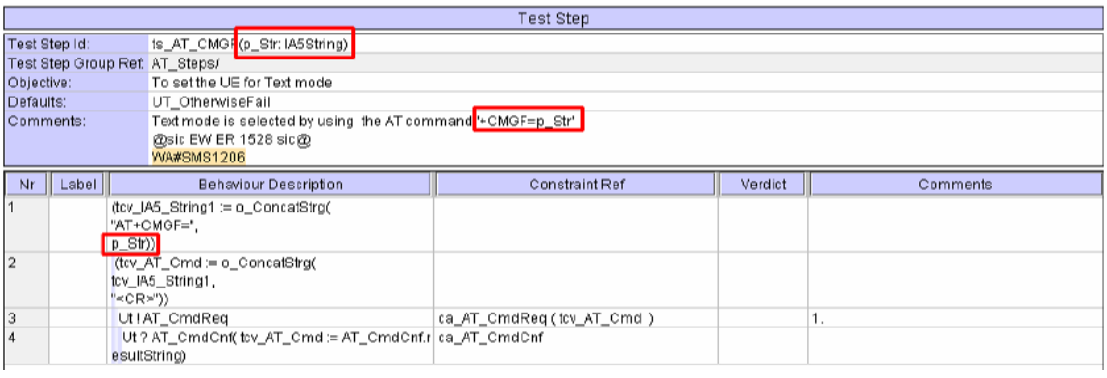
Test Step

Test Step Id:	ts_AT_CSMS(p_Str: IA5String)
Test Step Group Ref:	AT_Steps/
Objective:	To set the UE for SMS mode
Defaults:	UT_OtherwiseFail
Comments:	Using the AT command '+CSMS' the message service defined by p_Str is selected WA#SMS1201

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		(tcv_IA5_String1 := o_ConcatStrg("AT+CSMS=", p_Str))			
2		(tcv_AT_Cmd := o_ConcatStrg(tcv_IA5_String1, "«CR»"))			
3		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		1.
4		Ut ? AT_CmdCnf(tcv_AT_Cmd := AT_CmdCnf.re sultString)	ca_AT_CmdCnfWithString		
5		(tcv_Res := o_CheckStringStartWith (tcv_AT_Cmd , "«CR»«LF»+CSMS:"))			2.
6	TSP	[tcv_Res]		(P)	
7	TSF	[NOT tcv_Res]		(F)	

26.9 ts_AT_CMGF

Test step name	ts_AT_CMGF
Reason for change	To provide the test step with a parameter to make it more flexible
Summary of change	px_SMS_MsgFrmt passed to the test step and integrated into the AT command string
Source of change	WA#SMS1206



Test Step

Test Step Id:	ts_AT_CMGF(p_Str: IA5String)
Test Step Group Ref:	AT_Steps/
Objective:	To set the UE for Text mode
Defaults:	UT_OtherwiseFail
Comments:	Text mode is selected by using the AT command '+CMGF=p_Str' @sic EW ER 1526 sic@ WA#SMS1206

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		(tcv_IA5_String1 := o_ConcatStrg("AT+CMGF=", p_Str))			
2		(tcv_AT_Cmd := o_ConcatStrg(tcv_IA5_String1, "«CR»"))			
3		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		1.
4		Ut ? AT_CmdCnf(tcv_AT_Cmd := AT_CmdCnf.r esultString)	ca_AT_CmdCnf		

26.10 ts_AT_CMGW

Test step name	ts_AT_CMGW
Reason for change	To provide the test step with a parameter to make it more flexible, in particular to acccount for text mode vs. PDU mode
Summary of change	- String to be sent no longer passed as parameter (removed) - AT command established depending on the used message format - Canned messages tsc_Fox (text mode) resp. tsc_Fox_PDU (PDU mode) used
Source of change	WA#SMS1210

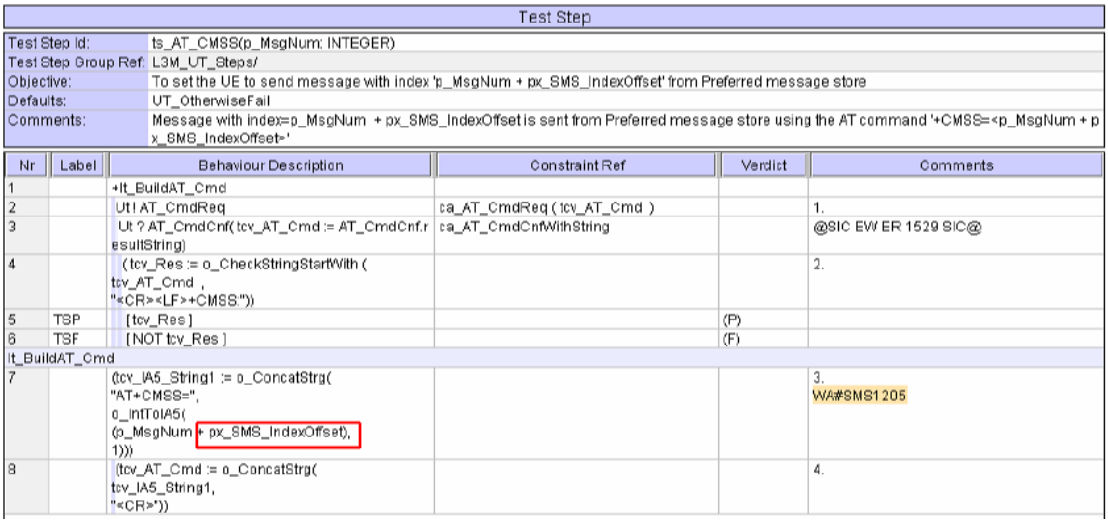
Test Step

Test Step Id:	ts_AT_CMGW(p_DA: IA5String; p_TODA: INTEGER)
Test Step Group Ref:	AT_Steps/
Objective:	To write message to Preferred message store
Defaults:	UT_OtherwiseFail
Comments:	The TP Destination Address is set to p_DA by using the AT command '+CMGW' The string to be sent as the message to be stored by the UE is determined the canned message tsc_Fox if we are in text mode. The string to be sent as the message to be stored by the UE is determined the canned message tsc_Fox_PDU if we are in PDU mode. @sic EW ER 1796 sic@ WA#SMS1210

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+lt_BuildAT_Cmd			
2		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		1.
3		Ut ? AT_CmdCnf(tcv_AT_Cmd := AT_CmdCnf.resultString)	ca_AT_CmdCnfWithString		@sic EW ER 1529 sic@
4		(tcv_Res := o_CheckStringStartWith (tcv_AT_Cmd , "«CR»«LF»+CMGW:"))			2.
5	TSP	[tcv_Res]		(P)	
6	TSF	[NOT tcv_Res]		(F)	
lt_BuildAT_Cmd					
7		[px_SMS_MsgFrmt = "1"]			text mode
8		(tcv_IA5_String1 := o_ConcatStrg("AT+CMGW=", p_DA))			3.
9		(tcv_IA5_String2 := o_ConcatStrg(",", o_IntToIA5(p_TODA, 3)))			4.
10		(tcv_IA5_String1 := o_ConcatStrg(tcv_IA5_String1, tcv_IA5_String2))			5.
11		(tcv_IA5_String1 := o_ConcatStrg(tcv_IA5_String1, "«CR»"))			6.
12		(tcv_IA5_String1 := o_ConcatStrg(tcv_IA5_String1, tsc_Fox))			7.
13		(tcv_AT_Cmd := o_ConcatStrg(tcv_IA5_String1, "«SUB»«CR»"))			8. @sic EW ER 1898 sic@
14		[px_SMS_MsgFrmt = "0"]			PDU mode
15		(tcv_IA5_String1 := o_ConcatStrg("AT+CMGW=153«CR»", tsc_Fox_PDU))			9.
16		(tcv_AT_Cmd := o_ConcatStrg(tcv_IA5_String1, "«SUB»«CR»"))			10.
17	ERR1	[TRUE]			

26.11 ts_AT_CMSS

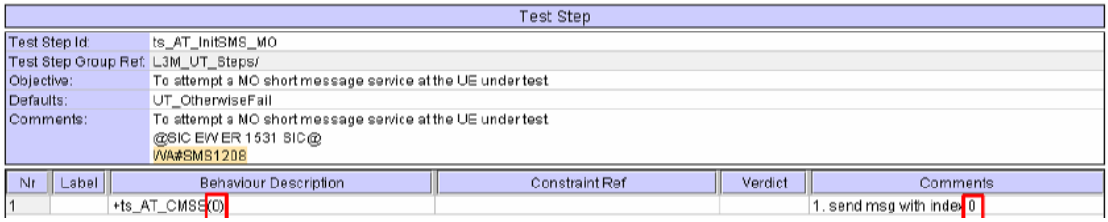
Test step name	ts_AT_CMSS
Reason for change	To account for the index offset used by different UE implementations
Summary of change	SMS index to be sent plus a UE dependent
Source of change	WA#SMS1205



Test Step					
Test Step Id:	ts_AT_CMSS(p_MsgNum: INTEGER)				
Test Step Group Ref:	L3M_UT_Steps/				
Objective:	To set the UE to send message with index 'p_MsgNum + px_SMS_IndexOffset' from Preferred message store				
Defaults:	UT_OtherwiseFail				
Comments:	Message with index=p_MsgNum + px_SMS_IndexOffset is sent from Preferred message store using the AT command '+CMSS=<p_MsgNum + px_SMS_IndexOffset>'				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+lt_BuildAT_Cmd			
2		Utl AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		1.
3		Ut ? AT_CmdCnf(tcv_AT_Cmd := AT_CmdCnf.resultString)	ca_AT_CmdCnfWithString		@SIC EW ER 1529 SIC@
4		(tcv_Res := o_CheckStringStartWith (tcv_AT_Cmd , "<CR><LF>+CMSS:"))			2.
5	TSP	[tcv_Res]		(P)	
6	TSF	[NOT tcv_Res]		(F)	
lt_BuildAT_Cmd					
7		(tcv_IA5_String1 := o_ConcatStrg("AT+CMSS=", o_IntToIA5((p_MsgNum + px_SMS_IndexOffset), 1)))			3. WA#SMS1205
8		(tcv_AT_Cmd := o_ConcatStrg(tcv_IA5_String1, "<CR>"))			4.

26.12 ts_AT_InitSM_MO

Test step name	ts_AT_ InitSM_MO
Reason for change	To account for the Index Offset which is added by the called test step
Summary of change	Index 1 changed to 0 as the step was for a UE starting with index 1
Source of change	WA#SMS1208



Test Step					
Test Step Id:	ts_AT_InitSMS_MO				
Test Step Group Ref:	L3M_UT_Steps/				
Objective:	To attempt a MO short message service at the UE under test				
Defaults:	UT_OtherwiseFail				
Comments:	To attempt a MO short message service at the UE under test @SIC EW ER 1531 SIC@ WA#SMS1208				
Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		+ts_AT_CMSS(0)			1. send msg with index 0

26.13 ts_AT_InitSMS_ThreeMsgs

Test step name	ts_AT_ InitSMS_ThreeMsgs
Reason for change	To adapt the AT command construction closer to the AT comamnd expected by the UE.
Summary of change	- To account for the Index Offset which is added by the called test step - To concatenate the AT commands
Source of change	WA#SMS1209

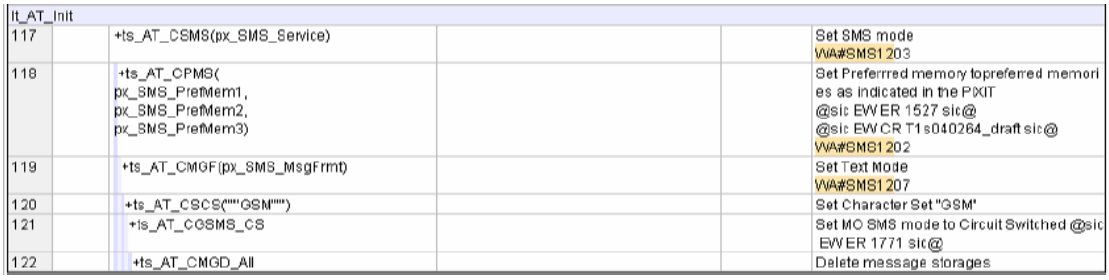
Test Step

Test Step Id:	ts_AT_InitSMS_ThreeMsgs
Test Step Group Ref:	AT_Steps/
Objective:	To attempt sending three MO short messages at the UE under test.
Defaults:	NAS_OtherwiseFail
Comments:	To attempt sending three MO short messages at the UE under test. @sic EW ER 1530 sic@ @sic EW CR T1s040307 sic@ @sic EW CR T1s040309 sic@ WA#SMS1209

Nr	Label	Behaviour Description	Constraint Ref	Verdict	Comments
1		(tcv_IA5_String1 := o_ConcatStrg("AT+CMMS=1;+CMSS=", o_IntToIA5((0 + dx_SMS_IndexOffset), 1)))			1. 3.
2		(tcv_IA5_String2 := o_ConcatStrg(";+CMSS=", o_IntToIA5((1 + dx_SMS_IndexOffset), 1)))			4.
3		(tcv_IA5_String1 := o_ConcatStrg(tcv_IA5_String1, tcv_IA5_String2))			5.
4		(tcv_IA5_String2 := o_ConcatStrg(";+CMSS=", o_IntToIA5((2 + dx_SMS_IndexOffset), 1)))			6.
5		(tcv_IA5_String1 := o_ConcatStrg(tcv_IA5_String1, tcv_IA5_String2))			5.
6		(tcv_AT_Cmd := o_ConcatStrg(tcv_IA5_String1, "<CR>"))			6.
7		Ut ! AT_CmdReq	ca_AT_CmdReq (tcv_AT_Cmd)		1.
8		Ut ? AT_CmdCnf(tcv_AT_Cmd := AT_CmdCn resultString)	ca_AT_CmdCnfWithString		@SIC EW ER 1529 SIC@
9		(tcv_Res := o_CheckStringStartWith (tcv_AT_Cmd , "<CR><LF>+CMSS:"))			2.
10	TSP	[tcv_Res]		(P)	
11	TSF	[NOT tcv_Res]		(F)	

26.14 tc_16_1_1

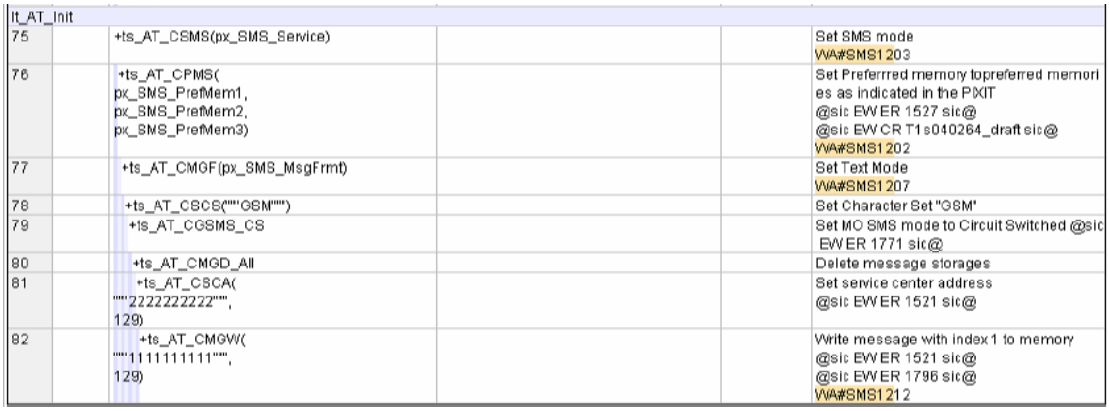
Test case name	tc_16_1_1
Reason for change	To use parametrized test steps to make the test case more flexible
Summary of change	Parametrized versions of ts_AT_CSMS, ts_AT_CPMS, ts_AT_CMGF
Source of change	WA#SMS1202, WA#SMS1203, WA#SMS1207



lt_AT_Init					
117		+ts_AT_CSMS(px_SMS_Service)			Set SMS mode VVA#SMS1203
118		+ts_AT_CPMS(px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3)			Set Preferrred memory topreferred memori es as indicated in the PIXIT @sic EWER 1527 sic@ @sic EWCR T1s040264_draft sic@ VVA#SMS1202
119		+ts_AT_CMGF(px_SMS_MsgFrmt)			Set Text Mode VVA#SMS1207
120		+ts_AT_CSCS("""GSM""")			Set Character Set "GSM"
121		+ts_AT_CGSMS_CS			Set MO SMS mode to Circuit Switched @sic EWER 1771 sic@
122		+ts_AT_CMGD_All			Delete message storages

26.15 tc_16_1_2

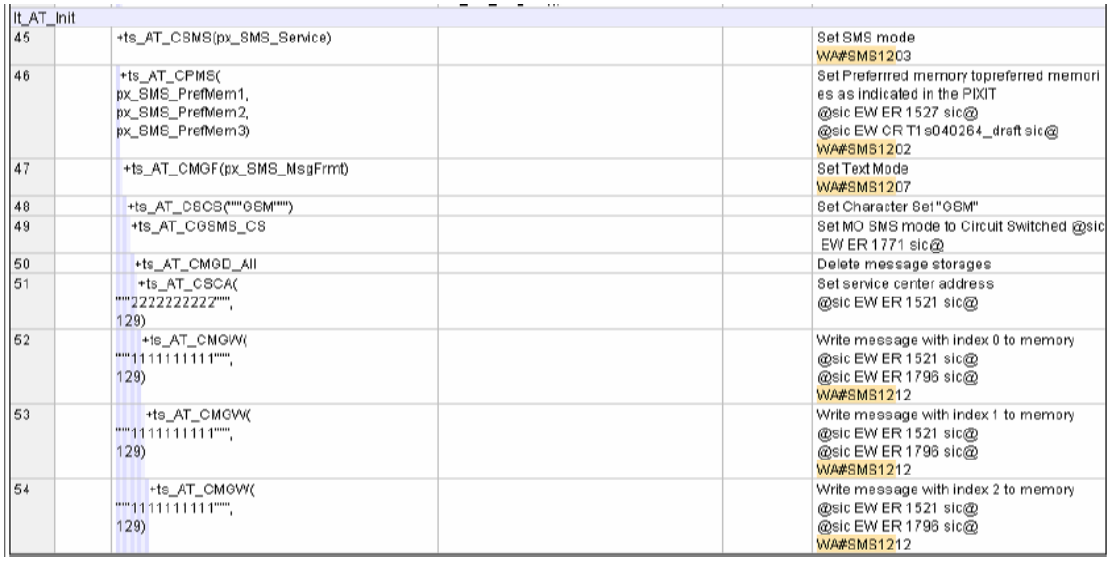
Test case name	tc_16_1_2
Reason for change	To use parametrized test steps to make the test case more flexible
Summary of change	Parametrized versions of ts_AT_CSMS, ts_AT_CPMS, ts_AT_CMGF, ts_AT_CMGW
Source of change	WA#SMS1202, WA#SMS1203, WA#SMS1207, WA#SMS1212



lt_AT_Init					
75		+ts_AT_CSMS(px_SMS_Service)			Set SMS mode VVA#SMS1203
76		+ts_AT_CPMS(px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3)			Set Preferrred memory topreferred memori es as indicated in the PIXIT @sic EWER 1527 sic@ @sic EWCR T1s040264_draft sic@ VVA#SMS1202
77		+ts_AT_CMGF(px_SMS_MsgFrmt)			Set Text Mode VVA#SMS1207
78		+ts_AT_CSCS("""GSM""")			Set Character Set "GSM"
79		+ts_AT_CGSMS_CS			Set MO SMS mode to Circuit Switched @sic EWER 1771 sic@
80		+ts_AT_CMGD_All			Delete message storages
81		+ts_AT_CSCA("""2222222222""", 129)			Set service center address @sic EWER 1521 sic@
82		+ts_AT_CMGW("""1111111111""", 129)			Write message with index1 to memory @sic EWER 1521 sic@ @sic EWER 1796 sic@ VVA#SMS1212

26.16 tc_16_1_9_1

Test case name	tc_16_1_9_1
Reason for change	To use parametrized test steps to make the test case more flexible
Summary of change	Parametrized versions of ts_AT_CSMS, ts_AT_CPMS, ts_AT_CMGF, ts_AT_CMGW
Source of change	WA#SMS1202, WA#SMS1203, WA#SMS1207, WA#SMS1212



lt_AT_Init					
45		+ts_AT_CSMS(px_SMS_Service)			Set SMS mode WA#SMS1203
46		+ts_AT_CPMS(px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3)			Set Preferred memory topreferred memori es as indicated in the PIXIT @sic EW ER 1527 sic@ @sic EW CR T1s040264_draft sic@ WA#SMS1202
47		+ts_AT_CMGF(px_SMS_MsgFrmt)			Set Text Mode WA#SMS1207
48		+ts_AT_CSCS("""GSM""")			Set Character Set "GSM"
49		+ts_AT_CGSMS_CS			Set MO SMS mode to Circuit Switched @sic EW ER 1771 sic@
50		+ts_AT_CMGD_All			Delete message storages
51		+ts_AT_CSCA("""2222222222""", 129)			Set service center address @sic EW ER 1521 sic@
52		+ts_AT_CMGW("""1111111111""", 129)			Write message with index 0 to memory @sic EW ER 1521 sic@ @sic EW ER 1796 sic@ WA#SMS1212
53		+ts_AT_CMGW("""1111111111""", 129)			Write message with index 1 to memory @sic EW ER 1521 sic@ @sic EW ER 1796 sic@ WA#SMS1212
54		+ts_AT_CMGW("""1111111111""", 129)			Write message with index 2 to memory @sic EW ER 1521 sic@ @sic EW ER 1796 sic@ WA#SMS1212

26.17 tc_16_1_9_2

Test case name	tc_16_1_9_2
Reason for change	To use parametrized test steps to make the test case more flexible
Summary of change	Parametrized versions of ts_AT_CSMS, ts_AT_CPMS, ts_AT_CMGF, ts_AT_CMGW
Source of change	WA#SMS1202, WA#SMS1203, WA#SMS1207, WA#SMS1212

lt_AT_Init					
49		+ts_AT_CSMS(px_SMS_Service)			Set SMS mode WA#SMS1203
50		+ts_AT_CPMS(px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3)			Set Preferrred memory topreferred memori es as indicated in the PIXIT @sic EW ER 1527 sic@ @sic EW CR T1s040264_draft sic@ WA#SMS1202
51		+ts_AT_CMGF(px_SMS_MsgFrmt)			Set Text Mode WA#SMS1207
52		+ts_AT_CSCS("""GSM""")			Set Character Set "GSM"
53		+ts_AT_CGSMS_CS			Set MO SMS mode to Circuit Switched @sic EW ER 1771 sic@
54		+ts_AT_CMGD_All			Delete message storages
55		+ts_AT_CSCA("""2222222222""", 129)			Set service center address @sic EW ER 1521 sic@
56		+ts_AT_CMGW("""1111111111""", 129)			Write message with index 0 to memory @sic EW ER 1521 sic@ @sic EW ER 1796 sic@ WA#SMS1212
57		+ts_AT_CMGW("""1111111111""", 129)			Write message with index 1 to memory @sic EW ER 1521 sic@ @sic EW ER 1796 sic@ WA#SMS1212
58		+ts_AT_CMGW("""1111111111""", 129)			Write message with index 2 to memory @sic EW ER 1521 sic@ @sic EW ER 1796 sic@ WA#SMS1212

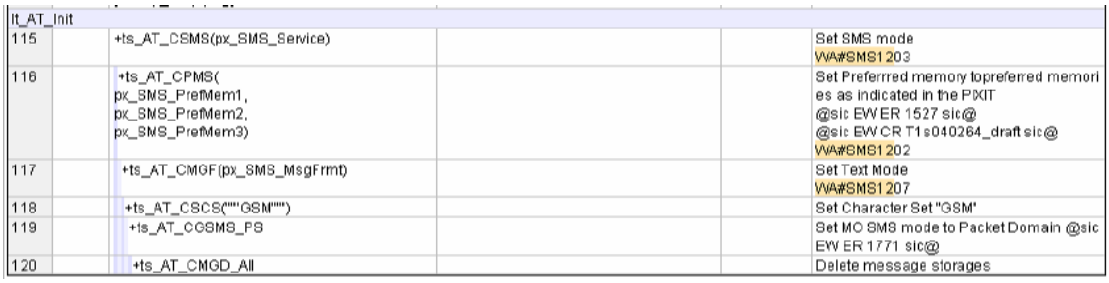
26.18 tc_16_1_10

Test case name	tc_16_1_10
Reason for change	To use parametrized test steps to make the test case more flexible
Summary of change	Parametrized versions of ts_AT_CSMS, ts_AT_CPMS, ts_AT_CMGF, ts_AT_CMGW
Source of change	WA#SMS1202, WA#SMS1203, WA#SMS1207, WA#SMS1212

lt_TI1				
33		[tcv_TI_1_S.tiVal = '000'B]		if the received TI1 value was 0
34		(tcv_TI_S.tiVal := '001'B, tcv_TI_R.tiVal := '001'B)		use TI value 1 n->ue
35		[NOT (tcv_TI_1_S.tiVal = '000'B)]		if the received TI1 value was NOT 0
36		(tcv_TI_S.tiVal := '000'B, tcv_TI_R.tiVal := '000'B)		use TI value 0 n->ue
lt_AT_Init				
37		+ts_AT_CSMS(px_SMS_Service)		Set SMS mode VVA#SMS1203
38		+ts_AT_CPMS(px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3)		Set Preferrred memory topreferred memori es as indicated in the PIXIT @sic EWER 1527 sic@ @sic EWCR T1s040264_draft sic@ VVA#SMS1202
39		+ts_AT_CMGF(px_SMS_MsgFrmt)		Set Text Mode VVA#SMS1207
40		+ts_AT_CSCS("""GSM""")		Set Character Set "GSM"
41		+ts_AT_CGSMS_CS		Set MO SMS mode to Circuit Switched @sic EWER 1771 sic@
42		+ts_AT_CMGD_All		Delete message storages
43		+ts_AT_CSCA("""2222222222""", 129)		Set service center address @sic EWER 1521 sic@
44		+ts_AT_CMGW("""1111111111""", 129)		Write message with index 0 to memory @sic EWER 1521 sic@ @sic EWER 1796 sic@ VVA#SMS1212

26.19 tc_16_2_1

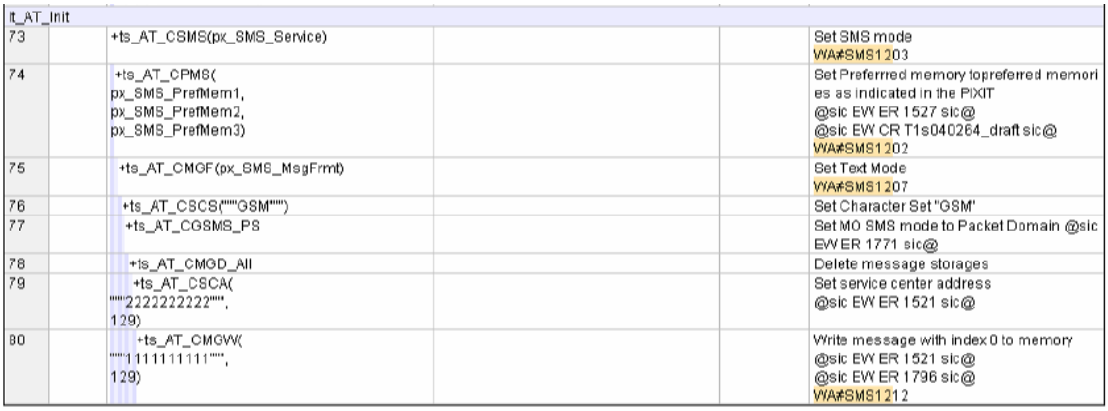
Test case name	tc_16_2_1
Reason for change	To use parametrized test steps to make the test case more flexible
Summary of change	Parametrized versions of ts_AT_CSMS, ts_AT_CPMS, ts_AT_CMGF
Source of change	WA#SMS1202, WA#SMS1203, WA#SMS1207



lt_AT_Init				
115		+ts_AT_CSMS(px_SMS_Service)		Set SMS mode VVA#SMS1203
116		+ts_AT_CPMS(px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3)		Set Preferrred memory topreferred memori es as indicated in the PIXIT @sic EWER 1527 sic@ @sic EWCR T1s040264_draft sic@ VVA#SMS1202
117		+ts_AT_CMGF(px_SMS_MsgFrmt)		Set Text Mode VVA#SMS1207
118		+ts_AT_CSCS("""GSM""")		Set Character Set "GSM"
119		+ts_AT_CGSMS_PS		Set MO SMS mode to Packet Domain @sic EWER 1771 sic@
120		+ts_AT_CMGD_All		Delete message storages

26.20 tc_16_2_2

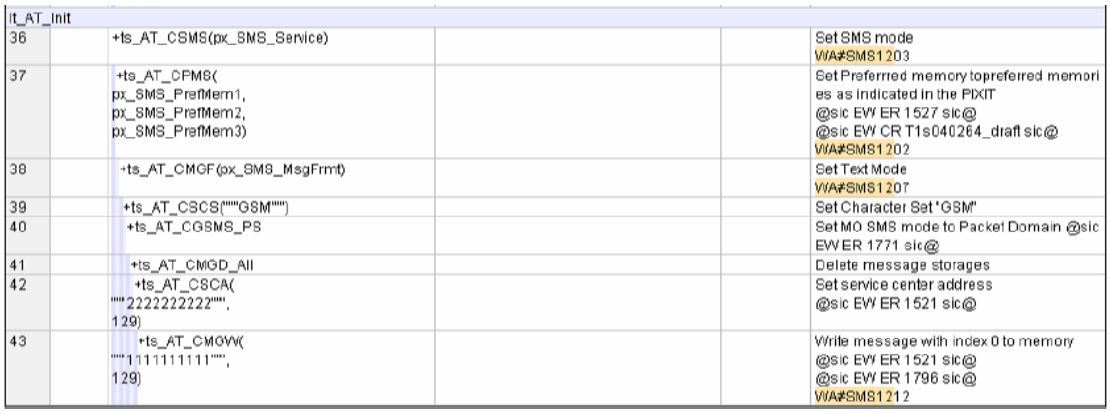
Test case name	tc_16_2_2
Reason for change	To use parametrized test steps to make the test case more flexible
Summary of change	Parametrized versions of ts_AT_CSMS, ts_AT_CPMS, ts_AT_CMGF, ts_AT_CMGW
Source of change	WA#SMS1202, WA#SMS1203, WA#SMS1207, WA#SMS1212



it_AT_Init					
73		+ts_AT_CSMS(px_SMS_Service)			Set SMS mode WA#SMS1203
74		+ts_AT_CPMS(px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3)			Set Preferred memory topreferred memories as indicated in the PIXIT @sic EW ER 1527 sic@ @sic EW CR T1s040264_draft sic@ WA#SMS1202
75		+ts_AT_CMGF(px_SMS_MsgFrmt)			Set Text Mode WA#SMS1207
76		+ts_AT_CSCS("""GSM""")			Set Character Set "GSM"
77		+ts_AT_CGSMS_PS			Set MO SMS mode to Packet Domain @sic EW ER 1771 sic@
78		+ts_AT_CMGD_All			Delete message storages
79		+ts_AT_CSCA("""2222222222""", 129)			Set service center address @sic EW ER 1521 sic@
80		+ts_AT_CMGW("""1111111111""", 129)			Write message with index 0 to memory @sic EW ER 1521 sic@ @sic EW ER 1796 sic@ WA#SMS1212

26.21 tc_16_2_10

Test case name	tc_16_2_10
Reason for change	To use parametrized test steps to make the test case more flexible
Summary of change	Parametrized versions of ts_AT_CSMS, ts_AT_CPMS, ts_AT_CMGF, ts_AT_CMGW
Source of change	WA#SMS1202, WA#SMS1203, WA#SMS1207, WA#SMS1212



it_AT_Init					
36		+ts_AT_CSMS(px_SMS_Service)			Set SMS mode WA#SMS1203
37		+ts_AT_CPMS(px_SMS_PrefMem1, px_SMS_PrefMem2, px_SMS_PrefMem3)			Set Preferred memory topreferred memories as indicated in the PIXIT @sic EW ER 1527 sic@ @sic EW CR T1s040264_draft sic@ WA#SMS1202
38		+ts_AT_CMGF(px_SMS_MsgFrmt)			Set Text Mode WA#SMS1207
39		+ts_AT_CSCS("""GSM""")			Set Character Set "GSM"
40		+ts_AT_CGSMS_PS			Set MO SMS mode to Packet Domain @sic EW ER 1771 sic@
41		+ts_AT_CMGD_All			Delete message storages
42		+ts_AT_CSCA("""2222222222""", 129)			Set service center address @sic EW ER 1521 sic@
43		+ts_AT_CMGW("""1111111111""", 129)			Write message with index 0 to memory @sic EW ER 1521 sic@ @sic EW ER 1796 sic@ WA#SMS1212

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1325 ⌘**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 GCF P4 test cases 8.1.7.1c
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	01/03/05
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: ⌘

For the test case 8.1.7.1c, first PS RB setup is performed and then CS RB setup is performed. The cell states used for this test case are cell_Two_DTCH_CS_PS, cell_Four_DTCH_CS_PS, cell_Two_DTCH_CS_PS_Init and cell_Four_DTCH_CS_PS_Init. However as these cell states are also used in test cases where first CS RB setup is followed with PS RB setup, it results in failure of these test cases when ciphering is turned on.

Thus need to add new cell states for 8.1.7.1c and should be used in the following test steps:

- lt_SetCellConfig in pr_GotoState6_14_PS_CS,
- ts_SendRB_SetUpInteractBackg_64k_ConvSpeech_CS_PS,
- ts_SendRB_SetUp_InteractBackg_64k_ConvUnknown_64k_20_CS_PS,
- ts_RRC_ReceiveRB_SetupCmpl
- ts_SS_DownloadSecurityKey

Summary of change: ⌘

1) Added new cell states:

cell_Two_DTCH_PS_CS_Init and cell_Four_DTCH_PS_CS_Init

2) Following test steps modified to use cell_Two_DTCH_PS_CS, cell_Four_DTCH_PS_CS, cell_Two_DTCH_PS_CS_Init and cell_Four_DTCH_PS_CS_Init

- lt_SetCellConfig in pr_GotoState6_14_PS_CS,

		• ts_SendRB_SetUpInteractBackg_64k_ConvSpeech_CS_PS, • ts_SendRB_SetUp_InteractBackg_64k_ConvUnknown_64k_20_CS_PS, • ts_RRC_ReceiveRB_SetupCmpl • ts_SS_DownloadSecurityKey
Consequences if not approved:	⌘	A conformant UE might fail in other test cases.

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

How to create CRs using this form:

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

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

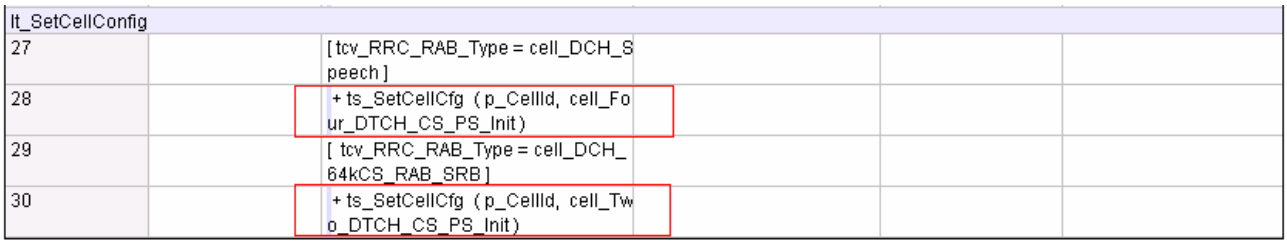
2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest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

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

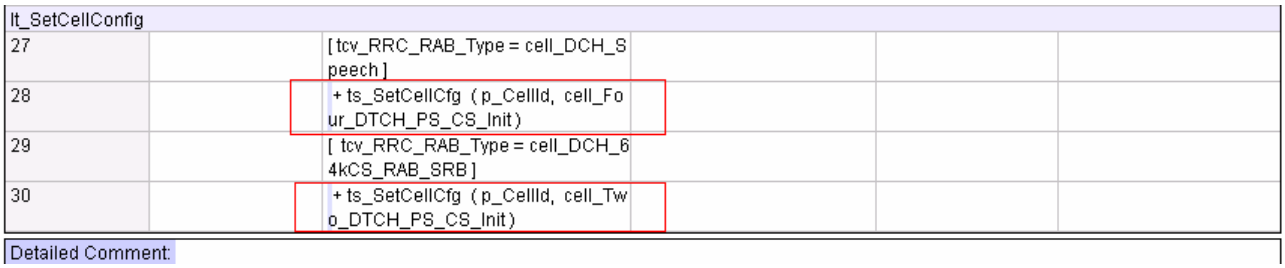
27 Change 1

Test Step	lt_SetCellConfig in pr_GotoState6_14_PS_CS
Reason for change	Test step lt_SetCellConfig, sets the cell configuration as Cell_Four_DTCH_CS_PS_Init and Cell_Two_DTCH_CS_PS_Init. In this test case first PS RAB is established and then a CS RAB is established. So the cell configuration should be set to Cell_Four_DTCH_PS_CS_Init and Cell_Two_DTCH_PS_CS_Init
Summary of change	Test step lt_SetCellConfig is modified to set the cell configuration to Cell_Four_DTCH_PS_CS_Init and Cell_Two_DTCH_PS_CS_Init
Source of change	New change

Before :



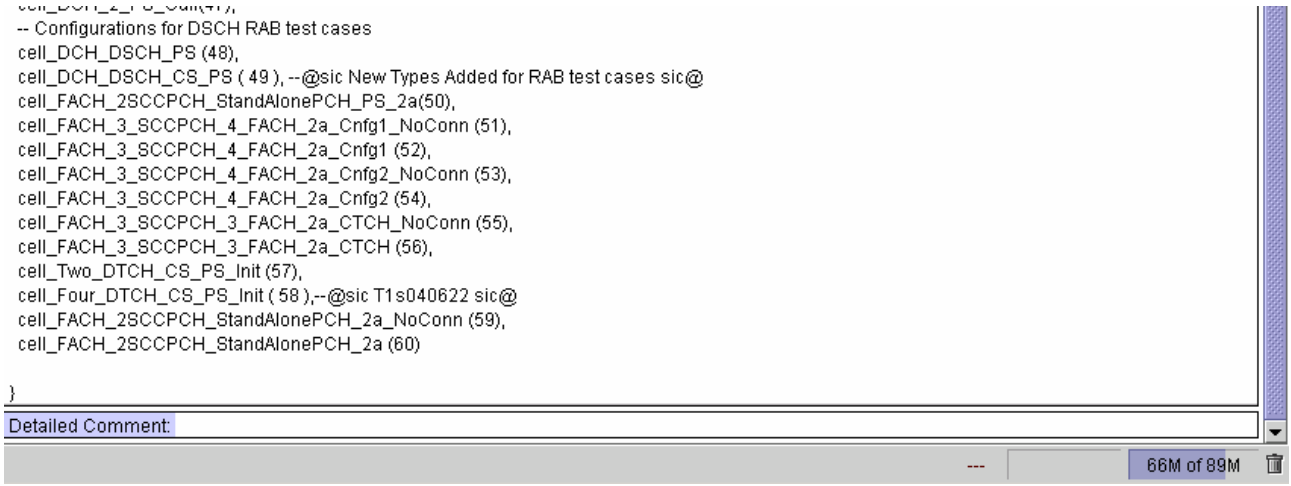
After :



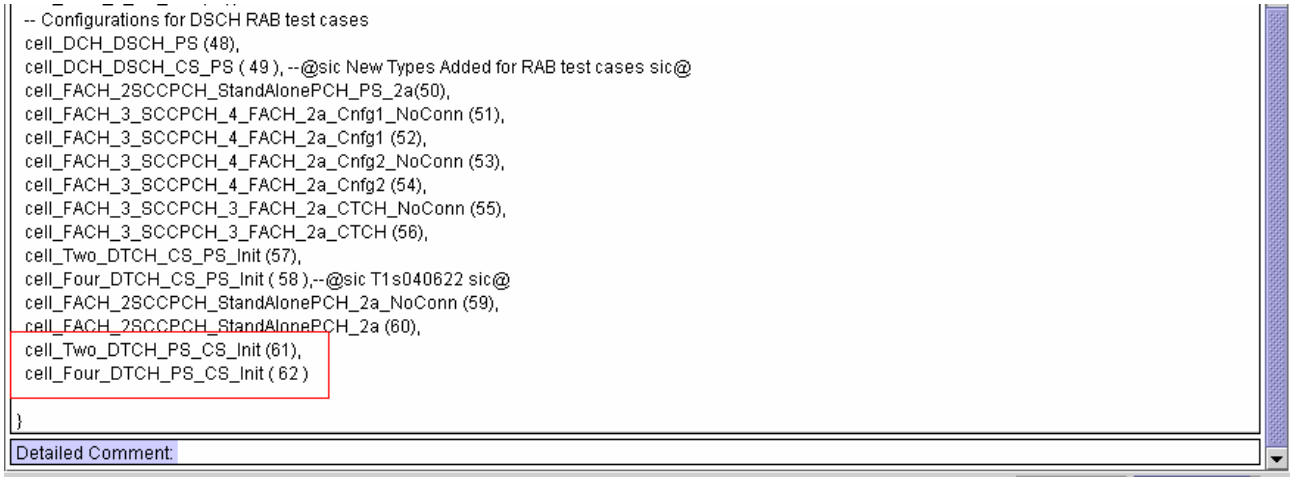
28 Change 2

ASN 1 Type Definition	RB_ConfigType
Reason for change	Enum type Cell_Four_DTCH_PS_CS_Init and Cell_TWO_DTCH_PS_CS_Init needs to be defined
Summary of change	Enum type Cell_Four_DTCH_PS_CS_Init and Cell_TWO_DTCH_PS_CS_Init defined
Source of change	New change

Before :



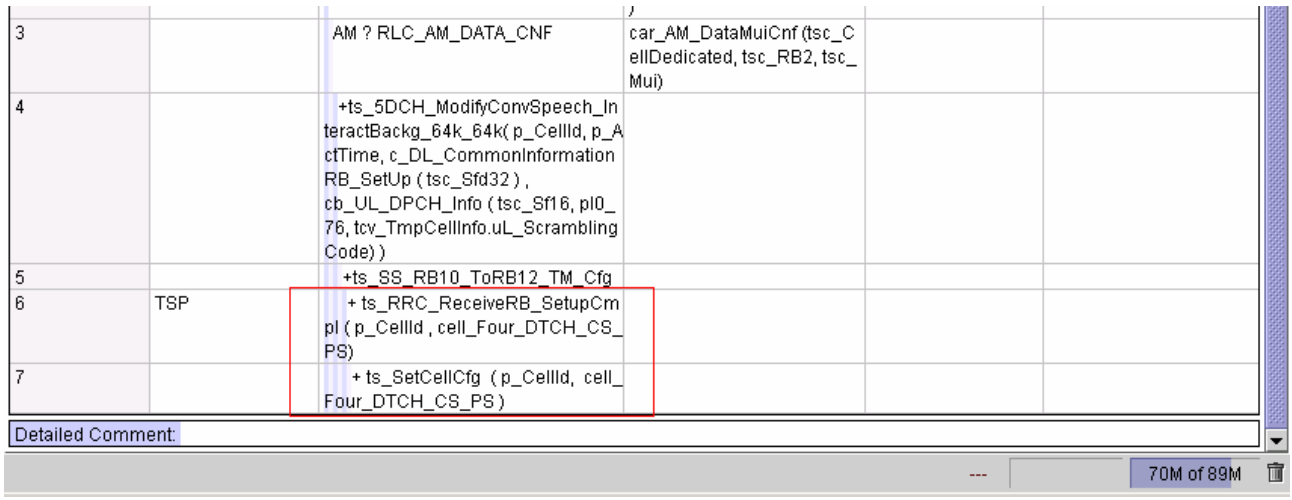
After :



29 Change 3

Test Step	ts_SendRB_SetUpInteractBackg_64k_ConvSpeech_CS_PS
Reason for change	Line 6 and 7 in test step ts_SendRB_SetUpInteractBackg_64k_ConvSpeech_CS_PS should use cell_Four_DTCH_PS_CS as cell configuration.
Summary of change	Test step ts_SendRB_SetUpInteractBackg_64k_ConvSpeech_CS_PS modified to use cell_Four_DTCH_PS_CS as cell configuration.
Source of change	New change

Before:

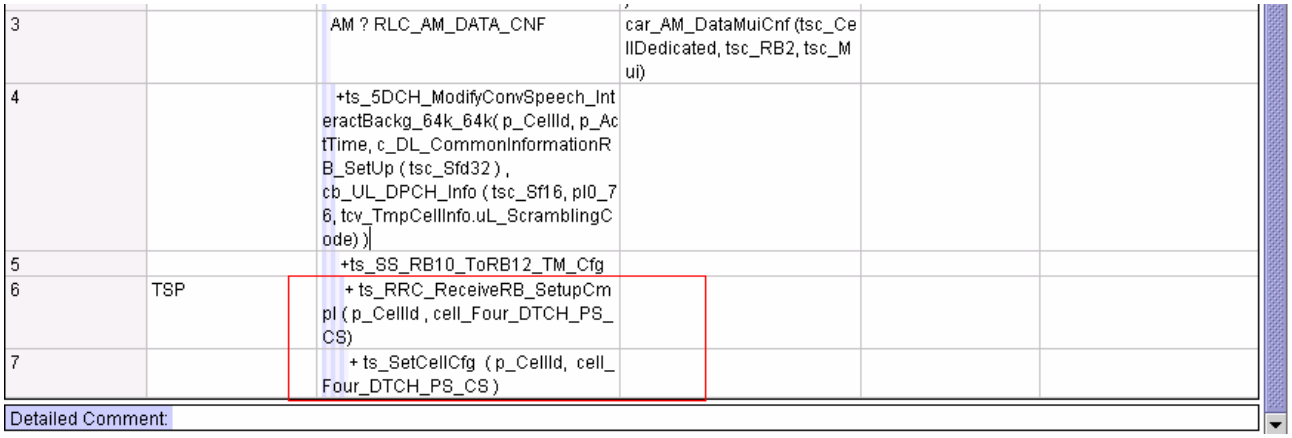


3		AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui)		
4		+ts_5DCH_ModifyConvSpeech_InteractBackg_64k_64k(p_CellId, p_ActTime, c_DL_CommonInformation RB_SetUp (tsc_Sfd32) , cb_UL_DPCH_Info (tsc_Sf16, pl0_76, tcv_TmpCellInfo.uL_Scrambling Code))			
5		+ts_SS_RB10_ToRB12_TM_Cfg			
6	TSP	+ ts_RRC_ReceiveRB_SetupCmpl (p_CellId , cell_Four_DTCH_CS_PS)			
7		+ ts_SetCellCfg (p_CellId, cell_Four_DTCH_CS_PS)			

Detailed Comment:

--- 70M of 89M

After:



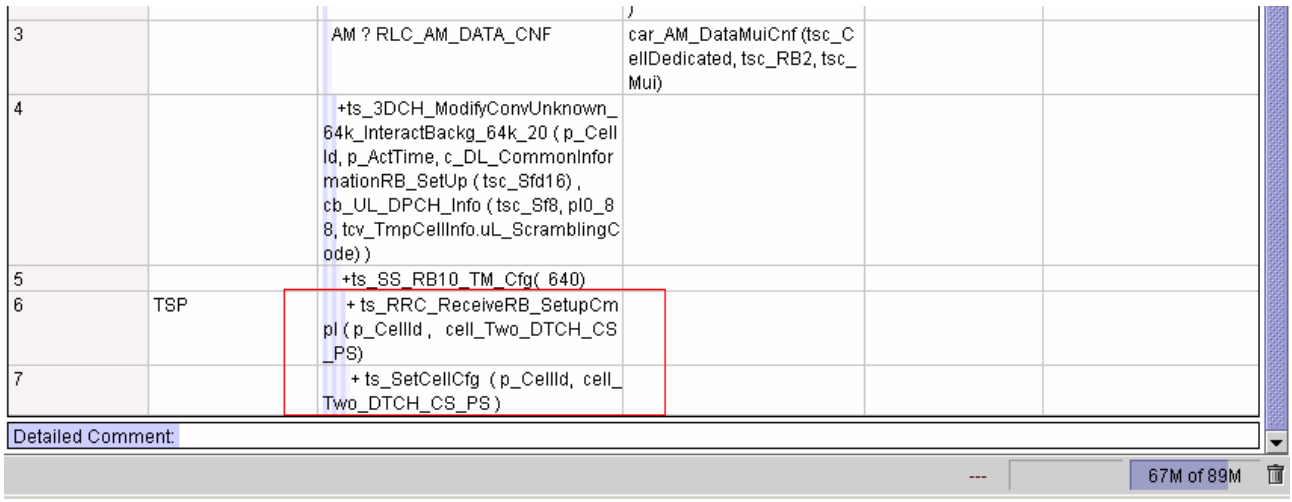
3		AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui)		
4		+ts_5DCH_ModifyConvSpeech_InteractBackg_64k_64k(p_CellId, p_ActTime, c_DL_CommonInformationRB_SetUp (tsc_Sfd32) , cb_UL_DPCH_Info (tsc_Sf16, pl0_76, tcv_TmpCellInfo.uL_ScramblingCode))			
5		+ts_SS_RB10_ToRB12_TM_Cfg			
6	TSP	+ ts_RRC_ReceiveRB_SetupCmpl (p_CellId , cell_Four_DTCH_PS_CS)			
7		+ ts_SetCellCfg (p_CellId, cell_Four_DTCH_PS_CS)			

Detailed Comment:

30 Change 4

Test Step	ts_SendRB_SetUp_InteractBackg_64k_ConvUnknown_64k_20_CS_PS
Reason for change	Line 6 and 7 in test step ts_SendRB_SetUp_InteractBackg_64k_ConvUnknown_64k_20_CS_PS should use cell_Two_DTCH_PS_CS as cell configuration.
Summary of change	Test step ts_SendRB_SetUp_InteractBackg_64k_ConvUnknown_64k_20_CS_PS modified to use cell_Two_DTCH_PS_CS as cell configuration.
Source of change	New change

Before:

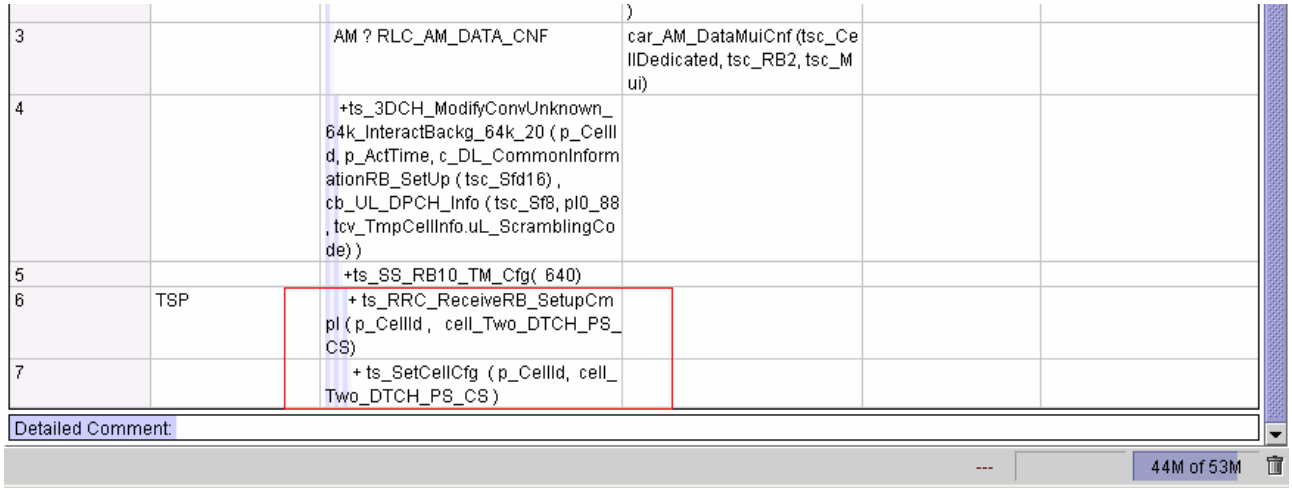


			)		
3		AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui)		
4		+ts_3DCH_ModifyConvUnknown_64k_InteractBackg_64k_20 (p_CellId, p_ActTime, c_DL_CommonInformationRB_SetUp (tsc_Sfd16) , cb_UL_DPCH_Info (tsc_Sf8, pl0_88, tcv_TmpCellInfo.uL_ScramblingCode))			
5		+ts_SS_RB10_TM_Cfg(640)			
6	TSP	+ ts_RRC_ReceiveRB_SetupCmpl (p_CellId , cell_Two_DTCH_CS_PS)			
7		+ ts_SetCellCfg (p_CellId, cell_Two_DTCH_CS_PS)			

Detailed Comment:

--- 67M of 89M

After:



			)		
3		AM ? RLC_AM_DATA_CNF	car_AM_DataMuiCnf (tsc_CellDedicated, tsc_RB2, tsc_Mui)		
4		+ts_3DCH_ModifyConvUnknown_64k_InteractBackg_64k_20 (p_CellId, p_ActTime, c_DL_CommonInformationRB_SetUp (tsc_Sfd16) , cb_UL_DPCH_Info (tsc_Sf8, pl0_88, tcv_TmpCellInfo.uL_ScramblingCode))			
5		+ts_SS_RB10_TM_Cfg(640)			
6	TSP	+ ts_RRC_ReceiveRB_SetupCmpl (p_CellId , cell_Two_DTCH_PS_CS)			
7		+ ts_SetCellCfg (p_CellId, cell_Two_DTCH_PS_CS)			

Detailed Comment:

--- 44M of 53M

31 Change 5

Test Step	ts_RRC_ReceiveRB_SetupCmpl
Reason for change	Line 3 in test step ts_RRC_ReceiveRB_SetupCmpl should not check for configuration cell_Two_DTCH_CS_PS and cell_Four_DTCH_CS_PS
Summary of change	Test step ts_RRC_ReceiveRB_SetupCmpl is modified not to check for configurations cell_Two_DTCH_CS_PS and cell_Four_DTCH_CS_PS
Source of change	New change

Before:

Test Step	
Test Step Id:	ts_RRC_ReceiveRB_SetupCmpl (p_CellId : INTEGER; p_RbType: RB_ConfigType)
Test Step Group Ref:	BasicM_RRC_Steps/
Objective:	To receive RADIO BEARER SETUP 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		[(p_RbType = cell_DCH_Speech) OR (p_RbType = cell_DCH_64kCS_RAB_SRB) OR (p_RbType = cell_DCH_57_6kCS_RAB_SRB) OR (p_RbType = cell_Two_DTCH) OR (p_RbType = cell_Four_DTCH_CS) OR ((p_RbType = cell_Two_DTCH_CS_PS) AND (tcv_CN_Domain = cs_domain)) OR ((p_RbType = cell_Four_DTCH_CS_PS) AND (tcv_CN_Domain = cs_domain)) OR ((p_RbType = cell_Two_DTCH_PS_CS) AND (tcv_CN_Domain = cs_domain)) OR ((p_RbType = cell_Four_DTCH_PS_CS) AND (tcv_CN_Domain = cs_domain)) OR ((p_RbType = cell_DCH_DSCH_CS_PS) AND (tcv_CN_Domain = cs_domain))]			TM RAB @sic T1s-040677 sic@
4		[(tcv_CellIndInfo.cs_cipheringStarted = TRUE) AND(tcv_CellIndInfo.recentSecureDomain = cs_domain)]			

--- 71M of 89M

After:

Test Step					
Test Step Id:	ts_RRC_ReceiveRB_SetupCmpl (p_CellId : INTEGER; p_RbType: RB_ConfigType)				
Test Step Group Ref:	BasicM_RRC_Steps/				
Objective:	To receive RADIO BEARER SETUP 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		[(p_RbType = cell_DCH_Speech) OR (p_RbType = cell_DCH_64kCS_RAB_SRB) OR (p_RbType = cell_DCH_57_6kCS_RAB_SRB) OR (p_RbType = cell_Two_DTCH) OR (p_RbType = cell_Four_DTCH_CS) OR ((p_RbType = cell_Two_DTCH_PS_CS) AND (tcv_CN_Domain = cs_domain)) OR ((p_RbType = cell_Four_DTCH_PS_CS) AND (tcv_CN_Domain = cs_domain)) OR ((p_RbType = cell_DCH_DSCH_CS_PS) AND (tcv_CN_Domain = cs_domain))]			TM RAB @sic T1s-040677 sic@
4		[(tcv_CellIndInfo.cs_cipheringStarted = TRUE) AND(tcv_CellIndInfo.recentSecureDomain = cs_domain)]			

32 Change 6

Test Step	ts_SS_DownloadSecurityKey
Reason for change	Line 7 in test step ts_SS_DownloadSecurityKey should not check for configuration cell_Two_DTCH_CS_PS, cell_Four_DTCH_CS_PS, cell_Two_DTCH_CS_PS_Init and cell_Four_DTCH_CS_PS_Init
Summary of change	Test step ts_SS_DownloadSecurityKey is modified not to check for configurations cell_Two_DTCH_CS_PS, cell_Four_DTCH_CS_PS, cell_Two_DTCH_CS_PS_Init and cell_Four_DTCH_CS_PS_Init
Source of change	New change

Before:

6		+ lt_DownloadKeyCRLC (tcv_HFN , p_KC,p_IK)			
7		[(tcv_TmpCellInfo.cellConfig = cell_DCH_Speech) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig =cell_Two_DTCH_CS_PS_Init) OR (tcv_TmpCellInfo.cellConfig =cell_Four_DTCH_CS_PS_Init) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_CS_PS) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_CS_PS)]			cell DCH with TM RAB @sic T1s-040677 sic@
8		+ lt_DownloadKeyCRLC (tcv_HFN ,p_KC,p_IK)			
9		+ lt_DownloadKeyCMAC (tcv_HFN, p_KC)			
10		[TRUE]			
11		[NOT px_CipheringOnOff]			

After:

6		+ lt_DownloadKeyCRLC (tcv_HFN , p_KC,p_IK)			
7		[(tcv_TmpCellInfo.cellConfig = cell_DCH_Speech) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_64kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig = cell_DCH_57_6kCS_RAB_SRB) OR (tcv_TmpCellInfo.cellConfig =cell_Two_DTCH_PS_CS_Init) OR (tcv_TmpCellInfo.cellConfig =cell_Four_DTCH_PS_CS_Init) OR (tcv_TmpCellInfo.cellConfig = cell_Two_DTCH_PS_CS) OR (tcv_TmpCellInfo.cellConfig = cell_Four_DTCH_PS_CS)]			cell DCH with TM RAB @sic T1s-040677 sic@
8		+ lt_DownloadKeyCRLC (tcv_HFN ,p_KC,p_IK)			
9		+ lt_DownloadKeyCMAC (tcv_HFN, p_KC)			
10		[TRUE]			
11		[NOT px_CipheringOnOff]			

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1326 ⌘ **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 in the wk07 ATS.
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	01/03/05
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 wk07 ATS.
Summary of change:	⌘	This document lists all changes applied to wk07 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:
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.

33 Table of Contents

34 Corrections required for RRC_wk07 test suite

34.1 Change 1

Test step	It_TestBody, tc_8_2_2_31
Reason for change	As per 34.123-1 message specific content for Radio Bearer Reconfiguration, for the frequency Info IE UL UARFCN should be transmitted. In the TTCN implementation this is done. However for sending the UL UARFCN, the value used is px_UARFCN_D_High - 950 at line 20. As 950 is the frequency separation applicable only for Band 1, the test case fails in case of Band2.
Summary of change	At line 20 used px_UARFCN_U_High instead of px_UARFCN_D_High – 950.
Source of change	New change

After:

It_TestBody					
19		+ts_SetAttenuationLevel (tsc_CellF, tsc_AttLevToPower60_dBm)			Step 2 @sic OG 25/05/04 T1-04 0940 sic@
20		(tcv_CellInfoA.dl_DPCH_2ndScrCode := tsc_DL_DPCH_ScrC_ 2, tcv_CellInfoF.dl_DPCH_2ndScrCode := tsc_DL_DPCH_ScrC_2, tcv_CellInfoF.frequencyInfo := c_FreqInfo (px_UARFCN_U_High , px_UARFCN_D_High))			@sic OG 04/10/04 T1s04 0485 sic@

34.2 Change 2

Test step	ts_C2_CheckCellFACH
Reason for change	In this test step, there is no FAIL verdict assigned to Line 7 (indentation 3). If UE does not send RRC Connection release complete message, test case will continue without assigning any FAIL verdict
Summary of change	At row 7 added Fail verdict.
Source of change	New change

After:

1		+ ts_SetTmpCellInfo (p_CellId)			
2		+ ts_RRC_Delay (tsc_DelayBeforeRRC_ConnRel)			
3		UM ! RLC_UM_DATA_REQ START t_WaitMS	cas_RRC_ConnRelDCCH (tsc_CellDedicated, tsc_RB1, cs_108_RRC_ConnRelDCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT))		step 1
4	TSP	AM ? RLC_AM_DATA_IND CANCEL t_WaitMS	car_RRC_ConnRelCmpl (tsc_CellDedicated, tsc_RB2, cbr_108_RRC_ConnRelCmpl (tcv_RRC_Ti))	(P)	step 2
5		+ ts_RRC_Delay (tsc_DelayAfterRRC_ConnRel)			@sic T1040XXXDelayAfterRRCConRel sic@
6		+ lt_RestartCRLC_ForNextConnection			
7		? TIMEOUT t_WaitMS		(F)	

34.3 Change 3

Test step	ts_SendDefSysInfo_3PLMN
Reason for change	In the above test step ts_SendPage1_ModifySI is called at row 21. This test step waits for 5 seconds before sending the Paging Information. However during regression we have observed that sometimes UE is able to send RRC Connection Request on Cell G before the expiry of the above timer, which results in test case failure. As in this test step there is no need to page the UE, thus Anite propose to remove the call to test step ts_SendPage1_ModifySI from this test step.
Summary of change	Removed call to test step ts_SendPage1_ModifySI at row 21.
Source of change	New change

35 Corrections required for IR_U_wk07 test suite

35.1 Change 1

Test step	ts_G_CC_EnterU10_MO
Reason for change	The Physical Channel Id "tsc_PhyCh0" used for SS to send ALERTING and CONNECT message at line #17 and 18 are not correct.
Summary of change	The Physical Channel Id at line #17 and line #18 are changed from "tsc_PhyCh0" to "tsc_G_TrchId1"
Source of change	New change

Before:

Test Step Id:	ts_G_CC_EnterU10_MO (p_GCellId : INTEGER)
Test Step Group Ref:	GSM_Specific/
Objective:	
Defaults:	IntersystemDef
Comments:	

Nr	Label	Behaviour Description	Constraint Ref
1		+ts_G_SetTmpCellConfigInfo (p_GCellId)	
2		+ts_G_RR_Con_Est (p_GCellId)	
3		+ts_G_CMServiceReq_MO(p_GCellId)	
4		+ts_G_ReceiveOptSuspend(tsc_PhyCh0, ?)	
5		+ts_G_Authentication (p_GCellId)	
6		[px_GSM_CipheringOnOff='1'B]	
7		+ts_G_Ciphering_Mode_Setting (p_GCellId, tsc_PhyCh0)	
8		+ts_G_Rcv_SetUp (p_GCellId)	
9		+lt_continue	
10		[TRUE]	
11		G_L2 ! G_L2_DATA_REQ	cas_G_L2_DATA_REQ (p_GCellId, 0, tsc_PhyCh0, tcv_RR_ChannelType, tcv_RR_Subchannel, c_G_RFN_Omit, c_CM_ServAcp)
12		+ts_G_Rcv_SetUp (p_GCellId)	
13		+lt_continue	
lt_continue			
14		+ts_SetTI_Rsp(tcv_SetupMOr.ti)	
15		G_L2 ! G_L2_DATA_REQ	cas_G_L2_DATA_REQ (p_GCellId, 0, tsc_PhyCh0, tcv_RR_ChannelType, tcv_RR_Subchannel, c_G_RFN_Omit, cs_CallProc(tcv_TI_S))
16		+ts_G_Assignment(p_GCellId)	
17		G_L2 ! G_L2_DATA_REQ	cas_G_L2_DATA_REQ (p_GCellId, 0, tsc_PhyCh0, tcv_RR_ChannelType2, tcv_RR_Subchannel2, c_G_RFN_Omit, cs_Alert(tcv_TI_S))
18		G_L2 ! G_L2_DATA_REQ	cas_G_L2_DATA_REQ (p_GCellId, 0, tsc_PhyCh0, tcv_RR_ChannelType2, tcv_RR_Subchannel2, c_G_RFN_Omit, cs_Connect(tcv_TI_S))
19		G_L2 ? G_L2_DATA_IND	c_G_L2_DATA_IND (p_GCellId, cr_ConnAck(?))

After:

Test Step			
Test Step Id:	ts_G_CC_EnterU10_MO (p_GCellId : INTEGER)		
Test Step Group Ref:	GSM_Specific/		
Objective:			
Defaults:	IntersystemDef		
Comments:			
Nr	Label	Behaviour Description	Constraint Ref
1		+ts_G_SetTmpCellConfigInfo (p_GCellId)	
2		+ts_G_RR_Con_Est (p_GCellId)	
3		+ts_G_CMServiceReq_MO(p_GCellId)	
4		+ts_G_ReceiveOptSuspend(tsc_PhyCh0, ?)	
5		+ts_G_Authentication (p_GCellId)	
6		[px_GSM_CipheringOnOff='1'B]	
7		+ts_G_Ciphering_Mode_Setting (p_GCellId, tsc_PhyCh0)	
8		+ts_G_Rcv_SetUp (p_GCellId)	
9		+lt_continue	
10		[TRUE]	
11		G_L2 ! G_L2_DATA_REQ	cas_G_L2_DATA_REQ (p_GCellId, 0, tsc_PhyCh0, tcv_RR_ChannelType, tcv_RR_Subchannel, c_G_RFN_Omit, c_CM_ServAcp)
12		+ts_G_Rcv_SetUp (p_GCellId)	
13		+lt_continue	
lt_continue			
14		+ts_SetTI_Rsp(tcv_SetupMOr.ti)	
15		G_L2 ! G_L2_DATA_REQ	cas_G_L2_DATA_REQ (p_GCellId, 0, tsc_PhyCh0, tcv_RR_ChannelType, tcv_RR_Subchannel, c_G_RFN_Omit, cs_CallProc(tcv_TI_S))
16		+ts_G_Assignment(p_GCellId)	
17		G_L2 ! G_L2_DATA_REQ	cas_G_L2_DATA_REQ (p_GCellId, 0, tsc_G_TrchId1 tcv_RR_ChannelType2, tcv_RR_Subchannel2, c_G_RFN_Omit, cs_Alert(tcv_TI_S))
18		G_L2 ! G_L2_DATA_REQ	cas_G_L2_DATA_REQ (p_GCellId, 0, tsc_G_TrchId1, tcv_RR_ChannelType2, tcv_RR_Subchannel2, c_G_RFN_Omit, cs_Connect(tcv_TI_S))
19		G_L2 ? G_L2_DATA_IND	c_G_L2_DATA_IND (p_GCellId, cr_ConnAck(?))

35.2 Change 2

Test step	c_SI2quaterMeasParams3G_ISHO (affecting tc 12_8)
Reason for change	In the CR T1s050001 for the test case 8_3_11_4 fDD_Qoffset value has been changed in SI2 Quarter to '0000'B. This change is affecting the 12.8 test case as this makes UMTS cell qualitatively better than the GSM cell. As a result the UE is doing Cell reselection and trying to reselect the UMTS cell instead of doing Periodic RAU procedure after 6 mins in the GSM cell. As a solution we feel there is no need to send the System Information type SI2 Quarter message for this test case.
Summary of change	At line#42, the second parameter to the test step ts_GERANCreateCell is changed from **si2quater** to **nosi2quater.**
Source of change	New change

Before:

lt_Activate_CellB_Step6		
41		+ts_SS_DecrementCellPowerLevel (tsc_CellA, tsc_AttenuationSuitableNeighbourCell - tsc_AttenuationServingCell)
42		+ts_GERANCreateCell(tsc_GSM_CellA, bcch, si2quater, nopsi5)
43		(tcv_GPRS_CipherAlg := px_CipherAlg)

After:

It_Activate_CellB_Step6		
41		+ts_SS_DecrementCellPowerLevel (tsc_CellA, tsc_AttenuationSuitableNeighbourCell - tsc_AttenuationServingCell)
42		+ts_GERANCreateCell(tsc_GSM_CellA, bcch, nosi2quater, nopsi5)
43		(tcv_GPRS_CipherAlg := px_CipherAlg)

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1327 ⌘**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 NAS WI 12 test case 12.4.1.5.
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	18/02/05
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:	⌘	According to 34.123-1v5.10.0 Sec 12.4.1.5.2, the UE should initiate a RAU procedure after the expiry of T3302. In the TTCN implementation the lower bound for timer T3302 is checked, however the upper bound is not checked.
Summary of change:	⌘	Added check for Upper bound for the expiry of T3302.
Consequences if not approved:	⌘	A non-conformant UE may pass the testcase.

Clauses affected:	⌘				
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.

35.3 Change1

TTCN Reference	TC_12_4_1_5, lt_TestBody line#19
Reason for change	According to 34.123-1v5.10.0 Sec 12.4.1.5.2, the UE should initiate a RAU procedure after the expiry of T3302. In the TTCN implementation the lower bound for timer T3302 is checked, however the upper bound is not checked.
Summary of change	Added check for Upper bound for the expiry of T3302.

Before change:

18		+lt_RARej (4)			Steps 20 to 21
19		+ts_VerifyNoAccess (648)			Step 22. Verify that the UE does not attempt to access the network for 12 min - 10% @sic VB T1s050018 sic@
20		+lt_RAUpd			Steps 24 to 26
21		+ts_GMM_DetachOnSwitchOff (tsc_CellB)			Postamble @sic VB T1-050405 sic@

After change:

18		+lt_RARej (4)			Steps 20 to 21
19		(tcv_T3302 := 720000,tcv_Tolerance := tcv_T3302/10)			
20		START t_UpperBound (tcv_T3302 + tcv_Tolerance), START t_LowerBound (tcv_T3302 - tcv_Tolerance)			
21		TM ? OTHERWISE		(F)	
22		? TIMEOUT t_LowerBound		(P)	
23		+lt_RAUpd			Steps 24 to 26
24		+ts_GMM_DetachOnSwitchOff(tsc_CellB)			

35.4 Change 2

TTCN Reference	TC_12_4_1_5, lt_RAUpd
Reason for change	According to 34.123-1v5.10.0 Sec 12.4.1.5.2, the UE should initiate a RAU procedure after the expiry of T3302. In the TTCN implementation the lower bound for timer T3302 is checked, however the upper bound is not checked.
Summary of change	New change

Before change:

lt_RAUpd					
49		+ts_RRC_ConnEst(tsc_CellB, est_Reg, registration)			
50		Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_RA_UpdReqAnyTS (c_GMM_UpdateTypeRA_Updating, c_RAI_v (tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac), c_PTMSI_Signature (tcv_Assigned_PTMSI_Sig), tcv_PS_KeySeq))		Step 24. ROUTING AREA UPDATING REQUEST - Update type = 'RA updating' @sic VB Handling parallel cs registration and ps routing area update sic@

After change:

lt_RAUpd					
52		? TIMEOUT t_UpperBound		(F)	
53	TBP1	TM ? RLC_TR_DATA_IND (tcv_InitialUE_Id := RLC_TR_DATA_IND.tM_message.uL_CCCH_Message.message.rrcConnectionRequest.initialUE_Identity) CANCEL t_UpperBound	car_RRC_ConnReq (tsc_CellB, tsc_RB0, cbr_108_RRC_ConnReq (registration))	(P)	
54		+ ts_RRC_ConnEstEnd (tsc_CellB)			
55		Dc ? RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_PS_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cr_RA_UpdReqAnyTS (c_GMM_UpdateTypeRA_Updating, c_RAI_v (tcv_CellInfoA.mcc, tcv_CellInfoA.mnc, tcv_CellInfoA.lac, tcv_CellInfoA.rac), c_PTMSI_Signature (tcv_Assigned_PTMSI_Sig), tcv_PS_KeySeq))		Step 24. ROUTING AREA UPDATING REQUEST - Update type = 'RA updating' @sic VB Handling parallel cs registration and ps routing area update sic@

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1328 ⌘ **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 GCF P4 test cases 8.1.7.1d
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	01/03/05
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:	⌘	In the test case 8.1.7.1d, SS transmits Security Mode Command and then switches off the cell. As security mode procedure gets interrupted by cell update procedure, SS reverts to the old ciphering and integrity configuration. Switching off the cell takes some time and in this time UE transmits SecurityModeComplete message with new integrity configuration. When this message is processed at SS, integrity check on this message fails as by this time SS has reverted to old ciphering and integrity configuration. As a result ASP Integrity_Failure_Indication is passed on to TTCN. Need to handle this indication in test body. Currently this is handled in defaults and the test case fails.
Summary of change:	⌘	TestCase 8_1_7_1d is modified to handle Integrity_Failure_Indication.
Consequences if not approved:	⌘	Test case will fail a conformant UE

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

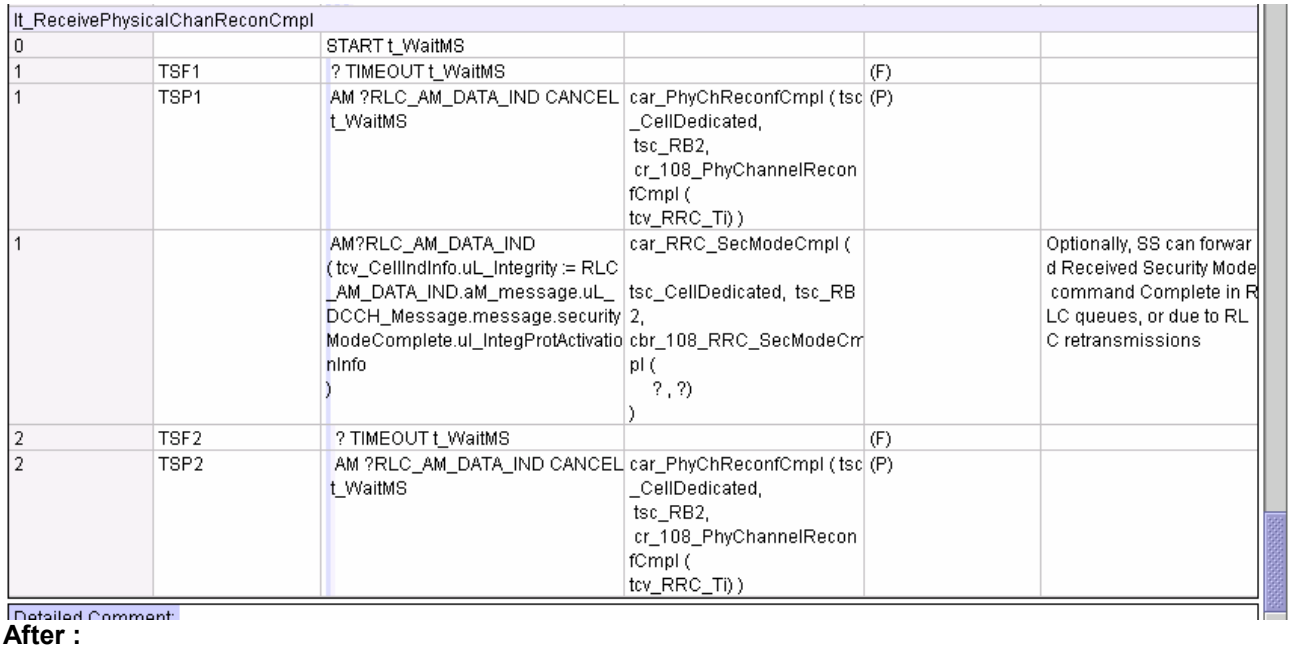
2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest 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.

36 Change 1

Test Step	lt_ReceivePhysicalChanReconCmpl
Reason for change	In the test case 8.1.7.1d, SS transmits Security Mode Command and then switches off the cell. As security mode procedure gets interrupted by cell update procedure, SS reverts to the old ciphering and integrity configuration. Switching off the cell takes some time and in this time UE transmits SecurityModeComplete message with new integrity configuration. When this message is processed at SS, integrity check on this message fails as by this time SS has reverted to old ciphering and integrity configuration. As a result ASP Integrity_Failure_Indication is passed on to TTCN. Need to handle this indication in test body. Currently this is handled in defaults and the test case fails.
Summary of change	lt_ReceivePhysicalChanReconCmpl is modified to handle Integrity_Failure_Indication.
Source of change	New change

Before :



lt_ReceivePhysicalChanReconCmpl					
0		START t_WaitMS			
1	TSF1	? TIMEOUT t_WaitMS		(F)	
1	TSP1	AM ?RLC_AM_DATA_IND CANCEL t_WaitMS	car_PhyChReconfCmpl (tsc_CellDedicated, tsc_RB2, cr_108_PhyChannelReconfCmpl (tcv_RRC_Ti))	(P)	
1		AM?RLC_AM_DATA_IND (tcv_CellIndInfo.uL_Integrity := RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.securityModeComplete.ul_IntegProtActivationInfo)	car_RRC_SecModeCmpl (tsc_CellDedicated, tsc_RB2, cbr_108_RRC_SecModeCmpl (? , ?))		Optionally, SS can forward Received Security Mode command Complete in RLC queues, or due to RLC retransmissions
2	TSF2	? TIMEOUT t_WaitMS		(F)	
2	TSP2	AM ?RLC_AM_DATA_IND CANCEL t_WaitMS	car_PhyChReconfCmpl (tsc_CellDedicated, tsc_RB2, cr_108_PhyChannelReconfCmpl (tcv_RRC_Ti))	(P)	
Detailed Comment					

After :

It_ReceivePhysicalChanReconCmpl					
0		START t_WaitMS			
1	TSF1	? TIMEOUT t_WaitMS		(F)	
1	TSP1	AM ?RLC_AM_DATA_IND CANCEL t_WaitMS	car_PhyChReconfCmpl (tsc_CellDedicated, tsc_RB2, cr_108_PhyChannelReconfCmpl (tcv_RRC_Ti))	(P)	
1		+It_ReceiveSMCIntegrityFailureIndication			
2	TSF2	? TIMEOUT t_WaitMS		(F)	
2	TSP2	AM ?RLC_AM_DATA_IND CANCEL t_WaitMS	car_PhyChReconfCmpl (tsc_CellDedicated, tsc_RB2, cr_108_PhyChannelReconfCmpl (tcv_RRC_Ti))	(P)	

New Local Test Step:

It_ReceiveSMCIntegrityFailureIndication					
0		CRLC ? CRLC_Integrity_Failure_IND	car_CRLC_IntegrityFail		
1		AM?RLC_AM_DATA_IND (tcv_CellIndInfo.uL_Integrity := RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.securityModeComplete.ul_IntegProtActivationInfo)	car_RRC_SecModeCmpl (tsc_CellDedicated, tsc_RB2, cbr_108_RRC_SecModeCmpl (? , ?))		Optionally, SS can forward Received Security Mode command Complete in RLC queues, or due to RLC retransmissions
0		AM?RLC_AM_DATA_IND (tcv_CellIndInfo.uL_Integrity := RLC_AM_DATA_IND.aM_message.uL_DCCH_Message.message.securityModeComplete.ul_IntegProtActivationInfo)	car_RRC_SecModeCmpl (tsc_CellDedicated, tsc_RB2, cbr_108_RRC_SecModeCmpl (? , ?))		
1		CRLC ? CRLC_Integrity_Failure_IND	car_CRLC_IntegrityFail		

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** 1329 ⌘ **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 package 2 NAS Test case 9_5_2		
Source:	⌘	3GPP TSG RAN WG5 (Testing)		
Work item code:	⌘	N/A	***Date:*** ⌘	25/02/2005
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: ⌘ As per the conformance requirement of the test case 9.5.2:

"The UE shall be able to correctly set up an MM connection in a Mobile Originating CM connection attempt and send a CM SERVICE REQUEST message with CKSN information element as stored in the USIM and Mobile Identity information element set to the TMSI"

As per the expected sequence at steps #A10, #B10 and #C10, UE may initiate Mobile originating CM connection for MO CS call, MO Supplementary service or MO SMS.

In TTCN implementation of test case 9.5.2 at line#12, RRC Connection Request always expects establishment cause as originatingConversationalCall, which is incorrect.
As the test case will fail a conformant UE in case an MO Supplementary service or MO SMS is initiated by the UE.

As check for establishment cause in RRC connection request is not the test purpose, this can be removed.

Summary of change: ⌘ At line 12 check for RRC Establishment Cause is changed from **"originatingConversationalCall"** to wildcard **"?"**

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

Clauses affected:	⌘	N/A			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	IWD NAS_wk07 ATS is used as reference for TTCN changes.			

How to create CRs using this form:

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

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

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

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

Change 1.

TTCN Reference	tc_9_5_2 Line#12
Reason for change	As per the conformance requirement of the test case 9.5.2: "The UE shall be able to correctly set up an MM connection in a Mobile Originating CM connection attempt and send a CM SERVICE REQUEST message with CKSN information element as stored in the USIM and Mobile Identity information element set to the TMSI" As per the expected sequence at steps #A10, #B10 and #C10, UE may initiate Mobile originating CM connection for MO CS call, MO Supplementary service or MO SMS. In TTCN implementation of test case 9.5.2 at line#12, RRC Connection Request always expects establishment cause as originatingConversationalCall, which is incorrect. As the test case will fail a conformant UE in case an MO Supplementary service or MO SMS is initiated by the UE. As check for establishment cause in RRC connection request is not the test purpose, this can be removed.
Summary of change	At line 12 check for RRC Establishment Cause is changed from **"originatingConversationalCall"** to wildcard **"?"**

Before Change:

11		+ts_UT_InitCM_ServReq			Step 1: MO CM Connection atter
12		+ts_RRC_ConnEst(tsc_CellA, est_MO, originatingConversationalCall)			Steps 2-4: MO Connection Establis
13		Dc?RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cd_CM_ServReqTMSI(?))		Step 5: 1. CM Service Request

After Change:

11		+ts_UT_InitCM_ServReq			Step 1: MO CM Connection atter
12		+ts_RRC_ConnEst(tsc_CellA, est_MO, ?)			Steps 2-4: MO Connection Establis
13		Dc?RRC_DataInd (tcv_Start := RRC_DataInd.start)	car_InitDirectTransfer(tsc_CellDedicated, tsc_RB3, cd_CM_ServReqTMSI(?))		Step 5: 1. CM Service Request

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-3** **CR** **1330** ⌘ **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 RRC P1 TC 8.4.1.1, 8.4.1.3 and P3 TC 8.4.1.29
Source:	⌘	3GPP TSG RAN WG5 (Testing)
Work item code:	⌘	N/A
Date:	⌘	22/02/05
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) In the testcase 8.4.1.1 localtree lt_CheckCPICH_RSCP if the received RSCP value is greater than the expected, localtree won't FAIL the testcase. For e.g. RSCP value expected is in the range of 49 to 61, if UE sends RSCP value as 65, localtree lt_CheckCPICH_RSCP won't FAIL the testcase.

2) In the testcases 8.4.1.3 and 8.4.1.29, lt_CheckCPICH_RSCP if the received RSCP value is greater than the expected, localtree won't FAIL the testcase. In the localtree lt_CheckCPICH_RSCP, RSCP value should be checked for 60dbm instead of 70dbm.

Summary of change: ⌘

1) Change the checks in the testcase 8.4.1.1 localtree lt_CheckCPICH_RSCP.

2) Change the checks in the testcases 8.4.1.1 and 8.4.1.29 localtree lt_CheckCPICH_RSCP. In the localtree lt_CheckCPICH_RSCP constant tsc_Cpich_RSCP_70dBm is replaced by tsc_Cpich_RSCP_60dBm.

Consequences if not approved: ⌘ Test case may pass a non conformant UE.

Clauses affected: ⌘ tc_8_4_1_1, tc_8_4_1_3 and tc_8_4_1_29

	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.

Change 1:

Testcase	tc_8_4_1_1 lt_CheckCPICH_RSCP
Reason for change	In the testcase 8.4.1.1 localtree lt_CheckCPICH_RSCP if the received RSCP value is greater than the expected, localtree won't FAIL the testcase. For e.g. RSCP value expected is 55, if UE sends RSCP value as 65, localtree lt_CheckCPICH_RSCP won't FAIL the testcase.
Summary of change	Change the checks in the testcase 8.4.1.1 localtree lt_CheckCPICH_RSCP.
Source of change	New change

Before :

lt_CheckCPICH_RSCP					
68	TBP3	[((tcv_Checkcpich_RSCP - tsc_Cpich_RSCP_70dBm) >= tsc_cpich_RSCPMin) AND ((tsc_Cpich_RSCP_70dBm - tcv_Checkcpich_RSCP) <= tsc_cpich_RSCPMax)]		(P)	
69	TBF3	[TRUE]		(F)	

After :

lt_CheckCPICH_RSCP					
68	TBP3	[(tsc_Cpich_RSCP_70dBm + tsc_cpich_RSCPMin <= tcv_Checkcpich_RSCP) AND (tcv_Checkcpich_RSCP <= tsc_Cpich_RSCP_70dBm + tsc_cpich_RSCPMax)]		(P)	
69	TBF3	[TRUE]		(F)	

Change 2:

Testcase	tc_8_4_1_3 lt_CheckCPICH_RSCP, tc_8_4_1_29 lt_CheckCPICH_RSCP
Reason for change	In the testcases 8.4.1.3 and 8.4.1.29, lt_CheckCPICH_RSCP if the received RSCP value is greater than the expected, localtree won't FAIL the testcase. In the localtree lt_CheckCPICH_RSCP, RSCP value should be checked for 60dbm instead of 70dbm.
Summary of change	Change the checks in the testcases 8.4.1.1 and 8.4.1.29 localtree lt_CheckCPICH_RSCP. In the localtree lt_CheckCPICH_RSCP constant tsc_Cpich_RSCP_70dBm is replaced by tsc_Cpich_RSCP_60dBm.
Source of change	New change

Before:

lt_CheckCPICH_RSCP					
55	TBP3	[((tcv_Checkcpich_RSCP - tsc_Cpich_RSCP_70dBm) >= tsc_cpich_RSCPMin) AND ((tsc_Cpich_RSCP_70dBm - tcv_Checkcpich_RSCP) <= tsc_cpich_RSCPMax)]		(P)	@sic Thomas T1s040576 sic@
56	TBF3	[TRUE]		(F)	@sic Thomas T1s040576 sic@

After:

lt_CheckCPICH_RSCP					
55	TBP3	[(tsc_Cpich_RSCP_60dBm + tsc_cpich_RSCPMin <= tcv_Checkcpich_RSCP) AND (tcv_Checkcpich_RSCP <= tsc_Cpich_RSCP_60dBm + tsc_cpich_RSCPMax)]		(P)	@sic Thomas T1s040576 sic@
56	TBF3	[TRUE]		(F)	@sic Thomas T1s040576 sic@