3GPP TSG-T (Terminals) Meeting #21 Frankfurt, Germany, 17 - 19 September, 2003

Source:	T1
Title:	CR's to TS 34.123-3 v3.2.1 for approval
Agenda item:	5.1.3
Document for:	Approval

This document contains 7 CRs to TS 34.123-3 v3.2.1. These CRs have been agreed by T1 by e-mail approval and are put forward to TSG T for approval.

CRs related to new TTCN test cases for R99.

Spec	CR	Rev	Rel.	Subject	Cat	Version Current	Version -New	Doc-2nd- Level
34.123-3	149	-	R99	CR to 34.123-3 V321 to introduce test case TC_8_2_2_23	F	3.2.1	3.3.0	T1-031289
34.123-3	156	-	R99	CR to 34.123-3 V321 to introduce test case TC_8_2_6_19	F	3.2.1	3.3.0	T1-031296
34.123-3	157	-	R99	CR to 34.123-3 V321 to introduce test case TC_8_2_2_7	F	3.2.1	3.3.0	T1-031297
34.123-3	158	-	R99	CR to 34.123-3 V321 to introduce test case TC_8_2_2_9	F	3.2.1	3.3.0	T1-031298
34.123-3	159	-	R99	CR to 34.123-3 V321 to introduce test case TC_8_3_1_11	F	3.2.1	3.3.0	T1-031299
34.123-3	160	-	R99	CR to 34.123-3 V321 to introduce test case TC_8_2_6_8	F	3.2.1	3.3.0	T1-031300
34.123-3	161	-	R99	CR to 34.123-3 V321 to introduce test case TC_8_4_1_16	F	3.2.1	3.3.0	T1-031301

	CHANGE R	EQUEST		CR-Form-v7
^អ TS	<mark>34.123-3</mark> CR <mark>031289</mark> ж।	rev <mark>-</mark> ^ж (Current vers	^{ion:} 3.2.1 [#]
For <u>HELP</u> o	n using this form, see bottom of this pa	ge or look at the	pop-up text	over the X symbols.
Proposed chang	ne affects: UICC apps೫ №	ME Radio Acc	cess Networ	k Core Network
Title:	# Addition of RRC test case 8.2.2.23	to RRC ATS V3.	2.1	
Source:	策 <mark>T1</mark>			
Work item code	₩ <mark>N/A</mark>		<i>Date:</i> ೫	15/09/03
Category: Reason for chai	 F Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above cate be found in 3GPP <u>TR 21.900</u>. 	an earlier release) ıre) egories can	2 R96 R97 R98 R99 Rel-4 Rel-5 Rel-6	the following releases: (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5) (Release 6)
	V3.2.1			

Summary of change:	This document lists all changes applied to test case 8.2.2.23 required for approval.
	This CR is a revision of T1-031120 and includes ETSI/MCC160 feedback and R&S conclusions on their comments and corrections made in the ETSI/MCC160 TTCN V330a implementation.
	Test case will not be added to ATS
not approved:	
Clauses affected: %	N/A
Other specs #	Y N X Other core specifications
Other specs अ affected:	X Other core specifications # X Test specifications #
	X O&M Specifications
Other comments: अ	

How to create CRs using this form:

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

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
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3GPP TSG- T1 Meeting #21 Budapest, Hungary, 3rd – 7th November 2003

Title:	Changes to test case 8.2.2.23 required for approval
Source:	Rohde & Schwarz
Agenda Item:	TTCN Issues
Document for:	Approval
Contact:	Thomas Moosburger thomas.moosburger@rsd.rohde-schwarz.com Tel. +49 89 4129 11731

1 Overview

This document lists all the changes needed to correct problems in the TTCN implementation of test case 8.2.2.23 which is part of the RRC test suite. Only essential changes to the TTCN are applied and documented in section 4.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs (see section 6). Execution log files are provided as evidence.

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3 Verification Test Summary

Test Case:	TC_8_2_2_23
Test Group:	RRC/RRC_PhyCh_Reconf/
ATS Version:	iWD-TVB2002-03_D03wk24 + essential modifications
System Simulator used:	Rohde & Schwarz 3G system simulator CRTU-W
UE used:	Nokia 3G UE 6650
Verification Status:	PASS

4 Corrections required for test case 8.2.2.23

4.1 Introduction

This section describes the changes required to make test case 8.2.2.23 run correctly with a 3G UE. All modifications are marked with label "WA#BasicM<number>" for changes to the BasicM TTCN module and with label "WA#RRC<number>" for RRC related changes in the TTCN comments column of the enclosed ATS [1].

The ATS version used as basis was RRC_wk24.mp which is part of the iWD-TVB2002-03_D03wk24 release. This is the most recent ATS provided by MCC160 which contains GCF package 1 and 2 test cases.

The enclosed ATS [1] contains a number of additional changes (see list below) which are already fixed in the V3.21 release and are therefore not documented in this CR:

WA#BasicM4011, WA#BasicM4012, WA#BasicM4017, WA#BasicM4020, WA#RRC3059, WA#RRC3079, WA#RRC3080, WA#RRC3081, WA#RRC4022, WA#RRC4031, WA#RRC3051, WA#RRC3068

For each correction the ETSI/MCC160 feedback and R&S conclusion on the TTCN implementation is documented. These changes were made by MCC160 in their V330a release and the test case passed in regression-tests.

4.2 cr_ActPDP_ContextReqMO (WA#BasicM4014)

Constraint name	cr_ActPDP_ContextReqMO
Reason for change	see Anritsu CR - T1S.030419 Sec. 2.2.5
Summary of change	The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoDCH for constraint definition
Source of change	new change
Label	WA#BasicM4014
ETSI comment	Accepted Shall be changed also in cr_ActPDP_ContextReqMO_Any, if possible.
R&S conclusion	Accepted

		PDU Constr	aint Decl	aration		
Correla and Marriet	or APPOP Certeithe	MOD_Research Books Sociolasee Mode				
Group						
PDO Name:	activate/pecontextreguestu					
Derivation Parts						
Encoding Fade Name						
Encoding Votations						
Comments:	Activide PDP Contact Program					
	U8 - P R					
	30PF 24 000, 8.5.5 WW#Ealch4014					
	and an other states and the states of the	A resident of the second se		CT 100791700 70		
1. 100	Ad Mareno	Elenserd Value	Type_	Connects		
1		Ct_T_Are	and Value			
aM_ProtocolClasses	reator	tet_SMPD				
magType		10100000110				
tequested://LAPI		IT_NDAPLY				
requested LC_SAP		IT_LLC_BAPLY		This has to be set to Not Assigned by UE in UNITS domain.		
En/Opetheupet		p_Requested0e6		The AT convenient interface will be used to set the GoG to this value.		
		ct_PidDataPtoteAddrWO_it (ps_PDP_IP_Addrive	1D			
pDP_Address		(CH)				
pDP_Addmin			¥7	The OODN logical name or the urbannal packat data redwork logical name		

4.3 cr_ActPDP_ContextReqFACH_MO (WA#RRC3050)

Constraint name Reason for change Summary of change	cr_ActPDP_ContextReqFACH_MO Anritsu CR - T1S.030427 Sec. 2.2.4 The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoFACH for constraint definition
Source of change Label	new change WA#RRC3050
ETSI comment	Agreed in principle This change is not applicable in principle for this test case, since cell_DCH is choosen as in preamble ts_RRC_InitVariables (cell_DCH). But to be inline with same structure used for DCH (cr_ActPDP_ContextReqMO), ETSI agrees in principle this shall be changed also in cr_ActPDP_ContextReqRspMO, if possible. In the latter, also other params should be checked, not simply be set to '*'.
R&S conclusion	Accepted

		PDU Constru	aint De-	aration
Constraint Normer	CE_ARPOP_Cardodhi	M_bimedOdescelocol GuardoDenie_M	2	
Group: POCI Name: Derivation Path	ACTIVATEPDPCONTE	UTREGUESTIA		
Encoding Pule Nanot Encoding Variation Conneerts	Activato PDP Cantot I us -> n 30PP 24 000, 0.5.1 powerstic 3050			
C Refe	(Name	Element Value	Тури	Constants
		ar_TLANY	10	
M_ProtocolDistrement	witor .	THE_EMPO		
nsg7ge		0188866118		
#######dh#SAP1		ir_NSAPLy		
		IV_LLC_SAPLY		This has to be set to Nat Assigned by UE in UNITS domain.
#Garrinol.LC_SAPI		at the other of the test		
		#_RequestedQog		The AT command interface will be used to set the Qoli to this value.
Rocketteduce				
egaestedLLC_SAFt egaestedGoG IDP_Address IDP_Address		a_RequestedQo9 or_P4DataProtoAdateM0_tv (px_PDP_IP_Addstress		

4.4 ts_RRC_SendRB_SetUpFACH_PS (WA#RRC3055)

Test step name	ts_RRC_SendRB_SetUpFACH_PS
Reason for change	In test step ts_RRC_SendRB_SetUpFACH_PS a delay is set to 300 ms before the RAB Setup Complete is expected. However, the RAB Setup Complete is received in less than 250 ms.
Summary of change	Remove ts_RRC_Delay
Source of change	new change
Label	WA#RRC3055

ETSI commentAccepted and will be done for v330.R&S conclusionOK

		Test 6	itep			
Test Stop Group Hoft Objective:	Its_RPC_SendHB_Soft_AFACH_PExp_Callst INTEGER; p_RHB_as_BTSTRING, p_ArtTime_ActivationTime } BasisM_RHBC_StoppHHC_RHB_Stopp To actual a HADIO BEARER visit_ACH_PE and to reconfigure the SS accordingly RHC_Dent Basi TB 34.108 il: 6 18.2.4.3.2.1.2.for severien and 6.10.2.4.4.1.1.1 for using No channel reconfiguration to seaded, Sections the complete configuration to using in to_SD_CreateCallFACH.					
TN.	Lawer	Behaviour Description	Constraint Rot	Vordiet	Comments	
2		+ %_BeffrepCedinto (g_Cedia) Am fireAM_DATA_REO	Tais_PHD_SatUaAM (tits_CoelDedicated, titr_PHD2, (bo_108_PBE_bools#ACH_PG) (bo_CoelDedicated_UniversityCheckd mbs, to_RRC_TL to_TrepCallinto.heptercolett, to_TrepCallinto.heptercolett, to_TrepCallinto.petterreCoele, to_TrepCallinto.cRivII %			
3	TOP	Is_RRC_ReserveRB_SelupCmpHtp_Ce Ist_cel_FACH_PS1	84 - C			

4.5 ts_CRLC_UL_CipherCfg_RAB (WA#RRC3073)

Test step name	ts_CRLC_UL_CipherCfg_RAB
Reason for change	see Anritsu CR T1S.030409, 2.2.12, the ciphering activation request and confirm steps are only needed when ciphering is enabled
Summary of change	see CR
Source of change	see CR
Label	WA#RRC3073
ETSI comment	Rejected. This change have been rised several times and it was always clarified, that the value of RB_ActivationTimeInfoList is needed for a SS to calculate the value independent of ciphering activated or not.
R&S conclusion	Accepted.

liest Stop Group Hof: Organitive: Defaults:	Test step Is_CRUC_LA_CosterCh_RMB (E_CH_Domain: Ch_Domaindentity, p_R6_ActivationTimontoList: R8_ActivationTimontoList: 1 Of BasinM_Steamity_StepDi Contains contering for RLC lawer 88_Dof CRLC is eartifyued with collist: 1 (tox_CastDedicater), WMR9RC3073						
and the	Label	Behaviour Description	Constraint Ref	Vendict	Comments		
		ps_careningOnOf) cMLcrcHLc_Cenning_NIDvals_REG	(a_CRLC_UL_Clymark/Prog (Six_ CaliDedicated, p_CN_Domain, p _R5_ActivationTransitioLat)		ranfigare conteners for signaling radio bearers		
		CREC 1 CREC_Cenerog_Advale_CNP	ck_CRLC_CipherActOnfter_CellD edicated)				
K		[NOT(pc_CimeregOnOT)]					

4.6 ts_SS_ReconfRLC_PollingInfo (WA#RRC4040)

Test step name	ts_SS_ReconfRLC_PollingInfo
Reason for change	The test step ts_SS_ReconfRLC_PollingInfo is generic for PS and CS. But the test step reconfigures RB 20. When running test cases in CS branch the tester complains about RB 20, which is not configurecd.
Summary of change	Added the following condition in ts_SS_ReconfRLC_PollingInfo in Line 8 [tcv_CN_Domain = ps_domain] to cater for RB20 in Line 11 added [TRUE] the alternatives.
Source of change	new change
Label	WA#RRC4040
ETSI comment	Accepted
R&S conclusion	ОК

		Tes	t Step		
Text Shep Group Part: PT Objective: To Defaults: 80	CM_SB_Shpat	glads (p_Cellal_INTEGER; p_UL_AM_RLC_ 33 and GRB4 regarding the uniting information			
	Label	Selection Description	Constraint Her	Verdict	Comments
1		+ th_BeffmaCelints (p_Celits) CHLC (CHLC_Centity_HEG	CALPB_AM_Reconfinited8_DL (1s c_CellDetricated, 5c_RB2, Uulog KatChaneetkientty tsc_UL_DCC H2, dLoginatChannelisentty tsc_ DL_DCCH2, 128; s_UL_AM_RL C_Meth)		cofigure radio bearers (652 (AM + DCCH) and (AM + D CCH)
2		CRLC 7 CRLC_Config_CNF	ca_CRLC_CfpCrf (tst_CwlDwd) cated, tst_RD2)		
4		CRUCIORLC_Config.RED	ca_RB_AM_RecontintoSB_DL_th c_CeliDetikiateri, tsic_RB2, (ia3e gilaiChannelklesttp-tsc_UL_DC CH3, dLlogicalChannelklentty-tsi _DL_DCCH31,128, ii_UL_AM_RL C_Matico		colligue radio basers R63 (MI + DCCH) and (MI + D CCH)
5		CRLC 9 CRLC_Config_CNF	ca_CMLC_CryCrit(tat_CellDed) cates, bit_RB3)		
6		CRLCI CRLC_Cortig_RED	ca_RR_AM_RecontinioSG_DL_th c_CellDedicated, toc_RBA_table gloalChannelidently toc_UL_DC CH4_dLingtealChannelidently tor _DL_DCCH4[,128, a_UL_AM_RL C_Nadeo		coligure radio bearers : REM(MM + DCCH) and (MM + D CCH)
7		CRLC ? CRLC_Cards_CNF	ca_CRLC_CfpCrf (tsc_Cel/Ded) cated, toc_R840		
8		[los_ON_Domain=ps_domain]			WARRING 4040
6		CRLCICRLC_Config.REG	ca_RB_AM_RecontinitoSS_DL_th c_Cel/Dedicated, tor_RB20, (aL) ogicalChannelidehthy tor_UL_DT CH1_dL/ogicalChanvelidenbhytor _DL_DTCH11_320, p_UL_AM_RL C_Mase 1		coligure radio bearers RE20 (AM + DTCH)
10		CRLC ? CRLC_Contg_CNF	ca_CRLC_CfgCW(tsc_CellDed) cale#, tsc_HB20)		
11		្រកបត្			WARREC 4040

4.7 Test body (WA#RRC4054)

Test step name	Test body
Reason for change	The test case receives the RB Reconf Complete before the Delay timer times out. The test case is to reconfigure from Cell_FACH to PCH, there fore the ReconfDCH_TOFACH is not required.
Summary of change	Removed the following in tc_8_2_2_23 line 12. +ts_RRC_Delay (tsc_WaitBeforeFACH_Conf. Removed the following in line 15 tc_8_2_2_23. Ts_ss_ReconfDCH_ToFACH (tsc_CellA)
Source of change	new change
Label	WA#RRC4054
ETSI comment	Accepted, ts_RRC_Delay and ts_ss_ReconfDCH_ToFACH shall be removed.
R&S conclusion	ОК

		Test C	ase				
Test Case lit Test Group Reference: Parpose: Configuration: Defaultic Comments	IN_F_2_2_23 RELEARNING_REL_Neconfigi To confirm that the UE transmits a RADIO BEARER RECONFIGURATION COMPLETE message and enters CELL_PCH state after theorems a RADIO BEARER REC ONFIGURATION message, which invokes the UE to transit CELL_FACH to CELL_PCH, from 98 RRC_Dart1 WartPRC 4054.						
but	Label	Detrement Description	Construent Ref	Vertict	Campranta		
0 1 2 3 4 5 1 1 1 1 1 2 3 3 1	ERR1 ERR2 TB8	START L_Ouard gx_RAT=tstg +ts_RRC_isStratuitorPS(cod_FACH) +pr_GotaBlate5_11_MO (txc_CollA) +tc_LocaTest +tc_LocaTest po_CorrectionAndE5_fters (sx_RAT=tstd) (TMUE) dix_TextBlatesTRUE) (txc_CollAdds_ERX_Const_andth_UTRAN_DRX_CodeLe		1	FDD specific behaviour Preamble To exploitant the PDP Context Posterible, To release the RMC connection an d withe SS configuration TDD specific behaviour		
2		ngfi = 3) AN IRLC_AM_DATA_REG	can, RS, Reconfigure(to:_CellOrebaskd, to:_RB2, cds_RS,ReconfDCH_T0FACH_F CH_RLC_States501ms_RST800 (to:_Cellindintu.di_IntegateChec Korts, to:_RRC_Ti, to:_CellintaA.tegateChet, to:_CellintaA.tegate		alep 1 inginne;		
3 4 6	THE	+ ts_SS_ReconfRLC_Polingintb (tsc_CellA.c_UL_AM _RLC_Rys501Pol250) + ts_RMC_RecondRS_Reconf.pCmpt (tsc_CellA, tsc_ RMC_RAS_Type) + ts_RLC_ChecktoSbtusPDU_BRC (tsc_CellA, 54 65) + ts_C4_CheckColPCH (tsc_CellA.) dox_TeclBodysFALSE)			skep 3 (and afterwards skep 3 occurs inside the UED step 3 m processes 88 strecks, that FLC STATUS P DU's are not received sNp 4		

5 Branches executed in test case 8.2.2.23

The test case was executed in PS mode with Integrity activated and Ciphering disabled.

6 Execution Log Files

6.1 Nokia 3G UE 6650

The Nokia 3G UE 6650 passed this test case on the Rohde & Schwarz 3G System Simulator CRTU-W. The documentation below is enclosed as evidence of the successful test case run [1]:

- Execution log files 8_2_2_23-Logs\PS\Index.html Execution log files in HTML format showing the dynamic behaviour of the test in a tabular view and in message sequence chart (MSC) view. All message contents are fully decoded and listed in hexadecimal format. Preliminary verdicts and the final test case verdict are listed in the log file.
- **PICS/PIXIT file 8_2_23-PS-pics-pixit.txt** Text file containing all PICS/PIXIT parameters used for PS testing.

7 References

[1] T1-031121

This archive comprises HTML Execution log files, PICS/PIXIT files and the TTCN MP file

		CHANGE F		IECT			CR-Form-v7
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For <u>MELP</u>	on using this form, se	e bottom of this pa	age or i	ook at the	pop-up text	over the # syl	ndois.
Proposed cha	nge affects: UICC	apps೫	ME	Radio Ac	cess Networ	k Core Ne	etwork
Title:	# Addition of RRC	test sees 0.2.0.10			0.4		
Title:		test case 8.2.6.19	9 to RR	S ATS V3.	.2.1		
Source:	¥ <mark>T1</mark>						
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	F (correction) nds to a correction ir	n an oarl	iar ralaasa)		(GSM Phase 2) (Release 1996)	
	B (addition of		i un cun			(Release 1997)	
<i>C</i> (functional modification of feature)			-	(Release 1998)			
	D (editorial n	nodification)	,			(Release 1999)	
	Detailed explanati	ons of the above ca	tegories	can	Rel-4	(Release 4)	
	be found in 3GPP	<u>TR 21.900</u> .				(Release 5)	
					Rel-6	(Release 6)	
			0.000	1 1	0.0.0.10.1		
Reason for cl	ange: [#] To add veri	ned GCF package	e 2 RRC	test case	8.2.6.19 to	the approved I	RCAIS
	V3.2.1						

Summary of change: # This document lists all changes applied to test case 8.2.6.19 required for approval.					
This CR is a revision of T1-031118 and includes ETSI/MCC160 feedback and R&S conclusions on their comments and corrections made in the ETSI/MCC160 TTCN V330a implementation.					
	Test case will not be added to ATS				
not approved:					
Clauses affected: #	N/A				
Other specs ж affected:	Y N X Other core specifications % X Test specifications % X O&M Specifications				

How to create CRs using this form:

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Other comments:

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3GPP TSG- T1 Meeting #21 Budapest, Hungary, 3rd – 7th November 2003

Title:	Changes to test case 8.2.6.19 required for approval
Source:	Rohde & Schwarz
Agenda Item:	TTCN Issues
Document for:	Approval
Contact:	Thomas Moosburger thomas.moosburger@rsd.rohde-schwarz.com Tel. +49 89 4129 11731

1 Overview

This document lists all the changes needed to correct problems in the TTCN implementation of test case 8.2.6.19 which is part of the RRC test suite. Only essential changes to the TTCN are applied and documented in section 4.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs (see section 6). Execution log files are provided as evidence.

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3 Verification Test Summary

Test Case:	TC_8_2_6_19
Test Group:	RRC/RRC_PhyCh_Reconf/
ATS Version:	iWD-TVB2002-03_D03wk24 + essential modifications
System Simulator used:	Rohde & Schwarz 3G system simulator CRTU-W
UE used:	Nokia 3G UE 6650
Verification Status:	PASS

4 Corrections required for test case 8.2.6.19

4.1 Introduction

This section describes the changes required to make test case 8.2.6.19 run correctly with a 3G UE. All modifications are marked with label "WA#BasicM<number>" for changes to the BasicM TTCN module and with label "WA#RRC<number>" for RRC related changes in the TTCN comments column of the enclosed ATS [1].

The ATS version used as basis was RRC_wk24.mp which is part of the iWD-TVB2002-03_D03wk24 release. This is the most recent ATS provided by MCC160 which contains GCF package 1 and 2 test cases.

The enclosed ATS [1] contains a number of additional changes (see list below) which are already fixed in the V3.21 release and are therefore not documented in this CR:

WA#BasicM4011, WA#BasicM4012, WA#BasicM4017, WA#BasicM4020, WA#RRC3059, WA#RRC3079, WA#RRC3080, WA#RRC3081, WA#RRC3087, WA#RRC4022, WA#RRC4031, WA#RRC4041, WA#RRC4055, WA#RRC3051, WA#RRC3068

For each correction the ETSI/MCC160 feedback and R&S conclusion on the TTCN implementation is documented. These changes were made by MCC160 in their V330a release and the test case passed in regression-tests.

4.2 cr_ActPDP_ContextReqMO (WA#BasicM4014)

Constraint name	cr_ActPDP_ContextReqMO
Reason for change	see Anritsu CR - T1S.030419 Sec. 2.2.5
Summary of change	The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoDCH for constraint definition
Source of change	new change
Label	WA#BasicM4014
ETSI comment	Accepted Shall be changed also in cr_ActPDP_ContextReqMO_Any, if possible.
R&S conclusion	Accepted

		PDU Constr	aint Decl	aration		
Correla and Marriet	or APPOP Certeithe	MOD_Research Cooksected Cooksected A				
Group:						
PDO Name:	ACTIVATEPD/PCONTE	activite/DFCONTEXTREGUESTU				
Derivation Parts						
Encoding Fade Name	e					
Encoding Votations						
Comments:	Activate PDP Context P	wawit				
	98 - P.B.					
	30PF 24 000, 8.5.5 WW#Ealch4014					
	and an other states and the states of the	A resident of the second se		CT 100791700 70		
1. 100	Ad Mareno	Elenserd Value	Type_	Connects		
1		Ct_T_Are	and Value			
aM_ProtocolClasses	reator	tet_SMPD				
magType		10100000110				
tequested://LAPI		IT_NDAPLY				
requested LC_SAP		IT_LLC_BAPLY		This has to be set to Not Assigned by UE in UNITS domain.		
En/Opetheupet		p_Requested0e6		The AT convenient interface will be used to set the GoG to this value.		
		ct_PidDataPtoteAddrWO_it (ps_PDP_IP_Addrive	1D			
pDP_Address		(CH)				
pDP_Addmin			¥7	The OODN logical name or the urbannal packat data redwork logical name		

4.3 cr_ActPDP_ContextReqFACH_MO (WA#RRC3050)

Constraint name Reason for change Summary of change	cr_ActPDP_ContextReqFACH_MO Anritsu CR - T1S.030427 Sec. 2.2.4 The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoFACH for constraint definition
Source of change Label	new change WA#RRC3050
ETSI comment	Agreed in principle This change is not applicable in principle for this test case, since cell_DCH is choosen as in preamble ts_RRC_InitVariables (cell_DCH). But to be inline with same structure used for DCH (cr_ActPDP_ContextReqMO), ETSI agrees in principle this shall be changed also in cr_ActPDP_ContextReqRspMO, if possible. In the latter, also other params should be checked, not simply be set to '*'.
R&S conclusion	Accepted

		PDU Constru	aint De-	aration		
Constraint Normer	CE_ARPOP_Cardodhi	M_bimedOdescelocol GuardoDenie_M	2			
Group: POCI Name: Derivation Path	ACTIVATEPDPCONTEXTRESIJESTM					
Encoding Sule Nario Escoding Variation Concents	Activato PDP Cantot I us -> n 30PP 24 000, 0.5.1 powerstic 3050					
C Refe	(Name	Element Value	Тури	Constants		
		ar_TLANY	10			
M_ProtocolDistrement	witor .	THE_EMPO				
nsg7ge		0188866118				
#######dh#SAP1		ir_NSAPLy				
		IV_LLC_SAPLY		This has to be set to Nat Assigned by UE in UNITS domain.		
#Garrinol.LC_SAPI		at the other of the test				
		#_RequestedQog		The AT command interface will be used to set the Qoli to this value.		
Rocketteduce						
egaestedLLC_SAFt egaestedGoG IDP_Address IDP_Address		a_RequestedQo9 or_P4DataProtoAdateM0_tv (px_PDP_IP_Addstress				

4.4 ts_RRC_SendRB_SetUpFACH_PS (WA#RRC3055)

Test step name	ts_RRC_SendRB_SetUpFACH_PS
Reason for change	In test step ts_RRC_SendRB_SetUpFACH_PS a delay is set to 300 ms before the RAB Setup Complete is expected. However, the RAB Setup Complete is received in less than 250 ms.
Summary of change	Remove ts_RRC_Delay
Source of change	new change
Label	WA#RRC3055

ETSI comment Accepted and will be done for v330.

		Test	itep		
Test Stop Group Hof: Organitive: Dofasitiol Comments:	Basking PRC_StoppinRC_# To astap a HADIO BEARER / RRC_Deft See TS 34.108 // 6.18 2.4 3	24_PBCs_CarBit PHTEOERC p_Heb_ail _BTSTHeek WB_Stecor INT_FACH_PS and to reconfigure the SS according 21.2 for adverting and 6.10.2.4.4.1.1 for uprime insected, because the complete configuration is a	•		
TW.	Land	Behaviour Description	Constraint Ref	Vordet	Comments
2		+ N_BETTYPECEEHN (# CERE) AMINEC_AM_DATA_REO	Test_PEE_SetUpAM (test_DelCedinaled, test_DelCedinaled, test_DED, test_DelCedinaled, test_DelCedinaled, testpertyCheckl ref, sot_REC_TL, sot_TestCelEntlo.Regressoriett, st_RAB_14, text_TestCoelEntlo.petDerecCede, text_TestpCoelEntlo.petDerecCede, t		
3	TOP	+Is_RRC_ReceiveRB_SelupCoop((p_Ce INd_cell_FACH_PS)	5-0-		

4.5 ts_CRLC_UL_CipherCfg_RAB (WA#RRC3073)

Reason for change	see Anritsu CR T1S.030409, 2.2.12, the ciphering activation request and
C C	confirm steps are only needed when ciphering is enabled
Summary of change	see CR
Source of change	see CR
Label	WA#RRC3073
ETSI comment	Rejected. This change have been rised several times and it was always clarified, that the value of RB_ActivationTimeInfoList is needed for a SS to calculate the value independent of ciphering activated or not.
R&S conclusion	Accepted.
	Tast Blass

Test Stop Group Hot Objective:	BasikM_Security_ Contigues options 85_Def		Test step 0_P8_AdhationTimeIntOUst_R8_AdhationT		
ind .	Label	Exhaviour Description	Constraint Ref	Vendict	Constients
E.		(w_citreringOnOf) chlorchlo_citrering_nitwaigHea	(a_CRLC_UL_Climaw/Prog(Six_ CaliDedicated, p_CN_Domain, p _R5_AdmittorTrainticLat)		готброго сценатор Тог Сулавну гало Ваататс
		CRLC 7 CRLC_Ciphening_Advalu_CNP	ck_CRLC_CipherActOnftsr_CellD edicated)		
([NOT(pc_Cumerag0x07)]			

5 Branches executed in test case 8.2.6.19

The test case was executed in PS mode with Integrity activated and Ciphering disabled.

6 Execution Log Files

6.1 Nokia 3G UE 6650

The Nokia 3G UE 6650 passed this test case on the Rohde & Schwarz 3G System Simulator CRTU-W. The documentation below is enclosed as evidence of the successful test case run [1]:

- Execution log files 8_2_6_19-Logs\PS\Index.html Execution log files in HTML format showing the dynamic behaviour of the test in a tabular view and in message sequence chart (MSC) view. All message contents are fully decoded and listed in hexadecimal format. Preliminary verdicts and the final test case verdict are listed in the log file.
- **PICS/PIXIT file 8_2_6_19-PS-pics-pixit.txt** Text file containing all PICS/PIXIT parameters used for PS testing.

7 References

[1] T1-031119

This archive comprises HTML Execution log files, PICS/PIXIT files and the TTCN MP file

		CHANGE	E REQ	UEST			CR-Form-v7
ж <mark>т</mark>	<mark>5 34.123-3</mark>	CR 031297	ж rev	- ¥	Current vers	^{ion:} 3.2.1	ж
For <u>HELP</u> o	on using this fo	rm, see bottom of th	is page or	look at th	e pop-up text	over the X sy	mbols.
Proposed chan	ge affects:	UICC apps#	ME	Radio A	ccess Networ	k Core Ne	etwork
Title:	発 Addition o	f RRC test case 8.2.	2.7 to RR	CATS V3.	.2.1		
Source:	<mark>೫ T1</mark>						
Work item code	e:				<i>Date:</i> ೫	15/09/03	
Category:	F (con A (con B (ad) C (fur D (ed) Detailed ex	the following categorie rection) rresponds to a correction dition of feature), actional modification of itorial modification) planations of the above 3GPP <u>TR 21.900</u> .	on in an ea feature)		2	R99 the following rela (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5) (Release 6)	
Reason for cha	<i>nge:</i> 策 <mark>Το ac</mark> V3.2.	ld verified GCF pack 1	age 2 RR	C test cas	e 8.2.2.7 to th	ne approved R	RC ATS

Summary of change:	f This document lists all changes applied to test case 8.2.2.7 required for approval.
	This CR is a revision of T1-031002 and includes ETSI/MCC160 feedback and R&S conclusions on their comments and corrections made in the ETSI/MCC160 TTCN V330a implementation.
Consequences if a solution of approved:	€ Test case will not be added to ATS
01	

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 <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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 TSG- T1 Meeting #21 Budapest, Hungary, 3rd – 7th November 2003

Title:	Changes to test case 8.2.2.7 required for approval		
Source:	Rohde & Schwarz		
Agenda Item:	TTCN Issues		
Document for:	Approval		
Contact:	Thomas Moosburger thomas.moosburger@rsd.rohde-schwarz.com Tel. +49 89 4129 11731		

1 Overview

This document lists all the changes needed to correct problems in the TTCN implementation of test case 8.2.2.7 which is part of the RRC test suite. Only essential changes to the TTCN are applied and documented in section 4.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs (see section 6). Execution log files are provided as evidence.

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3 Verification Test Summary

Test Case:	TC_8_2_2_7
Test Group:	RRC/RRC_RB_Reconfig/
ATS Version:	iWD-TVB2002-03_D03wk24 + essential modifications
System Simulator used:	Rohde & Schwarz 3G system simulator CRTU-W
UE used:	Nokia 3G UE 6650
Verification Status:	PASS

4 Corrections required for test case 8.2.2.7

4.1 Introduction

This section describes the changes required to make test case 8.2.2.7 run correctly with a 3G UE. All modifications are marked with label "WA#BasicM<number>" for changes to the BasicM TTCN module and with label "WA#RRC<number>" for RRC related changes in the TTCN comments column of the enclosed ATS [1].

The ATS version used as basis was RRC_wk24.mp which is part of the iWD-TVB2002-03_D03wk24 release. This is the most recent ATS provided by MCC160 which contains GCF package 1 and 2 test cases.

The enclosed ATS [1] contains a number of additional changes (see list below) which are already fixed in the V3.21 release and are therefore not documented in this CR:

WA#BasicM4011, WA#BasicM4012, WA#BasicM4017, WA#BasicM4020, WA#RRC3059, WA#RRC3079, WA#RRC3080, WA#RRC3081, WA#RRC4022, WA#RRC4031, WA#RRC3051, WA#RRC3068

For each correction the ETSI/MCC160 feedback and R&S conclusion on the TTCN implementation is documented. These changes were made by MCC160 in their V330a release and the test case passed in regression-tests.

4.2 cr_ActPDP_ContextReqMO (WA#BasicM4014)

Constraint name	cr_ActPDP_ContextReqMO
Reason for change	see Anritsu CR - T1S.030419 Sec. 2.2.5
Summary of change	The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoDCH for constraint definition
Source of change	new change
Label	WA#BasicM4014
ETSI comment	Accepted Shall be changed also in cr_ActPDP_ContextReqMO_Any, if possible.
R&S conclusion	Accepted

		PDU Constr	aint Decl	aration			
Correla and Marriet	or ArtPOP CentedReaMop RegestedGot GastleOfferers M						
Group:							
PDO Name:	ACTIVATEPD/PCONTE	ACTIVATE/DPCONTEXTREQUEST/J					
Derivation Parts							
Encoding Fade Name	e						
Encoding Votations							
Comments:	Activate PDP Context P	wrawinit .					
	U8 - P R						
	30PF 24 000, 8.5.5 WW#Ealch4014						
	and an other states and the states of the	A resident of the second se		CT 100791700 70			
Field Marin		Elenard Value	Type_	Connects			
1		Ct_T_Are	and Value				
aM_ProducedClassemenator		tet_SMPD					
magType		10100000110					
tequested://LAPI		IT_NDAPLY					
tequested.LC_SAV		IT_LLC_BAPLY		This has to be set to Not Assigned by UE in UNITS domain.			
requestedQcS		p_RequestedQe6		The AT convinant interface will be used to set the GoS to him value.			
pDP_Addwire		ct_PidDataPtoteAddrWO_it (ps_PDP_IP_Addrive	1D				
Statistics of the		(CH)					
pDP_Addmin			¥7	The OODN logical name or the urbannal packat data redwork logical name			

4.3 cr_ActPDP_ContextReqFACH_MO (WA#RRC3050)

Constraint name Reason for change Summary of change	cr_ActPDP_ContextReqFACH_MO Anritsu CR - T1S.030427 Sec. 2.2.4 The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoFACH for constraint definition
Source of change Label	new change WA#RRC3050
ETSI comment	Agreed in principle This change is not applicable in principle for this test case, since cell_DCH is choosen as in preamble ts_RRC_InitVariables (cell_DCH). But to be inline with same structure used for DCH (cr_ActPDP_ContextReqMO), ETSI agrees in principle this shall be changed also in cr_ActPDP_ContextReqRspMO, if possible. In the latter, also other params should be checked, not simply be set to '*'.
R&S conclusion	Accepted

		PDU Constru	aint De-	aration
Constraint Nomer or ArtPOP_CeleterthesPACH_MOID_ResearchedCod_GuathOffenine_M				
Group: POCI Name: Derivation Path	ACTIVATEPDPCONTE	UTREGUESTIA		
Encoding Rule Nam Encoding Voriation Connects	Activato PDP Cantot I us -> n 30PP 24 000, 0.5.1 powerstic 3050			
Field Harse		Element Value	Тури	Constants
		ar_TLANY	10	
M_ProtocolDistrement	witor .	THE_EMPO		
nsg7ge		0188866118		
HeaventhichdSAP1		ir_NSAPLy		
requested, LC_SAPI		IV_LLC_SAPLY		This has to be set to Nat Assigned by UE in UNITS domain.
#Garrinol.LC_SAPI		at the other of the second sec		
		#_RequestedQog		The AT command interface will be used to set the Qoli to this value.
Rocketteduce				
egaestedLLC_SAFt egaestedGoG (DP_Address scroos/PFierre		a_RequestedQo9 or_P4DataProtoAdateM0_tv (px_PDP_IP_Addstress		

4.4 ts_RRC_SendRB_SetUpFACH_PS (WA#RRC3055)

Test step name	ts_RRC_SendRB_SetUpFACH_PS
Reason for change	In test step ts_RRC_SendRB_SetUpFACH_PS a delay is set to 300 ms before the RAB Setup Complete is expected. However, the RAB Setup Complete is received in less than 250 ms.
Summary of change	Remove ts_RRC_Delay
Source of change	new change
Label	WA#RRC3055

ETSI comment Accepted and will be done for v330.

		Test i	itep		
East Stopping fs_RPRC_Securitie_SetAuFACH_PS(p_Calls)_INTEGER(p_FAB_ue_BTSTRRAD, p_ArtTime_ActivationTime_) East Stopp Group Fact Base M_RRC_Stopping Fact_RAB_Stopping To sature activation of RADIO BEARER witt_FACH_PS and to reconfigure the SS accordingly. Operating Operating FRC_Durition See TS 34.103 if 6 18.2.4.3.2.1.2101 developmend 61.0.2.4.4.1.1.1 for worket. Recenters See TS 34.103 if 6 18.2.4.3.2.1.2101 developmend 61.0.2.4.4.1.1.1 for worket. Not channel to configuration to see the complete configuration in setup in to_SD_Create/CalFACH.					
NV.	Land	Bohaviour Description	Constraint Ref	Vordiet	Comments
1		+ %_BeffreeCederb (g_Cedes) AM FREC_AM_DATA_REO	Tais_PHD_SatUaAM (tits_CoelDedicated, titr_PHD2, (bo_108_PBE_bools#ACH_PG) (bo_CoelDedicated_UniversityCheckd mbs, to_RRC_TL to_TrepCallinto.heptercolett, to_TrepCallinto.heptercolett, to_TrepCallinto.petterreCoele, to_TrepCallinto.cRivII %		
3	TOP	+ Is_RRC_NetworkB_SelupConpl1p_Ce IN1_cel_FACH_PS1			

4.5 ts_CRLC_UL_CipherCfg_RAB (WA#RRC3073)

Test step name Reason for change	ts_CRLC_UL_CipherCfg_RAB see Anritsu CR T1S.030409, 2.2.12, the ciphering activation request and confirm steps are only needed when ciphering is enabled
Summary of change	see CR
Source of change	see CR
Label	WA#RRC3073
ETSI comment	Rejected. This change have been rised several times and it was always clarified, that the value of RB_ActivationTimeInfoList is needed for a SS to calculate the value independent of ciphering activated or not.
R&S conclusion	Accepted.

liest Stop Group Hof: Originative: Defaults:	BaseM_Security_ Configure options 85_Def		Test step 1_PE_ActivationTimestoCust_RB_ActivationT		
-	Label	Rehaviour Description	Constraint Ref	Verdict	Comments
1		(M_CREATEDONOF) CRECTCREC_CRANNIN_ALIWAR_REG	(a_CRLC_UL_Clymark/Prog (tex_ CaliDedicated, p_CN_Domain, p _R5_ActivationTranstation)		r antigana capitameng Yan signadeng radio baarans
		CPLC ? CRLC_Ciphening_Advabe_CNP	ck_CRLC_CipherActOnftsr_CellD edicated)		
lí		[NOT(pc_Camerag0x07)]			

4.6 cbs_108_RB_Reconfig64k_PS (WA#RRC3102)

Constraint name	cbs_108_RB_Reconfig64k_PS
Reason for change	RAB_Reconfig is used with SecScramCode = 2 but not localy changed
Summary of change	Changed SecScramCode in Constraint cbs_108_RB_Reconfig64K_PS (tsc_DL_DPCH_SrcC_2 -> tsc_DL_DPCH1_2nd_SrcC)
Source of change	new change
Label	WA#RRC3102
ETSI comment	This change is not needed, because it was corrected differently as in Anritsu CR pls refer to our answer to document T1-030902. (already changed in delivery wk_30) (it was agreed to use 2 nd ScrCode=2 for all successful 8.2.2. test cases.
R&S conclusion	Accepted

However, the ETSI did not make this change in V330, therefore test case fails in regression tests. This issue needs to be fixed in their phase 2 implementation.

	ASN.1 PDU Constraint Declaration	
anstraint Names	rbs_108_RB_Recintg64k_PS (
	p_integrited_inc_instantegree_rel_1 p_integrited_integree_rel_1 p_RRPC_TI_RRC_Transactionidentifie; p_Restination ActivationTime; p_Petitive_Presentorint; p_PrimaryScramblingCode PrimaryScramblingCode; p_UL_ScramblingCode UL_ScramblingCode	
irongs .		
OU Name: Aertvalian Palls	Dr"DooH"weeeste	
ncoting Rate Name:		
receding Variations		
Constanting:	Oetredin 19 34 123-1 atnex A randition A 3, WAARROOTS2	
	Constraint Value	
rb_informationAffee uCommonThanis udeletesThanisTu udeletesThanisTu root_BeetInChan root_BeetInChan dCommonThanis dCommonThanis dCommonThanis d_CommonThanis d_AddReconThanisT d_AddReconThanisT maxNowedUL_Th u_ChannetThanis d_POSCH_Inform t_ d_CommonThanisT d_CommonThanisT d_CommonThanisT d_CommonThanisT d_CommonThanisT d_InformationPerF 1 v?TachionCriticaEster	odervis CMT, CMT, CMT, origican' CMT, origican' CMT, origical CMT, indicating CMT, indicating CMT, indicating CMT, indicating CMT, indicating CMT, indicating CMT, indicating CMT, indicating CMT, indicating CMT, Chindric JL, Commanificana Chindric ListDCH, PS_64k, Chindric JL, Commanificana Chindric CHIPS_64k, Chindric JL, Commanificana Chindric CHIPS_64k, Chindric JL, Commanificana Chindric CHIPS_64k, indication CMT, Chindric JL, Commanificana Chindric CHIPS_COMPO_1_2_1_4_5_5_7_8_9_Rx), indication CMT, Chindric JL, Commanificana Chindric CHIPS_COMPO_1_2_1_4_5_5_7_8_9_Rx), indication CMT, Chindric JL, Commanificana Chindric CHIPS_COMPO_1_2_1_4_5_5_7_8_9_Rx), indication CMT, inter U, DPCH_Inth : cb_UL_DPCH_Inth (tsr_UL_DPDCH_ISF_64k_PS, ptc_DL_DPCHI_IndSect), inter of U, DMT, Chindric CML, Chindric CMT, inter of U, Listic JD, Commanificana Chindric CHIPS_COMPO_1_SFP_64k_PS, tsr_DL_DPCHI_IndSect), inter of U, paction CMT, inter of CMT, Chindric CMT, inter of CMT, Chindric CMT, CMT, inter of CMT, Chindric CMT, CMT, inter of CMT, CMT, CMT, CMT, CMT, inter of CMT, CMT, CMT, CMT, CMT, inter of CMT, CMT, CMT, CMT, inter of CMT, CMT, CMT, CMT, CMT, CMT, inter of CMT, CMT, CMT, CMT, CMT, inter of CMT, CMT, CMT, CMT, CMT, inter of CMT, CMT, CMT, CMT, CMT, CMT, CMT, CMT,	

4.7 cbs_108_RB_ReconfigSpeech (WA#RRC4023)

Constraint name	cbs_108_RB_ReconfigSpeech
Reason for change	After Radio Bearer Reconfiguration the Identity Request message is not received by the mobile, this is due to wrong secondary scrambling code specified in the Radio Bearer Reconfiguration message. The scrambling code must be the same as the previous radio bearer setup message.
Summary of change	Changed the following in cbs_108_RB_ReconfigSpeech
	from
	c_DL_InformationPerRL(tsc_DL_DPCH_ScrC_2)
	to
	c_DL_InformationPerRL(tsc_DL_DPCH1_2ndScrC).
Source of change	new change
Label	WA#RRC4023
ETSI comment	This change is not needed, because it was corrected differently as in Anritsu CR pls refer to our answer to document T1-030902. (already changed in

delivery wk_30) (it was agreed to use 2^{nd} ScrCode=2 for all successful 8.2.2. test cases.

R&S conclusion

Accepted However, the ETSI did not make this change in V330, therefore test case fails in regression tests. This issue needs to be fixed in their phase 2 implementation.

	implementation.
	ASN.1 PDU Constraint Declaration
	cbo_100_Mb_ReconfigDosech (p_megeRanko: integrigChocketo); g_RRD_TI: RRC_TransaturAdentifier; g_Atbettrie: ActivationTime; u_freamts: Frequeniento; g_DimersScramblingCode :PrimersScramblingCode; g_UL_ScramblingCode; }
Trage OU Name:	DL.DOCH_Wessage
Anteration Patts	
ncocking Rule Northe:	
ecodes Variation: Concerns:	Defined in TS 34.1291 annex A condition A 3 WMRRPC 4132 + WARRIE 4023
	Constraint Value
	Canadiana
R_HitmaterAlter A_CommonTransit A_Detection IL_Addetection IL_Addetection IL_AddReconTransit IL_CommonTransit IL_	<pre>int_DCH wr_pDCAt wrgDCset0wrT, confgList_CHT,</pre>

4.8 RB reconfiguration errors (WA#RRC4032)

Constraint name	cbs_108_RB_ReconfigSpeech and cs_RB_ReconfigSpeech_NoPeriodic _RLC_Status
Reason for change	The radio bearer reconfiguration message in 8_2_2_1 message is for speech configuration. The message had wrong ul-channel requirement and dl-common information, due to this there were no radio bearer reconfiguration complete
Summary of change	Changed the following in cbs_108_RB_ReconfigSpeech and cs_RB_ReconfigSpeech_NoPeriodic_RLC_Status from

ul_ChannelRequirement ul_DPCH_Info : c_UL_DPCH_13_6_StandAlone (p_UL_ScramblingCode),

to

<pre>ull Channel Requirement ul_DPCH_info : cb_UL_DPCH_info (sc_UL_DPCH_SF_Speech, p0_84, p_UL_ScramblingCode). Channel Requirement ul_DPCH_info : cb_UL_ScramblingCode). Channel Requirement ul_DPCH_info : cb_UL_ScramblingCode). Form d. Commoninformation c_DL_CommoninformationRB_SetUp (sc_DL_DPCH1_SFP_Speech). for d. D_CommoninformationRB_SetUpSpeech (sc_DL_DPCH1_SFP_Speech). Source of channel Methods in the public data in</pre>						
			(tsc_UL_DPDCH_SF_Speech, pl0_84, p_UL_ScramblingCode).			
			from			
<pre>c</pre>			dl_CommonInformation c_DL_CommonInformationRB_SetUp (
Control of Change new change Label WARRC4032 ETSI comment Accepted, since the only difference is the puncturing limit which needs to be Set to 0,44 for speech. This will be done in v330. Arterady done in w4.30 version, see our answer to Anritsu CR T1-030902. RSS conclusion OK Materady done in w4.30 version, see our answer to Anritsu CR T1-030902. RSS conclusion OK Materady done in w4.30 version, see our answer to Anritsu CR T1-030902. RSS conclusion OK Materady done in w4.30 version, see our answer to Anritsu CR T1-030902. RSS conclusion OK Materady done in w4.30 version, see our answer to Anritsu CR T1-030902. RSS conclusion OK Materady done in w4.30 version, see our answer to Anritsu CR T1-030902. RSS conclusion OK Materady done in w4.30 version, see our answer to Anritsu CR T1-030902. RSS conclusion OK Materady done in w4.30 version, see our answer to Anritsu CR T1-030902. RSS conclusion OK Materady done in w4.30 version, see our answer to Anritsu CR T1-030902. RSS conclusion OK Materady done in w4.30 version (Conclusion) OK Materady done in w4.30 version (Conclusion) OK Materady done in w4.30 version (Conclusion) (Conclus			to			
Label WA#RC-032 ETSI comment Coccepted, since the only difference is the puncturing limit which needs to be set to 0,84 for speech. This will be done in v330. Already done in wL_30 version, see our answer to Anritsu CR T1-030902. RSS conclusion OK Anal PDU Constraint Declaration						
Label W4#RC-032 ETSI comment Coccepted, since the only difference is the puncturing limit which needs to be set to 0,84 for speech. This will be done in v330. Already done in wk_30 version, see our answer to Anritsu CR T1-030902. RES conclusion OK ANAL POU Constraint Declaration Constraint Pound Pou	Source of ch	ange	new change			
set to 0, 84 for speech. This will be done in V330. C Already done in wk_30 version, see our answer to Anritsu CR T1-030902. RES conclusion CK RES conclusion C I The subplement of the Constraint Declaration C I The Subplement of the Constra		•	-			
ASS.1 PDU Constraint Declaration Constraint Declaration Constraint Declaration Constraint Declaration Constraint Declaration p. Athenia Strainty Constraint p. Athenia Strainty Constraint Constraint Declaration	ETSI comme	nt	set to 0,84 for speech. This will be done in v330.			
Considerations: Consideration: L. Lange March 1990 (Construction of the Construction	R&S conclus	<mark>ion</mark>	ОК			
Provide P						
PHUI Name: DL, DCCL, Mansage Receive Num Name: Receive Name: Receive Name: Receive Name: Receive Name: Receive Name: Operation PS 34 1323 1 aves: A conflicts A.I. Receive Name: Receive Name: Receive Nam	Constraint Name:	p_kitegrit/rito g_RBC_Ti_Ri g_Attentime g_PrimonSerie	i : IntegrityCheckento ; RC_Transacturdéentifier; Activities Thres; amblingCode : PrimaryScreentiesgCose;			
Execute Value Conversation		DL_DOCH_MAN	1128			
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Interstate relationship (Control of Control	r - Ci -					
Defailed Comment:	Investige radio Beaver reduzioner River River antig ref., Transacture den interphProtection M optiming Note in M optiming Note in M reference (C), RMT (MMT, ref., Statematic iden e attraction, DRS, Cytile Li ref., Statematic iden e attraction, DRS, Cytile Li ref., Statematic iden e attraction, DRS, Cytile Li ref., Statematic iden e attraction of the statematic ref., Statematic iden e statematic iden e statemati	Reconfiguration paration_c0; differ 0_09%C_TL selevite CwiT_ OMIT_ advective atDCH, engine CwiT_ ConfigLies CwiT_ configLies CwiT_ and U.St CwiT_ configLies CwiT_ and Comit CwiT_ ChiefeLies CwiT_ and ChiefeLies CwiT_ ChiefeLies CwiT_ ChiefeLies CwiT_ ChiefeLies CwiT_ ChiefeLies CwiT_ ChiefeLies CwiT_ ChiefeLies CwiT_ ChiefeLies CwiT_ ChiefeLies CwiT_ advec CwiT_ Liste CwiT_ Liste CwiT_ Liste CwiT_ advec CwiT_ advec CwiT_ Liste CwiT_ Liste CwiT_ chiefeLies CwiT_ advec CwiT_ date CwiT_ chiefeLies CwiT_ advec CwiT_ advec CwiT_ advec CwiT_ advec CwiT_ chiefeLies CwiT_ advec Cwi	toPieconfigLieStareettNo_RLC_Blake, T T jets : cb_UL_DPCH_Mts (bc_UL_OPDCH_BF_Speech, pi0_64, p_UL_SictambingCade), proatesPeeR_((g_Peenan@crambingCode, bc_DL_DPCH1_CRC_BR8, bcc_DL_DPCH1_2ae8corc)			

see also TTCN code snippet for correction WA#RRC4023

4.9 ts_GMM_IdReq and ts_GMM_IdReqFail (WA#RRC4042)

Test step name	ts_GMM_IdReq and ts_GMM_IdReqFail
Reason for change	8_2_2_7_PS fails in the Identity request message. The message sent has a CS domain as the specifed domain, therefore the phone sends an RRC status message. In order to send a GMM Identity Request message, new PDU type definition, new PDU constraints, and new test steps had to be created.
Summary of change	Added 2 new test steps, ts_GMM_IdReqFail and ts_GMM_IdReq. Under the test step group L3M_MM_GMM_Steps
Source of change	new change
Label	WA#RRC4042
ETSI comment	Teststep ts_GMM_IdReqFail is <u>accepted</u> in principle, but but with the following changes: We will replace your created PDU constraints by our existing PDU constraints please refer to wk_24 NAS ATS delivery:
	Instead of c_GMM_IdReq, we will use of <u>cs_IdentityRequest</u> and instead of your proposed c_GMM_IdRsp, we will use <u>cr_IdentityResponse.</u>

R&S conclusion

OK

Manager and the second			Test Step			
Test Step Group Ref. Objective: Defaults:	ts_GMM_idReap all (p_Cretid_INTEGER; p_idType 80) LSM_MM_GMM_Bitopsi Identify Request procedure, UE shall not answer ISAL_ChevenseFail The Mitgle requested is centra the UE what answers with the corresponding identity WWRRIC 4042					
. IN	Label	Behaviour Description	Constraint Part	Verd.	Consistents	
		DcRRC_DabReg START LDtytec_T3370)	ta_PS_DuteReq) tac_CellEveltaried, tac_PD3, 1_00Mw_14Req(1_atFypeop_14Typoxy)			
2	191	Downing_Deland CANCEL1_De	<pre>car_PS_UpInkDeedTransfer (toc_CeriDedixeled, toc_R53, r_0MM_36Rsp(7))</pre>	er.		
3	1201	TTHEOUT LOW	1.034.2010330.4	(P1		

and

Environment			Test Step			
Test Step Graup Ref: Objective: Defaults:	b_GMBK_ISReg (p_Cellid INTEGER, p_IsType EX, p_MobileIdMS_Isentity_N) ft C3M_MM_GMM_Steps1 Hentity Requiring and the section of the UE which answers with the corresponding identity WWRRRC 4043					
	Lahei	Belandour Description	Constraint Ref	Vent.	Comments.	
		DUMINC_DWARKSTANT (_DW3ki_13370)	ta_PS_DateReg(tot_cetDencolon, tot_R83, t_GMM_tsReg(t_EType(p_InType())			
2	TSPI	Dr/RRC_Datains CANCEL1_Div	tar_PS_MalkMDiretTransfer(tot_CelDeticated, txr_RE3, c_ONM_(dRup)p_Motifiel()	P		
2	TSF1	TIMEOUT LDW	1.1200.2000.02000.000	£1		

4.10 ts_IdReqFail and ts_IdReq (WA#RRC4043)

Test step name	ts_IdReqFail and ts_IdReq
Reason for change	see problem description 4042
Summary of change	Added 2 new test steps, ts_IdReq and ts_IdReqFail. Under the test step group L3M_MM_GMM_Steps.
Source of change	new change
Label	WA#RRC4043
ETSI comment	Accepted in principle, will be included in our next delivery using modified teststeps please refer to ts_GMM_IdReq and ts_GMM_IdReqFail.
R&S conclusion	ОК

E		T	est Step		
Tent Step lit	ta_ktResFail(c_Celld INTEGER; p_id?ype: 82)	1.0		
Test Step Group Ref:	LOM MM GHIN	Etegol			
Objective:	Hendit Requir	it procedure. UE shall not ariswer			
Defaults:	NAS_Otherwis	atus			
	WARREC 104				
	Lahei	Belandour Description	Constraint Ref.	Vent.	Comments.
1	the second	[lts_CN_Domain = ps_dumain]	and the second se	- (
2		+ts_OMM_IdResFail(p_Cellid_s_IdType)			
5		[tox_CN_Domain = ss_stomain]			
4		+to_MM_tdFirsFaltgr_Collid_p_tilType)			
6		ITRUE1			

and

Sector se		Test	Step			
Test Step Group Ref: Objective: Defaults:	In_IdReg (p_Cellid INTEGER; p_IdType 83; p_Moteleid MS_Identity_/v) L3w_MM_ONM_Stager Identity Request protodure NAG_OtherwiseTail WwwRRC 4003					
	Label	Bohaviour Description	Constraint Ref	Verd.	Comments	
1		[Its_CN_Domain = ps_damain] +ts_OMM_MReap_Colld_p_isType_p_Motilat() [Its_CN_Domain = is_domain] +ts_MM_MReap(p_Celld_p_isType_p_Mobile()) [ITRUE]			ti te di Mile	

4.11 GMM_IDENTITYREQ and GMM_IDENTITYRESP (WA#RRC4044)

PDU types	GMM_IDENTITYREQUEST and GMM_IDENTITYRESPONSE
Reason for change	see problem description 4042
Summary of change	Created new Pdu type definition. GMM_IDENTITYREQUESTand GMM_IDENTITYRESPONSE
Source of change	new change
Label	WA#RRC4044
ETSI comment	Change not needed since these PDU definitions already exists in wk_24 NAS ATS delivery and were used for existing PDU constraints <u>cs_IdentityRequest</u> and <u>cr_IdentityResponse</u> , there is not need to double-define this PDU constraints. Please refer to our comments given in clause 4.9.
R&S conclusion	OK

Conservation .		PDU Typ	e Definition	
YOU Hanne:	OWN_DENTITYREQUEST			
PCO Type: D1_SAP Encoding Tube Name:				
ncoding Variation: Comments:	0 MM (DENITITY R 10 TS 24,008 V2	EQUESTIN -> WARENC 4044		
Field	Hame	field Type	Type Encoding	Comments
skiplindicalist		Skipte do; alter		Skip indicator M BiTSTRINO (4)
gm##*rstocofDiscrimenator		ProtocorD sconnenator		OWM Protocal Discriminator M BITSTRING (4)
msgType		МадТуро		Message Type (1) M BITSTERIO (2)
tpare4		84		Spare talfoctet M Bittatteliko (4)
idType		1dTeco		identiti: Tipe M Bittotminio (4)

and

Sector Sector		PDU Typ	e Definition	
POUTName: OMM_DEMITY Group: PCO Type: Dt_SAP Encoding Public Remot Encoding Variables		REPORTE		
Cammanta:		REEPONEE us -+ n 3 4 0 tl. 3 2 11 WWWITEC 4044		
Field	Hanse	Field Type	Type Encoding	Coroments
Skiptedicalar		Clargen Bit ador		Ship tedicator M B/T3TFt#40 (4)
proble infocolDiscriminator		PrefocolDiscriminator		OMM Protocol Discriminator M B/T8TF#940 [4]
msgTitte		MugType		Message Type (1) M BITRITRITAD (0)
rections		985_)Gardty_lv		Mobrie Islanitity LV M Mobileid (2:10 avtets)

4.12 c_GMM_IdReq and c_GMM_IdRsp (WA#RRC4045)

Constraint names	c_GMM_IdReq and c_GMM_IdRsp		
Reason for change	see problem description 4042		
Summary of change	Added new PDU constraint. c_GMM_IdReq and c_GMM_IdRsp		
Source of change	new change		
Label	WA#RRC4045		
ETSI comment	Change not needed since we will use existing constraints:		
	Instead of c GMM IdReg, we will use of cs IdentityRequest and inste		

Instead of c_GMM_IdReq, we will use of <u>cs_IdentityRequest</u> and instead of your proposed c_GMM_IdRsp, we will use <u>cr_IdentityResponse</u>.

le		POU (Constraint Declaration		
Com/rank Name:	C_CMML_ISTRODU	dType387(ppe)			
Group:					
DUNING:	OHM_DENTITYR	EQUERT			
erwation Path:					
reacting Paste Harne:					
acading Verbelanc					
and the second se	WWWRRC4045				
onnores.	WW#RRC4045	Element Value	Type	Cammonts	
omments: Field		thermal Value	Type	Camments	
enincentis: Fadd Alphydicator	Rittie		Type	Camments	
entrometics Field Alphoticator Interfectures Characteris	Rittie	90009	Турн	Comments	
Intending Vertetore Concorrets Fadd High dis also prove to the concorret maging of the concorret parent of frage	Rittie	90009 10009	Type	Connects	

and

		POU C	constraint Declaration				
Constraint Name: Ocean	COMM_HEREP (P	_Woblett WS_ldetdty_lv)					
POU Name:	OWN_DENTITYR	WW_DENTITIHESPONSE					
Derivation Path:							
Encoding Rule Norma	1						
Encoding Variatian Communita:	WARREN 4045						
Field	Name	Element Value	Rype	Commente			
skiptniticalor		00038					
grid@index.elDiactiminator		10030					
megType		10001811018					
mobilela		p_Monitation					

4.13 Test body line 12 and 15 (WA#RRC4046)

Constraint names	Test body, line 12 and 15
Reason for change	see problem description 4042
Summary of change	Changed the following in 8_2_2_7. In Line 12 changed from ts_MM_IdReq to ts_IdReq. In Line 15 changed from ts_MM_IdReqFail to ts_IdReqFail

Source of change	new change
Label	WA#RRC4046
ETSI comment	Change accepted, considering the changes as given in our comments in clauses 4.9 to 4.11. Change not needed since we will use existing constraints:
	Instead of c_GMM_IdReq, we will use of <u>cs_IdentityRequest</u> and instead of your proposed c_GMM_IdRsp, we will use <u>cr_IdentityResponse.</u>

R&S conclusion OK

Test Case

	N.4.2.2.7 RECERC. NO_Records To control half the UE records uses new radio bearer and stop the transmission and recepton of the RLC entity belonging to the RB identity specified in the RADIO SE ARCR RECORTOURATION message						
Configuration: Defaults: Comments:	MRC_DWT WARRE #140						
Hr.	Lobel Behaviour Description		Constraint Ref Ve		Consistents		
2		START L. Guard [px_RAT=100] +tz_RRC_bit/strubles (sell_DCH)			FDD specific boltarister		
4 5		+pr_GotsBate6_9_Gr6_10_MCdsx_CelW) +tt_Locaffeet					
6	2.000	+ po_CernettonAndSil_Reis			Postantice To release the RRC connection and all the GS configuration		
7	ERR1 ERR2	los_RAT/300 (TRUE)			TDD saecific behaviour		
8_LocalText							
9	TEB	(try_Tes/Both +TRUE) (+8. SendRD ReconfContinue		-	aber 1		
11		+ ts_RRC_RetelieRB_ReconfigCropt (tsc_CellA, to _RRC_RAB_Type)			step 2 in arrise,		
12		• ts_ldReg (toc_CallA, '021'B, c_MolderdAry_lv)			Informa 3 - 36 WARRING 4048		
13		+IL_SandRD_RactrfDtop			utiqt 4		
1.6		+ ts_RRC_ReceiveRB_ReconfgCmpl (tsc_CeliA, t mc_RRC_RAB_Type)			step 5 in arrive:		
15		+ts_tiffeqFait (tsc_CelW, D018)			stop it in proce, WAPRIC 4045 Sti shall not receive any data from the UE		
15		+ts_C3_CheckCellDCH_NoNAS { to:_CellA }			xtep II		
17	TBE	dtv_TestBickr=FALBE)					

5 Branches executed in test case 8.2.2.7

The CS and PS branches of the test case implementation were executed with Integrity activated and Ciphering disabled.

6 Execution Log Files

6.1 Nokia 3G UE 6650

The Nokia 3G UE 6650 passed this test case in CS and PS mode on Rohde & Schwarz 3G System Simulator CRTU-W. The documentation below is enclosed as evidence of the successful test case run [1]:

- Execution log files 8_2_2_7-Logs\CS\Index.html
- Execution log files 8_2_2_7-Logs\PS\Index.html This execution log files in HTML format show the dynamic behaviour of the test in a tabular view and in message sequence chart (MSC) view. All message contents are fully decoded and listed in hexadecimal format. Preliminary verdicts and the final test case verdict are listed in the log file.
- PICS/PIXIT file 8_2_2_7-CS-pics-pixit.txt
- PICS/PIXIT file 8_2_2_7-PS-pics-pixit.txt Text file containing all PICS/PIXIT parameters used for CS/PS testing.

7 References

[1] T1-031003

This archive comprises HTML Execution log files, PICS/PIXIT files and the TTCN MP file

	CHANGE REQUEST		(CR-Form-v7
ж	TS 34.123-3 CR 031298	Current versi	^{ion:} 3.2.1	ж
For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the X symbols.				ibols.
Proposed ch	ange affects: UICC apps% ME Radio Acc	ess Networ	k 📃 Core Net	work
Title:	# Addition of RRC test case 8.2.2.9 to RRC ATS V3.2.	1		
Source:	<mark></mark>			
Work item co	de:	<i>Date:</i> ೫	15/09/03	
Category:	 F F Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP <u>TR 21.900</u>. 	Use <u>one</u> of 1 2 R96 R97 R98 R99 Rel-4 Rel-5	R99 the following relea (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5) (Release 6)	ases:
Reason for c	hange: # To add verified GCF package 2 RRC test case V3.2.1	8.2.2.9 to th	e approved RR	C ATS

Summary of change: ℜ	This document lists all changes applied to test case 8.2.2.9 required for approval.
	This CR is a revision of T1-031261 and includes ETSI/MCC160 feedback and R&S conclusions on their comments and corrections made in the ETSI/MCC160 TTCN V330a implementation.
Consequences if # not approved:	Test case will not be added to ATS
O I	

Other specs affected:	# N/A # X Other core specifications # X Test specifications X O&M Specifications
Other comments:	<u> </u>

How to create CRs using this form: Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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 TSG- T1 Meeting #21 Budapest, Hungary, 03- 07 N0vember 2003

Title:	Changes to test case 8.2.2.9 required for approval
Source:	Rohde & Schwarz
Agenda Item:	TTCN Issues
Document for:	Approval
Contact:	Thomas Moosburger thomas.moosburger@rsd.rohde-schwarz.com Tel. +49 89 4129 11731

1 Overview

This document lists all the changes needed to correct problems in the TTCN implementation of test case 8.2.2.9 which is part of the RRC test suite. Only essential changes to the TTCN are applied and documented in section 4.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs (see section 6). Execution log files are provided as evidence.

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3 Verification Test Summary

Test Case:	TC_8_2_2_9
Test Group:	RRC/RRC_RB_Reconfig/
ATS Version:	iWD-TVB2002-03_D03wk24 + essential modifications
System Simulator used:	Rohde & Schwarz 3G system simulator CRTU-W
UE used:	Nokia 3G UE 6650
Verification Status:	PASS

4 Corrections required for test case 8.2.2.9

4.1 Introduction

This section describes the changes required to make test case 8.2.2.9 run correctly with a 3G UE. All modifications are marked with label "WA#BasicM<number>" for changes to the BasicM TTCN module and with label "WA#RRC<number>" for RRC related changes in the TTCN comments column of the enclosed ATS [1].

The ATS version used as basis was RRC_wk24.mp which is part of the iWD-TVB2002-03_D03wk24 release. This is the most recent ATS provided by MCC160 which contains GCF package 1 and 2 test cases.

The enclosed ATS [1] contains a number of additional changes (see list below) which are already fixed in the V3.21 release and are therefore not documented in this CR:

WA#BasicM4011, WA#BasicM4012, WA#BasicM4017, WA#BasicM4020, WA#RRC3059, WA#RRC3079, WA#RRC3080, WA#RRC3081, WA#RRC3087, WA#RRC4022, WA#RRC4031, WA#RRC4041, WA#RRC4055.

For each correction the ETSI/MCC160 feedback and R&S conclusion on the TTCN implementation is documented. These changes were made by MCC160 in their V330a release and the test case passed in regression-tests.

4.2 cr_ActPDP_ContextReqMO (WA#BasicM4014)

Constraint name	cr_ActPDP_ContextReqMO
Reason for change	see Anritsu CR - T1S.030419 Sec. 2.2.5
Summary of change	The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoDCH for constraint definition
Source of change	new change
Label	WA#BasicM4014
ETSI comment	Accepted Shall be changed also in cr_ActPDP_ContextReqMO_Any, if possible.
R&S conclusion	Accepted

		PDU Const	raint Deck	aration
Constraint Name: or AdPOP, ContectResMOB, RespectiveGoS, SaathOfSentre, M				
Group:		States and the second second second second		
POUNINE ACTIVITE/DPCONTEXTREQUESTU		STREQUESTU		
Dertvarken Parte				
Encoding Fade Name	e.			
Encoding Votations				
Comments:	Activate PDP Contact?	Terpuirit		
	102-1718			
	30PF 34 000, 8.5.5			
	WWPBackW4014	and the second s		
1 . Page	Ad Moreno	Ekeneret Value	Type_	Connects
1		ct_TLAre Ear	nett Value	
aM_ProbacciOlastremenator		tet_SMPD		
msgType		10100000110		
tequested/dLAP1		ET_NDAPLY		
tequested.LC_SAP		IT_LLC_TAPLY		This has to be set to Not Assigned by UE in UMTS domain.
In guarded Oct		p_RequestedQeS		The AT command interface will be used to set the GoS to this value.
pDP_Addwin		cr_PkDvb#PutrAddr#0_k1ps_PDP_P_Addriv CH)	niD	The CODM logical name or the edamal packet data referrink logical name
access?Plane		the second se		which is an an and the second of the second se
access?*Everne		ct_ALCROSPERATERATE FREEDERT		The OODN logical name of the edamal packet data retwork logical name

4.3 cr_ActPDP_ContextReqFACH_MO (WA#RRC3050)

Constraint name Reason for change Summary of change	cr_ActPDP_ContextReqFACH_MO Anritsu CR - T1S.030427 Sec. 2.2.4 The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoFACH for constraint definition
Source of change Label	new change WA#RRC3050
ETSI comment	Agreed in principle This change is not applicable in principle for this test case, since cell_DCH is choosen as in preamble ts_RRC_InitVariables (cell_DCH). But to be inline with same structure used for DCH (cr_ActPDP_ContextReqMO), ETSI agrees in principle this shall be changed also in cr_ActPDP_ContextReqRspMO, if possible. In the latter, also other params should be checked, not simply be set to '*'.
R&S conclusion	Accepted

		PDU Censtra	aint Dec	slaration			
Constraint Novae: (r_ArtPCP_CardiotRegFACH_WOp_RegulatedCod: GualitotRevine_M							
Group: POCI Name: Derivation Path	ACTIVATEPDPCONTERTREGUESTIA						
Encoding Plate Marxo Encoding Variation Convents							
C Refe	f Karse	Element Value	Тури	Constantia			
		IT_TLANY	10				
EM_ProtocolDesutminator		104_8MPD					
mafie		918886018					
(#sset3hdhdSAP)		11_NSAP1_V					
requested LLC_SAPI		W_LLC_SAPLY		This has to be set to NatiAssigned by UE in UNITS doreals			
		a_RequestedQo9		The AT command interface will be used to set the QoD to the salar			
Rocketeduce		a_RequestedOp9 tr_PxtDataProtoAddimO_Iv(ps_PDP_IP_Addition FACH)					
equestedGoG IOP_Address IDIG00PFiame		or_PatCataProtoAddiMO_tv (pat_PDP_IP_Addition		The AT command interface will be used to set the QoB to this same. The OODN logical name or the external packet data referric logical name			

4.4 ts_RRC_SendRB_SetUpFACH_PS (WA#RRC3055)

Test step name	ts_RRC_SendRB_SetUpFACH_PS
Reason for change	In test step ts_RRC_SendRB_SetUpFACH_PS a delay is set to 300 ms before the RAB Setup Complete is expected. However, the RAB Setup Complete is received in less than 250 ms.
Summary of change	Remove ts_RRC_Delay
Source of change	new change
Label	WA#RRC3055

ETSI comment Accepted and will be done for v330.

		Test	itep		
Test Step Group Hoft Objective Defaultsi Commentsi	Its_RRC_SendHS_SetApFACH_PScs_Calls RefEGER; p_RAB_all_BTSTRRAD; p_AntTerre_ActivationTime 1 Basind_RRC_StoppHRC_RAB_Stopp To antip a RADIO BEARER witt_FACH_PS and to recordigare the SS accordingly RRC_Dart Base TO 34.103 H & 110 24.3.21 2 for downline and 6.10.2.4.4.1.1 for uprink RefC_Dart Base TO 34.103 H & 110 24.3.21 2 for downline and 6.10.2.4.4.1.1 for uprink No channel recordigaretion to needed, because the complete contigaretion is welve in to_SG_CreateCelFACH Wwarmer Stops				
THE .	Land	Bohaviour Description	Constraint Rot	Vordiet	Concents
1		+ fo_BeffrepCedieto (a_Cedia) Am Frilo_AM_DATA_REO	Tail_PRE_SalDaAM (tra_ColDeckrated, trr_PRD2, (bo_108,PRE_SolUpFACH_PR) (trv_Celledints.d].triugrityCheckd rdb, trv_TrepCallinto.hepsenoyinto, a_RRAD_14, trv_TrepCollinto.pettorreColle, trv_TrepCollinto.cRivII) %		
3	TOP	+ Is_RRC_NetworkB_SelupCoop((p_Ce No., cel_FACH_PG)			

4.5 ts_AT_SetQoS (WA#RRC4071)

Constraint name	ts_AT_SetQoS
Reason for change	The Qos service parameters, fails when the SS sends a PDP Activate Accept, the UE replies with Deactivate PDP meassage
Summary of change	Changed the AT command parameters.
Source of change	New change
Label	WA#RRC4071
ETSI comment	Not accepted. The Standard configuaration defined in 34.108, in cell FACH is only 32 kbps.
R&S conclusion	Not accepted.
	If QOS specified in 34.108 is to be used, then the MIN QOS should be higher or equal to the REQ QOS.
	le:
	at+CGEQMIN=1,2, <mark>32,32</mark> ,,,1,320,"1E3","4E3",1,,3 at+CGEQREQ=1,2,32,32,,,1,320,"1E4","1E5",1,,3
	Therefore MINI OOS should be shanged in "to AT OraDS Call"

Therefore MIN QOS should be changed in "ts_AT_OrgPS_Call"

QoS settings are currently being discussed in MCC160 and among SS and UE manufacturers. Test case should be approved without these QoS settings for an interim period, until a common agreement on the correct settings has been reached.

		Test Step
Test Step I	d:	ts_AT_SetQoS
Test Step G	coup Ref:	BasicM_UT_Steps/
Objective:		This Step sets the QoS
Defaults:		UT_OtherwiseFail
Connents:		WA#BasicM4020 (closed) WA#RRC4071
Rr	Label	Behaviour Description Constraint Ref Verdict Comments
5		<pre>[po_Interactive AND (px_R RC_PS_ServTested = ps_Interac tive)]</pre>
6		(tov_AT_Cmd := ("AT+CGEQREQ =1,2,64,64,,1,320,""1E3"","" 6E8"",1,,3 <cr>"))</cr>
7		<pre>[pc_Background AND (px_RR C_PS_ServTested = ps_Backgrou nd)]</pre>
8		(tcv_AT_Cmd := ("AT+CGEQREQ =1,3,64,64,,,1,320,""1E3"","" 6E8"",1,, <ce>")]</ce>

4.6 cr_QoS_InteractiveOrBackgroundMO_CellFACH_Iv (WA#RRC3051)

Constraint name	cr_QoS_InteractiveOrBackgroundMO_CellFACH_lv
Reason for change	The Qos service parameters, fails when the SS sends a PDP Activate Accept, the UE replies with Deactivate PDP meassage
Summary of change	cr_QoS_InteractiveOrBackgroundMO_CellFACH_Iv and changed some values inside
Source of change	New change
Label	WA#RRC3051
ETSI comment	Not accepted. The Standard configuaration defined in 34.108, in cell FACH is only 32 kbps.
R&S conclusion	OK, if MIN QOS is changed in "ts_AT_OrgPS_Call"
	QoS settings are currently being discussed in MCC160 and among SS and UE manufacturers. Test case should be approved without these QoS settings for an interim period, until a common agreement on the correct settings has been reached.

	Structured Type Const	CENTRE PRESENTATION			
Constraint Name:	cr_QoS_InteractiveOrBackgroundNO_Cel:	1FACH_lv (p_dlyClass ,p_t	rafficClass : B3)		
Group:					
Type Hame:	QualityOfService_lv				
Derivation Path:					
Encoding Variation:					
Connents:	The QoS for interactive RAB at 64kbps	s uplink as well as down 1	ink, sent to the UE		
	MA#RRC3051				
	1	I.	4		
Element Hame		Type Encoding	Connents		
length	'0B'0				
spare	'00'B				
dlyClass	p_dlyClass				
relabilityClass	'100'B		Acknowledge Node of RL		
peakThroughput	'0100'B		64 kbps		
sparel	'0'B				
precedenceClass	'000'B		Subscribed class		
spare2	'000'B				
meanThroughput	'11111'B		best effort		
trafficClass	p_trafficClass		Interactive		
deliveryOrder	'01'B		With delivery order		
deliveryError3DU	'010'B		Erroneous SDUs are del		
			vered		
max5DUSize	20'0		320 bits		
maxBitRateUplink	'40'0		64 kbps		
maxBitRateDnlink	'40'0		64 kbps		
residualBER	'1001'B		6 x 10E (-8)		
sduErrRatio	'0011'B		1 X 10 E(-3)		
transDly	2		Transfer delay will be		
			neglected in case of i		
			teractive or backgroun		
			. Hence the value is a		
			t to spare		
trafficHandpro	'11'B		This is set to 3, but		
			as to be neglected by		
			he UE as the traffic o		
			ass is interactive.		
bitRateUplink	2		The gaurented bit rate		
			is set equal to reques		
			ed bit rate.		
bitRateDnlink	2		This will be neglected		
A REAL ADDRESS AND A REAL ADDRE	1		by UE as the class is		
			DY UD GD UNC VAGOO 10		

4.7 cs_QoS_InteractiveOrBackgroundMT_CellFACH_Iv (WA#RRC3068)

Constraint name	cr_QoS_InteractiveOrBackgroundMT_CellFACH_lv
Reason for change	The Qos service parameters, fails when the SS sends a PDP Activate Accept, the UE replies with Deactivate PDP meassage
Summary of change	cr_QoS_InteractiveOrBackgroundMT_CellFACH_lv and changed some values inside
Source of change	New change
Label	WA#RRC3068
ETSI comment	Not accepted. The Standard configuaration defined in 34.108, in cell FACH is only 32 kbps.
R&S conclusion	OK, if MIN QOS is changed in "ts_AT_OrgPS_Call"
	QoS settings are currently being discussed in MCC160 and among SS and UE manufacturers. Test case should be approved without these QoS settings for an interim period, until a common agreement on the correct settings has been reached.

	Structured Type Constraint Declaration
Constraint Name:	cs_QoS_InteractiveOrBackgroundMT_CellFACH_lv (p_trafficClass : B3 ; p_dlyClass : B3)
Group:	
Type Name:	QualityOfService_1v
Derivation Path:	
Encoding Variation:	
Comments:	The QoS for interactive RAB at 32kbps uplink as well as down link, sent to the UE. This is set same as the one received by the nw WA#REC3068

Element Name	Element Value	Type Encoding	Connents
length	'0B'0		
spare	'00'B		
dlyClass	p_dlyClass		
relabilityClass	'111'B		Unacknowledged GTP, LLC , and Acknowledged RLC: Proceted Data
peakThroughput	'0110'B		32 kbps
sparel	'0'B		
precedenceClass	'000'B		Subscribed class
spare2	'000'B		
meanThroughput	'111111'B		best effort
trafficClass	p_trafficClass		
delivery0rder	'01'B		
deliveryErrorSDU	'010'B		
max3DUSize	'20'0		
maxBitRateUplink	'40'0		64 kbps
maxBitRateDnlink	'40'0		64 kbps
residualBER	'1001'B		6 x 10E (-8)
sduErrRatio	'0011'B		1 × 10 E(-3)
transDly	.111111.B		Transfer delay will be neglected in case of in teractive or background . Hence the value is set t to spare
trafficHandpro	.11.B		This is set to 3, but h as to be neglected by t he UE as the traffic cl ass is interactive.
bitRateUplink	10010		The gaurented bit rate is set equal to request ed bit rate.
bitRateDnlink	'00'0		This will be neglected by UE as the class is interactive

4.8 ts_CRLC_UL_CipherCfg_RAB (WA#RRC3073)

Test step name	ts_CRLC_UL_CipherCfg_RAB
Reason for change	see Anritsu CR T1S.030409, 2.2.12, the ciphering activation request and confirm steps are only needed when ciphering is enabled
Summary of change	see CR
Source of change	see CR
Label	WA#RRC3073
ETSI comment	Rejected. This change have been rised several times and it was always clarified, that the value of RB_ActivationTimeInfoList is needed for a SS to calculate the value independent of ciphering activated or not.

			Test Step		
liest Stop Wi liest Stop Group Hof Digitchive Difaultsi Commentsi	BasaM_Security_ Configure options 85_Def				
ind .	Label	Exhaviour Description	Constraint Ref	Vendict	Comments
		(#_CipteringOnOf) CPLC1CRLC_Cathering_Autivate_REG	CA_CRLC_LL_CamerActProg (Soc_		rantigure clyrianny for signaling radio bearers
			CaliDedicated , p_CN_Domain, p _MS_ActivationTrevalet(Ltal)		
2		CRLC 1 CRLC_Centering_Advale_CNP			

4.9 ts_SS_ReconfRLC_PollingInfo (WA#RRC4040)

Test step name	ts_SS_ReconfRLC_PollingInfo
Reason for change	The test step ts_SS_ReconfRLC_PollingInfo is generic for PS and CS. But the test step reconfigures RB 20. When running test cases in CS branch the tester complains about RB 20, which is not configurecd.
Summary of change	Added the following condition in ts_SS_ReconfRLC_PollingInfo
	in Line 8 [tcv_CN_Domain = ps_domain] to cater for RB20
	in Line 11 added [TRUE] the alternatives.
Source of change	New Change
Label	WA#RRC4040
ETSI comment	Accepted
R&S conclusion	ОК

			Test Step		
Test	Step Id:	ts_SS_Rec	onfRLC_PollingInfo (p_CellId : INTEGER; p_UL	AM_P	LC_Node : UL_AM_RLC_Node)
Test Step Group Ref: BRCM_SS_St		RRCM_SS_S	teps/		
Objec	tive:	To reconf	igure SRB2, SRB3 and SRB4 regarding the pollin	ng in	formation.
Defau	lts:	SS_Def			
Comme	nts:	WAARRC 40	40		
	Behaviour De	scription	Constraint Ref		Conneats
1	+ ts_SetTmpCe) CellId)				
2	-		<pre>ca_FB_AM_ReconfInfoSS_DL (tsc_CellDedicated , tsc_FB2, {ullogicalChannelIdentity tsc_UL_ DCCH2, dllogicalChannelIdentity tsc_DL_DCCH2 }, 128, p_UL_AM_RLC_Mode }</pre>		cofigure radio bearers : FB2 (AM + DCCH) and (AM + DCC H)
3	CRLC 7 CRLC	_Config_CN	<pre>ca_CRLC_CfgCnf (tsc_CellDedicated, tsc_RB2)</pre>		
4	CRLC ! CRLC_Config_R EQ		<pre>ca_RB_AM_ReconfInfoS3_DL (tsc_CellDedicated , tsc_RB3, (uLlogicalChannelIdentity tsc_U L_DCCH3, dLlogicalChannelIdentity tsc_DL_DCC H3},128, p_UL_AM_RLC_Hode)</pre>		cofigure radio bearers : FB3 (AM + DCCH) and (AM + DCC H)
5	CRLC 2 CRI CNF	LC_Config_	<pre>ca_CRLC_CfgCnf (tsc_CellDedicated, tsc_RB3)</pre>		
6			<pre>ca_FB_AM_ReconfInfoSS_DL (tsc_CellDedicated , tsc_FB4, {ullogicalChannelIdentity tsc_UL _DCCH4, dLlogicalChannelIdentity tsc_DL_DCCH 4),128, p_UL_AM_RLC_Mode)</pre>		cofigure radio bearers : FB4(AM + DCCH) and (AM + DCCH)
7	CRLC 2 g_CNF	CRLC_Confi	<pre>ca_CRLC_CfgCnf (tsc_CellDedicated, tsc_RB4)</pre>		
8	[tov_ = ps_domain]	CN_Domain			WAWRRC 4040
9	CRLC ! CRLC_Con fig_REQ		<pre>ca_FB_AM_ReconfInfoSS_DL (tsc_CellDedicated , tsc_FB20, (uLlogicalChannelIdentity tsc_U L_DTCH1, dLlogicalChannelIdentity tsc_DL_DTC H1), 320, p_UL_AN_RLC_Node)</pre>		cofigure radio bearers : FB20 (AM + DTCH)
1		? CRLC_Co	ca_CRLC_CfgCnf (tsc_CellDedicated, tsc_RB2		
0	nfig_CNF [TRUE]		0)		MANRRC 4040

4.10 tc_8_2_2_9

4.10.1 tc_8_2_2_9:lt_LocalTest (WA#RRC4074)

Test case name	Tc_8_2_2_9: It_LocalTest
Reason for change	The Cell update confirm message is not been received by the UE, due to MAC header. Therefore the CMAC is reconfigured to use the U-RNTI and reconfigure the UM RLC Paylod size.
Summary of change	Added the following test steps in tc_8_2_2_9 after reception of cell update.
	(tcv_CellInfoA.cellConfig := cell_FACH_PS)
	+ts_CMAC_New_RNTI_Reconf (TRUE, tsc_CellA, tcv_CellInfoA.uRNTI, tsc_New_CRNTI)
Source of change	New Change
Label	WA#RRC4074
ETSI comment	Accepted
R&S conclusion	OK

4.10.2 tc_8_2_2_9:lt_LocalTest (WA#RRC4075)

Test case name	Tc_8_2_2_9: It_LocalTest
Reason for change	After perfroming the cell update procedure, the CMAC must be reconfigured to use the C-RNTI
Summary of change	The following changes have been made in tc_8_2_2_9 after sending cell update confirm
	removed
	+ts_SS_ReconfDCH_ToFACH(tsc_CellA)
	added
	+ts_CMAC_New_RNTI_Reconf (FALSE, tsc_CellA, tcv_CellInfoA.uRNTI, tsc_CRNTI_1)
Source of change	New Change
Label	WA#RRC4075
ETSI comment	Accepted
R&S conclusion	ОК

4.10.3 tc_8_2_2_9:lt_LocalTest (WA#RRC4076)

Test case name	Tc_8_2_2_9: It_LocalTest
Reason for change	This reconfiguration is not neccessary
Summary of change	Removed the following after receiving Utran mobility information confirm
	+ts_SS_ReconfDCH_ToFACH (tsc_CellA)
Source of change	New Change
Label	WA#RRC4076
ETSI comment	Accepted
R&S conclusion	OK

4.10.4 tc_8_2_2_9:lt_LocalTest (WA#RRC4077)

Test case name	Tc_8_2_2_9: It_LocalTest
Reason for change	According to the prose the U-RNTI is not sent only the new C-RNTI is sent to the UE
Summary of change	Changed the followning in tc_8_2_2_9
	from
	cas_RRC_CellUpdateCnf(
	tsc_CellDedicated,tsc_RB1, cbs_108_CellUpdateCnfDCCH(
	tcv_CellIndInfo.dl_IntegrityCheckInfo,
	tcv_RRC_Ti, tcv_CellInfoA.uRNTI,
	tsc_CRNTI_1, cell_FACH,
	OMIT, OMIT, OMIT))
	То
	cas_RRC_CellUpdateCnf(
	tsc_CellDedicated, tsc_RB1, cbs_108_CellUpdateCnfDCCH(
	tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_RRC_Ti, OMIT,
	tsc_CRNTI_1, cell_FACH,OMIT, OMIT, OMIT))
Source of change	New Change
Label	WA#RRC4077
ETSI comment	Accepted Accepted, according to 34.108 cl. 9.1.1, the new U-RNTI is not present

R&S conclusion

OK

Tank of

		714	A Care	
Peri La Peri Ler Pergener Configue Period In Consult	ng Britsmann mit tom	to 4.2.2.9 RECORE DE Journelle To routing the the TH transmitte RAFON PLANES NETWATIONATION RECORD RAFDEROTA, MARTERIT, THEREIGTS, RAFECARTS	CONTINUE Menning after in completer a	a vezit, nyedoka panoradkeza,
		Schericker Processing and	Tonetrailet Ref	Parment a
1# 1.7		Smillofak emilőnetőg es emiljákékjek i Mellofak szelőlikéseset i 1988, tasjalla, tevjésillutak skéfi, ta		Radio ana Radio ana
10		107_08_2425_081	ner per recitiversion) tra (salidentrated, tra (salidentrated, tra (salidentrated) tra (salidentrated) tra (salidentrated) tra (salidentrated) tra (salidentrated) tra (salidentrated) salidentrated salidentr	fing f in prover Addres with
19	1.5	rr_lolilotsk.cRWT1_t+_toc_URWT1_1_1		
	. trt_IREI_I	<pre>is_fMac_Ben_NTTL_Period (PALME, Lac_DellA, Loc_DellIndtak.uMTTL i</pre>		ALANCE 2011
	L		<pre>sm_STRAN_DedulateDeducted (</pre>	arteg 0 in groupe)
20		+ cs_NRC_Hereconfig_Reconfig_Rapl tas_Stills, tc=_NRC_HAD_Tage	8-	etap T Li povez
25 24 THE		+ ts_51_CartScallFACK (tsr_5all&) (him TertBinkr-FALME)		PRQ 8
let al les	(Correct)	A A A A A A A A A A A A A A A A A A A		

5 Branches execute in test case 8.2.2.9

The PS branches of the test case implementation was executed with Integrity activated and Ciphering disabled.

6 Execution Log Files

6.1 Nokia 3G UE 6650

The Nokia 3G UE 6650 passed this test case in PS mode on Rohde & Schwarz 3G System Simulator CRTU-W. The documentation below is enclosed as evidence of the successful test case run [1]:

- Execution log files 8_2_2_9-Logs\PS\Index.html This execution log files in HTML format show the dynamic behaviour of the test in a tabular view and in message sequence chart (MSC) view. All message contents are fully decoded and listed in hexadecimal format. Preliminary verdicts and the final test case verdict are listed in the log file.
- **PICS/PIXIT file 8_2_2_9-PS-pics-pixit.txt** Text file containing all PICS/PIXIT parameters used for PS testing.

7 References

[1] T1-031262

This archive comprises HTML Execution log files, PICS/PIXIT files and the TTCN MP file

		CHANGE	REQ	UEST			CR-Form-v7
ж <mark>Т</mark>	<mark>S 34.123-3</mark> CR	031299	жrev	- ¥	Current vers	^{ion:} 3.2.1	ж
For <u>HELP</u>	on using this form, se	ee bottom of this	s page or	look at the	pop-up text	over the X sy	mbols.
Proposed chai	nge affects: UICC	apps#	ME] Radio Ac	cess Networ	k 📃 Core Ne	etwork
Title:	^第 Addition of RRC	C test case 8.3.1	1.11 to RR	C ATS V3	.2.1		
Source:	<mark>ቼ T1</mark>						
Work item cod	e:೫ <mark>N/A</mark>				<i>Date:</i> ೫	15/09/03	
Category:	B (addition C (functiona	n) onds to a correction of feature), al modification of the modification) tions of the above	on in an ear feature)		2 R96 R97 R98 R99 Rel-4	R99 the following rel (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5) (Release 6)	
Reason for ch	ange: % To add ver V3.2.1	ified GCF packa	age 2 RR(C test case	e 8.3.1.11 to	the approved I	RRC ATS

Summary of change: ೫	This document lists all changes applied to test case 8.3.1.11 required for approval.
	This CR is a revision of T1-031124 and includes ETSI/MCC160 feedback and R&S conclusions on their comments and corrections made in the ETSI/MCC160 TTCN V330a implementation.
Consequences if # not approved:	Test case will not be added to ATS
Clauses affected: #	N/A
	YN
Other specs अ	X Other core specifications #
affected:	X Test specifications X O&M Specifications
Other comments: ೫	

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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 TSG- T1 Meeting #21 Budapest, Hungary, 3rd – 7th November 2003

Title:	Changes to test case 8.3.1.11 required for approval
Source:	Rohde & Schwarz
Agenda Item:	TTCN Issues
Document for:	Approval
Contact:	Thomas Moosburger thomas.moosburger@rsd.rohde-schwarz.com Tel. +49 89 4129 11731

1 Overview

This document lists all the changes needed to correct problems in the TTCN implementation of test case 8.3.1.11 which is part of the RRC test suite. Only essential changes to the TTCN are applied and documented in section 4.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs (see section 6). Execution log files are provided as evidence.

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7	References	. 9

3 Verification Test Summary

Test Case:	TC_8_3_1_11
Test Group:	RRC/RRC_CellUpdate/
ATS Version:	iWD-TVB2002-03_D03wk24 + essential modifications
System Simulator used:	Rohde & Schwarz 3G system simulator CRTU-W
UE used:	Nokia 3G UE 6650
Verification Status:	PASS

4 Corrections required for test case 8.3.1.11

4.1 Introduction

This section describes the changes required to make test case 8.3.1.11 run correctly with a 3G UE. All modifications are marked with label "WA#BasicM<number>" for changes to the BasicM TTCN module and with label "WA#RRC<number>" for RRC related changes in the TTCN comments column of the enclosed ATS [1].

The ATS version used as basis was RRC_wk24.mp which is part of the iWD-TVB2002-03_D03wk24 release. This is the most recent ATS provided by MCC160 which contains GCF package 1 and 2 test cases.

The enclosed ATS [1] contains a number of additional changes (see list below) which are already fixed in the V3.21 release and are therefore not documented in this CR:

WA#BasicM4011, WA#BasicM4012, WA#BasicM4017, WA#BasicM4020, WA#RRC3059, WA#RRC3079, WA#RRC3080, WA#RRC3081, WA#RRC4022, WA#RRC4031.

For each correction the ETSI/MCC160 feedback and R&S conclusion on the TTCN implementation is documented. These changes were made by MCC160 in their V330a release and the test case passed in regression-tests.

4.2 cr_ActPDP_ContextReqMO (WA#BasicM4014)

Constraint name	cr_ActPDP_ContextReqMO
Reason for change	see Anritsu CR - T1S.030419 Sec. 2.2.5
Summary of change	The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoDCH for constraint definition
Source of change	new change
Label	WA#BasicM4014
ETSI comment	Accepted Shall be changed also in cr_ActPDP_ContextReqMO_Any, if possible.
R&S conclusion	Accepted

		PDU Constr	aint Decl	aration		
Correla and Marriet	or APPOP Certeithe	or AuPCP ContextReaMOp Representation Buildy Otherwee 16				
Group:						
PDO Name:	ACTIVATEPD/PCONTE	TREQUESTU				
Derivation Parts						
Encoding Fade Name	e					
Encoding Votations						
Comments:	Activate PDP Context P	wrawinit .				
	U8 - P R					
	30PF 24 000, 8.5.5 WW#Ealch4014					
	and an other states and the states of the	A resident of the second se		CT 100791700 70		
1. 100	Ad Mareno	Elenard Value	Type_	Connects		
1		Ct_T_Are	and Value			
aM_Protect/Classes	reator	tet_SMPD				
magType		10100000110				
tequested:/CAPI		IT_NDAPLY				
requested LC_SAP		IT_LLC_BAPLY		This has to be set to Not Assigned by UE in UNITS domain.		
En/Opetneupet		p_Requested0e6		The AT convenient interface will be used to set the GoG to this value.		
		ct_PidDataPtoteAddrWO_it (ps_PDP_IP_Addrive	1D			
pDP_Address		(CH)				
pDP_Addmin			¥7	The OODN logical name or the urbannal packat data redwork logical name		

4.3 cr_ActPDP_ContextReqFACH_MO (WA#RRC3050)

Constraint name Reason for change Summary of change	cr_ActPDP_ContextReqFACH_MO Anritsu CR - T1S.030427 Sec. 2.2.4 The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoFACH for constraint definition
Source of change Label	new change WA#RRC3050
ETSI comment	Agreed in principle This change is not applicable in principle for this test case, since cell_DCH is choosen as in preamble ts_RRC_InitVariables (cell_DCH). But to be inline with same structure used for DCH (cr_ActPDP_ContextReqMO), ETSI agrees in principle this shall be changed also in cr_ActPDP_ContextReqRspMO, if possible. In the latter, also other params should be checked, not simply be set to '*'.
R&S conclusion	Accepted

		PDU Constru	aint De-	aration
Constraint Normer	CE_ARPOP_Cardodhi	M_bimedOdescelocol GuardoDenie_M	2	
Group: POCI Name: Derivation Path	ACTIVATEPDPCONTE	UTREGUESTIA		
Encoding Pule Nanot Encoding Variation Conneerts	Activato PDP Cantot I us -> n 30PP 24 000, 0.5.1 powerstic 3050			
C Refe	(Name	Element Value	Тури	Constants
		ar_TLANY	10	
M_ProtocolDistrement	witor .	THE_EMPO		
nsg7ge		0188866118		
#######dh#SAP1		ir_NSAPLy		
		IV_LLC_SAPLY		This has to be set to Nat Assigned by UE in UNITS domain.
#Garrinol.LC_SAPI		at the other of the second sec		
		#_RequestedQog		The AT command interface will be used to set the Qoli to this value.
Rocketteduce				
egaestedLLC_SAFt egaestedGoG IDP_Address IDP_Address		a_RequestedGo9 or_P4DataProtoAdateM0_tv (px_PDP_IP_Addstress		

4.4 ts_RRC_SendRB_SetUpFACH_PS (WA#RRC3055)

Test step name	ts_RRC_SendRB_SetUpFACH_PS
Reason for change	In test step ts_RRC_SendRB_SetUpFACH_PS a delay is set to 300 ms before the RAB Setup Complete is expected. However, the RAB Setup Complete is received in less than 250 ms.
Summary of change	Remove ts_RRC_Delay
Source of change	new change
Label	WA#RRC3055

ETSI comment Accepted and will be done for v330.

		Test i	itep		
	Baskin ARC StopullAC A To arbid a HADIO BEARER / RRC_DUIT See TS 34.108 // 6.18.2.4.2.3	H_POLID_Careal INTEGER; p_HHB_Lis_DETSTIRM HB_DEVEN HB_FINCH_PS and to recordigure the SS according 11_21/sr develops and 6.10.2.4.4.1.1 for uprays, matched, because the complete configuration is a	•		
TW-	Label	Behaviour Description	Constraint Rot	Vordiet	Concents
1		+ N_HETTYPECKETH((A_CHER) AMITELO_AM_DATA_REO	reis_PDE_DatUpAM (trsColiCecticated, trsDD2, clob_108_PBE_SetUpEACH_PE(trsCellinations.dl_integrityChectod r/b, trsERAE_14, trsTrapColiEnto_PreformeColle, trsTrapColiEnto_cRUT) 20		
3	TOP	+ Is_RRC_NetworkRD_SelupCrop11p_Ce Ind_cell_FACH_PS1			

4.5 ts_CRLC_UL_CipherCfg_RAB (WA#RRC3073)

Test step name	ts_CRLC_UL_CipherCfg_RAB
Reason for change	see Anritsu CR T1S.030409, 2.2.12, the ciphering activation request and confirm steps are only needed when ciphering is enabled
Summary of change	see CR
Source of change	see CR
Label	WA#RRC3073
ETSI comment	Rejected. This change have been rised several times and it was always clarified, that the value of RB_ActivationTimeInfoList is needed for a SS to calculate the value independent of ciphering activated or not.
R&S conclusion	Accepted.

lest Stop Group Hoft Objective:	BasikM_Security_3 Contigues cipherio 85_Def				
and .	Label	Rehaviour Description	Constraint Ref	Vendict	Comments
0		[ps_cipteringOnOf]			
1		CPLC+CPLC_Centering_Altivate_REG	<pre>ca_CRLC_UL_CipherAdProg(tex_ CaliDedicated , p_CN_Domain, p_ _RS_AdProtonTimeInfoLtat)</pre>		ronfigure certaining for signaling radio bearans
2		CRLC 7 CRLC_Ciphening_Advalu_CNP	ck_CRLC_CipherActCrifter_CellD edicated)		
K		[NOT(pc_Camerag0x09)]			

4.6 ts_AT_SetQoS (WA#RRC4071)

Constraint name	ts_AT_SetQoS
Reason for change	The Qos service parameters, fails when the SS sends a PDP Activate Accept, the UE replies with Deactivate PDP meassage
Summary of change	Changed the AT command parameters.
Source of change	New change
Label	WA#RRC4071
ETSI comment	Not accepted. The Standard configuaration defined in 34.108, in cell FACH is only 32 kbps.
R&S conclusion	Not accepted.

If QOS specified in 34.108 is to be used, then the MIN QOS should be higher or equal to the REQ QOS.

le:

at+CGEQMIN=1,2,32,32,,1,320,"1E3","4E3",1,,3 at+CGEQREQ=1,2,32,32,,,1,320,"1E4","1E5",1,,3

Therefore MIN QOS should be changed in "ts_AT_OrgPS_Call"

QoS settings are currently being discussed in MCC160 and among SS and UE manufacturers. Test case should be approved without these QoS settings for an interim period, until a common agreement on the correct settings has been reached.

		Test S	tep		
Test Step I	id:	ts_AT_SetQoS			
Test Step G	coup Ref:	BasicM_UT_Steps/			
Objective:		This Step sets the QoS			
Defaults:		UT_OtherwiseFail			
Connents:		WA#BasicH4020 (closed) WA#RRC4071			
Nr	Label.	Rebenden: Description	Constraint Ref	Verdict	Conneats
nc	Laber	Behaviour Description	CONSCIDENT NET	veraitet	Contents
5		[pc_Interactive AND (px_R			
		RC_PS_ServTested = ps_Interac			
		tive)]			
6		(tov_AT_Cmd := ("AT+CGEQREQ			WAFREC4071
		=1,2,64,64,,,1,320,""1E3"",""			
		6E8"",1,,3 <cr>"))</cr>			
7		[pc_Background AND (px_RR			
		C_PS_ServTested = ps_Backgrou			
		nd)]			
8		(tcv_AT_Cmd := ("AT+CGEOREQ			WA#RRC4071
		=1,3,64,64,,,1,320,""1E3"",""			
		6E8"",1,, <cr>")]</cr>			

4.7 cr_QoS_InteractiveOrBackgroundMO_CellFACH_Iv (WA#RRC3051)

Constraint name	cr_QoS_InteractiveOrBackgroundMO_CellFACH_Iv
Reason for change	The Qos service parameters, fails when the SS sends a PDP Activate Accept, the UE replies with Deactivate PDP meassage
Summary of change	cr_QoS_InteractiveOrBackgroundMO_CellFACH_Iv and changed some values inside
Source of change	New change
Label	WA#RRC3051
ETSI comment	Not accepted. The Standard configuaration defined in 34.108, in cell FACH is only 32 kbps.
R&S conclusion	OK, if MIN QOS is changed in "ts_AT_OrgPS_Call"
	QoS settings are currently being discussed in MCC160 and among SS and UE manufacturers. Test case should be approved without these QoS settings for an interim period, until a common agreement on the correct settings has been reached.

	Structured Type Cons	and the second second			
Constraint Name:	cr_Qo3_InteractiveOrBackgroundNO_Cel	lFACH_lv (p_dlyClass ,p_t	rafficClass : B3)		
Group :					
Type Name:	QualityOfService_lv				
Derivation Path:					
Encoding Variation:					
Connents:	The QoS for interactive RAB at 64kbp	s uplink as well as down 1	ink, sent to the UE		
	WA#RRC3051				
		u.	1		
Element Hame	Element Value	Type Encoding	Connents		
length	'0B'0				
spare	'00'B				
dlyClass	p_dlyClass				
relabilityClass	'100'B		Acknowledge Mode of RL		
peakThroughput	*0100'B		64 kbps		
sparel	*0*B				
precedenceClass	'000'B		Subscribed class		
spare2	'000'B				
meanThroughput	'11111'B		best effort		
trafficClass	p_trafficClass		Interactive		
deliveryOrder	'01'B		With delivery order		
deliveryErrorSDU	.010.B		Erroneous SDUs are del vered		
max5DU3ize	'20'0		320 bits		
maxBitRateUplink	14010		64 kbps		
maxBitRateDnlink	140.0		64 kbps		
residualBER	'1001'B		6 x 10E (-8)		
sduErrRatio	'0011'B		1 X 10 E(-3)		
transDly	2		Transfer delay will be		
cramaniA	2		neglected in case of i		
			teractive or backgroun		
			. Hence the value is a		
trafficHandpro	'11'B		t to spare This is set to 3, but		
trarrichandpro	- 11 · B		as to be neglected by		
			he UE as the traffic o		
			ass is interactive.		
hit to at all hit is a	2		The gaugented bit rate		
bitRateUplink	7				
			is set equal to reques		
bitRateDnlink			ed bit rate.		
DICKSCEDDIINK	2		This will be neglected by UE as the class is		

4.8 cs_QoS_InteractiveOrBackgroundMT_CellFACH_lv (WA#RRC3068)

Constraint name	cr_QoS_InteractiveOrBackgroundMT_CellFACH_Iv
Reason for change	The Qos service parameters, fails when the SS sends a PDP Activate Accept, the UE replies with Deactivate PDP meassage
Summary of change	cr_QoS_InteractiveOrBackgroundMT_CellFACH_Iv and changed some values inside
Source of change	New change
Label	WA#RRC3068
ETSI comment	Not accepted. The Standard configuaration defined in 34.108, in cell FACH is only 32 kbps.
R&S conclusion	OK, if MIN QOS is changed in "ts_AT_OrgPS_Call"
	QoS settings are currently being discussed in MCC160 and among SS and UE manufacturers. Test case should be approved without these QoS settings for an interim period, until a common agreement on the correct

settings has been reached.

	Structured Type Constraint Declaration
Constraint Name:	cs_QoS_InteractiveOrBackgroundMT_CellFACH_iv (p_trafficClass : B3 ; p_dlyClass : B3)
Group:	
Type Name:	QualityOfService_lv
Derivation Path:	
Encoding Variation:	
Comments:	The QoS for interactive RAB at 32kbps uplink as well as down link, sent to the UE.
	This is set same as the one received by the nw
	NAMBRC3068

Element Name	Element Value	Type Encoding	Connents
length	'0B'0		
spare	'00'B		
dlyClass	p_dlyClass		
relabilityClass	'011'B		Unacknowledged GTP, LLC , and Acknowledged RLC: Proected Data
peakThroughput	'0110'B		32 kbps
sparel	'0'B		
precedenceClass	'000'B		Subscribed class
spare2	'000'B		
meanThroughput	'111111'B		best effort
trafficClass	p_trafficClass		
delivery0rder	'01'B		
deliveryErrorSDU	'010'B		
maxSDUSize	20.0		
maxBitRateUplink	'40'0		64 kbps
maxBitRateDnlink	'40'0		64 kbps
residualBER	'1001'B		6 x 10E (-8)
sduErrRatio	'0011'B		1 X 10 E(-3)
transDly	.111111.B		Transfer delay will be neglected in case of in teractive or background . Hence the value is set t to spare
trafficHandpro	'11'B		This is set to 3, but h as to be neglected by t he UE as the traffic cl ass is interactive.
bitRateUplink	00.0		The gaurented bit rate is set equal to request ed bit rate.
bitRateDnlink	.00.0		This will be neglected by UE as the class is interactive

4.9 t_Guard (WA#RRC4108)

Timer name	t_Guard
Reason for change	Default value for t_Guard is not enough to perform the execution
Summary of change	t_Guard value changed from 300 s (default value) to 3600 s.
Source of change	new change
Label	WA#RRC4108
ETSI comment	Accepted

R&S conclusion

				Test Case		
Tes	t Case lo	#:	tc_8_3_1_11			
Tes	t Group F	Reference:	RRC/RRC_CellUpdate/			
Pur	pose:		1. To confirm that the UE repeats the tra	nsmission of CELL UPDATE message after failing to	receiv	/e any response from the SS before T302 timer expires.
Cor	nfiguratio	n:				
Def	aults:		RRC_Def1			
Cor	nments:					
Nr	Label		Behaviour Description	Constraint Ref	V	Comments
1		START t Guard (3600)				WA#RRC4108
2		[px_RAT=	fdd]			FDD specific behaviour
3		+ts_RRC	C_InitVariablesPS (cell_FACH)			
4		+pr_GotoState6_11_MO(tsc_CellA)				Goto 6-11 Stateon Cell A Step 1
5	TBS	(tcv_Tes	stBody:=TRUE)			
6		+It_TestBody				
7		+ ts_C	2_CheckCellFACH (tsc_CellA)			
8	TBE	(tov_T	estBody:=FALSE)			
9		+po_	ConnectionAndSS_Rel(tsc_CelIA)			
10	ERR1	[px_RAT=	tdd]		1	TDD specific behaviour
11	ERR2	[TRUE]			1	

4.10 Timer tolerance problems (no WA #)

OK

There were problems in the timer tolernance for the received cell update message found in V330a.

Changed the following in tc_8_3_1_11 Line 21

from

to

+ts_RRC_ReceiveCellUpdate(tsc_CellA, cbr_108_CellUpdate (tcv_CellInfoA.uRNTI, periodicalCellUpdate),4400)

This was reported to MCC160 and accepted.

5 Branches executed in test case 8.3.1.11

The test case implementation were executed with Integrity activated and Ciphering disabled.

6 Execution Log Files

6.1 Nokia 3G UE 6650

The Nokia 3G UE 6650 passed this test case on Rohde & Schwarz 3G System Simulator CRTU-W. The documentation below is enclosed as evidence of the successful test case run [1]:

• Execution log files 8_3_1_11-Logs\PS\Index.html

This execution log files in HTML format show the dynamic behaviour of the test in a tabular view and in message sequence chart (MSC) view. All message contents are fully decoded and listed in hexadecimal format. Preliminary verdicts and the final test case verdict are listed in the log file.

• **PICS/PIXIT file 8_3_1_11-PS-pics-pixit.txt** Text file containing all PICS/PIXIT parameters used for CS/PS testing.

7 References

[1] T1-031125

This archive comprises HTML Execution log files, PICS/PIXIT files and the TTCN MP file

		CHANGE	REQ	UEST	-		CR-Form-v7
^អ TS	<mark>34.123-3</mark>	CR 031300	ж rev	- X	Current vers	^{ion:} 3.2.1	ж
For <u>HELP</u> or	n using this fo	rm, see bottom of this	s page or	look at th	e pop-up text	over the ೫ sy	mbols.
Proposed chang	ge affects:	UICC apps#	ME	Radio A	ccess Networ	k Core Ne	etwork
Title:	X Addition o	f RRC test case 8.2.6	6.8 to RRC	CATS V3	.2.1		
Source:	<mark>ቼ T1</mark>						
Work item code:	:				<i>Date:</i> ೫	15/09/03	
Category:	F (cor A (cor B (ad C (fur D (ed Detailed ex	the following categories rection) rresponds to a correction dition of feature), actional modification of in itorial modification) planations of the above 3GPP <u>TR 21.900</u> .	on in an ear feature)		2 R96 R97 R98 R99 Rel-4	R99 (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5) (Release 6)	
Reason for char	nge:	ld verified GCF packa	age 2 RRO	C test cas	se 8.2.6.8 to th	e approved R	RC ATS

Summary of change: भ	This document lists all changes applied to test case 8.2.6.8 required for approval.
	This CR is a revision of T1-031116 and includes ETSI/MCC160 feedback and R&S conclusions on their comments and corrections made in the ETSI/MCC160 TTCN V330a implementation.
Consequences if भ not approved:	Test case will not be added to ATS

Clauses affected:	ж	N/A			
Other specs affected:	ж Т	YN X X X	Other core specifications Test specifications O&M Specifications	ж	
Other comments:	Ħ				

How to create CRs using this form: Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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 TSG- T1 Meeting #21 Budapest, Hungary, 3rd – 7th November 2003

Title:	Changes to test case 8.2.6.8 required for approval
Source:	Rohde & Schwarz
Agenda Item:	TTCN Issues
Document for:	Approval
Contact:	Thomas Moosburger thomas.moosburger@rsd.rohde-schwarz.com Tel. +49 89 4129 11731

1 Overview

This document lists all the changes needed to correct problems in the TTCN implementation of test case 8.2.6.8 which is part of the RRC test suite. Only essential changes to the TTCN are applied and documented in section 4.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs (see section 6). Execution log files are provided as evidence.

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3 Verification Test Summary

Test Case:	TC_8_2_6_8
Test Group:	RRC/RRC_PhyCh_Reconf/
ATS Version:	iWD-TVB2002-03_D03wk24 + essential modifications
System Simulator used:	Rohde & Schwarz 3G system simulator CRTU-W
UE used:	Nokia 3G UE 6650
Verification Status:	PASS

4 Corrections required for test case 8.2.6.8

4.1 Introduction

This section describes the changes required to make test case 8.2.6.8 run correctly with a 3G UE. All modifications are marked with label "WA#BasicM<number>" for changes to the BasicM TTCN module and with label "WA#RRC<number>" for RRC related changes in the TTCN comments column of the enclosed ATS [1].

The ATS version used as basis was RRC_wk24.mp which is part of the iWD-TVB2002-03_D03wk24 release. This is the most recent ATS provided by MCC160 which contains GCF package 1 and 2 test cases.

The enclosed ATS [1] contains a number of additional changes (see list below) which are already fixed in the V3.21 release and are therefore not documented in this CR:

WA#BasicM4011, WA#BasicM4012, WA#BasicM4017, WA#BasicM4020, WA#RRC3059, WA#RRC3079, WA#RRC3080, WA#RRC3081, WA#RRC3087, WA#RRC4022, WA#RRC4031, WA#RRC4041, WA#RRC4055, WA#RRC3051, WA#RRC3068

For each correction the ETSI/MCC160 feedback and R&S conclusion on the TTCN implementation is documented. These changes were made by MCC160 in their V330a release and the test case passed in regression-tests.

4.2 cr_ActPDP_ContextReqMO (WA#BasicM4014)

Constraint name	cr_ActPDP_ContextReqMO
Reason for change	see Anritsu CR - T1S.030419 Sec. 2.2.5
Summary of change	The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoDCH for constraint definition
Source of change	new change
Label	WA#BasicM4014
ETSI comment	Accepted Shall be changed also in cr_ActPDP_ContextReqMO_Any, if possible.
R&S conclusion	Accepted

		PDU Constr	aint Decl	aration			
Correla and Marriet	Minimal Norman or AcIPCP ContextRepMOD RegarsterGold Sauth/Officeres In						
Group							
PDO Name:	ACTIVATEPD/PCONTE	activiterprovintertiteguestu					
Derivation Parts							
Encoding Fade Name	e						
Encoding Votations							
Comments:	Activate PDP Context P	wrawinit .					
	U8 - P R						
	30PF 24 000, 8.5.5 WW#Ealch4014						
	and an other states and the states of the	A resident of the second se		CT 100791700 70			
1. 100	Ad Mareno	Elenard Value	Type_	Connects			
1		Ct_T_Are	and Value				
aM_ProtocolClasses	reator	tet_SMPD					
magType		10100000110					
tequested://LAPI		IT_NDAPLY					
requested_LC_SAF		IT_LLC_BAPLY		This has to be set to Not Assigned by UE in UNITS domain.			
in a second s		p_Requested0e6		The AT command interface will be used to set the GoG to the value.			
pDP_Addwox		ct_PidDataPtoteAddrWO_it (ps_PDP_IP_Addrive	1D				
Statistics of the		(CH)					
pDP_Addmin			¥7	The OODN logical name or the urbannal packat data redwork logical name			

4.3 cr_ActPDP_ContextReqFACH_MO (WA#RRC3050)

Constraint name Reason for change Summary of change	cr_ActPDP_ContextReqFACH_MO Anritsu CR - T1S.030427 Sec. 2.2.4 The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoFACH for constraint definition
Source of change Label	new change WA#RRC3050
ETSI comment	Agreed in principle This change is not applicable in principle for this test case, since cell_DCH is choosen as in preamble ts_RRC_InitVariables (cell_DCH). But to be inline with same structure used for DCH (cr_ActPDP_ContextReqMO), ETSI agrees in principle this shall be changed also in cr_ActPDP_ContextReqRspMO, if possible. In the latter, also other params should be checked, not simply be set to '*'.
R&S conclusion	Accepted

		PDU Constru	aint De-	aration						
Constraint Normer	CE_ARPOP_Cardodhi	M_bimedOdescelocol GuardoDenie_M	2							
Group: POCI Name: Derivation Path		TRATEPOPCONTEXTREQUESTIA								
Encoding Pule Nanot Encoding Variation Conneerts	Activato PDP Cantot I us -> n 30PP 24 000, 0.5.1 powerstc3050									
Field Harse		Element Value	Тури	Constants						
		ar_TLANY	10							
M_ProtocolDistrement	witor .	THE_EMPO								
nsg7ge		018886018								
#######dh#SAP1		ir_NSAPLy								
requested, LC_SAPI		IF LLC_SAPLY		This has to be set to hist Assigned by UE in UMTS domain						
#Garrinol.LC_SAPI		at the other of the test								
		#_RequestedQog		The AT command interface will be used to set the Qoli to this value.						
Rocketteduce										
egaestedLLC_SAFt egaestedGoG (DP_Address scroos/PFierre		a_RequestedQo9 or_P4DataProtoAdateM0_tv (px_PDP_IP_Addstress								

4.4 ts_RRC_SendRB_SetUpFACH_PS (WA#RRC3055)

Test step name	ts_RRC_SendRB_SetUpFACH_PS
Reason for change	In test step ts_RRC_SendRB_SetUpFACH_PS a delay is set to 300 ms before the RAB Setup Complete is expected. However, the RAB Setup Complete is received in less than 250 ms.
Summary of change	Remove ts_RRC_Delay
Source of change	new change
Label	WA#RRC3055

ETSI comment Accepted and will be done for v330.

		Test i	itep		
Test Stop Group Hoft Olipic live Dofaultsi Commentsi	Baskin ARC_StopullAC_A To astap a HADIC BEARER is RRC_Dutt See TS 34,108 is 6,18,2,4,3,2	H_POCB_Called INTEGER; p_HMB_la_BPTSTHM HB_DEbox IT_FINCH_PS and to reconfigure the SS according 1.2 for downline and 6.10.2.4.4.1.1 for uprave matched, because the complete configuration is a	•		
TN.	Land	Behaviour Description	Constraint Rot	Vordiet	Comments
1		+ %_ReffreeContents (a_Contes) An (mLC_AN_DATA_nEO	tesi_PRE_DatDaAM (trsCellCeckrated, trr_PRD, tes_CellCeckrated, trr_PRD, tes_CellCeckrated, tes_C		
3	TOP	+ ts_RRC_NetworRD_SetupOmpl (p_Ce Idd, cell FACH, PS)			

4.5 ts_CRLC_UL_CipherCfg_RAB (WA#RRC3073)

Test step name	ts_CRLC_UL_CipherCfg_RAB
Reason for change	see Anritsu CR T1S.030409, 2.2.12, the ciphering activation request and confirm steps are only needed when ciphering is enabled
Summary of change	see CR
Source of change	see CR
Label	WA#RRC3073
ETSI comment	Rejected. This change have been rised several times and it was always clarified, that the value of RB_ActivationTimeInfoList is needed for a SS to calculate the value independent of ciphering activated or not.
R&S conclusion	Accepted.
	Test Step

Test Stop Group Roft	Test stop Scill_CA_CasterCh_ReB (p_Ch_Deman: Ch_DemanderOh; p_PB_AdvalonTimetrOList_RB_AdvalonTimetrOList) Beack_Stockth_Stop Configure optioning for RLC laws 85_DV Configure centering for RLC laws 85_DV CCC is enfigured with cellst 1 (tor_CelDedicate), VMIRPRC3073								
and .	Label	Rehaviour Description	Constraint Ref	Vendict	Comments				
		(w_citeringOnOf) CRLcrcRLc_Centering_Altivate_REG	(a_CRLC_UL_Clamavk@rog (tix_ CaliDedicated, p_CN_Domain, p _R5_ActivationTrantitical)		r ordgove classeng for signaling radio bearers				
		CRLC 1 CRLC_Clehenig_Advide_CNP	ck_CRLC_CipherActOriftst_CellD edicated)						
0		[NOT(pc_Camerag0x07)]							

4.6 cbs_108_CellUpdateCnfCCCH (WA#RRC3105)

Constraint name	cbs_108_CellUpdateCnfCCCH
Reason for change	In constraint cbs_108_CellUpdateCnfCCCH, the parameter p_U_RNTI is used twice, as a 2 nd parameter and 4 th parameter. This amibguity causes coding problems.
Summary of change	Renamed the 2 nd paramter parameter in constraint cbs_108_CellUpdateCnfCCCH from p_U_RNTI to p_U_RNTIold
Source of change	new change
Label	WA#RRC3105
ETSI comment	Accepted
R&S conclusion	OK, but this change is not implemented in V330 ATS.

In tc_8_2_6_8 line 17 changed the following value

from

cas_RRC_CellUpdateCnfCCCH(tsc_CellA,tsc_RB1,cbs_108_CellUpdateCnfCCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_CellInfoA.uRNTI,tcv_RRC_Ti,tcv_CellInfoA.uRNTI, tsc_New_CRNTI2, cell_FACH, OMIT, OMIT, OMIT, OMIT))

to

cas_RRC_CellUpdateCnfCCCH(tsc_CellA, tsc_RB0, cbs_108_CellUpdateCnfCCCH (tcv_CellIndInfo.dl_IntegrityCheckInfo, tcv_CellInfoA.uRNTI,tcv_RRC_Ti,tcv_CellInfoA.uRNTI, tsc_New_CRNTI2, cell_FACH, OMIT, OMIT, OMIT, OMIT))

Test case passed then. MCC160 to make this change in their phase 2 implementation.

Consite aint Marries	
	IIIIs_108_CaRUpdateCstOCCH(p_integrityChediate): integrityCheckinty, p_U_RNTLisH_U_RNT, p_URVT_transactionIdentifier, s_UU_ChannelRequirement: UL_ChannelRequirement, s_DL_Commoninformation: DL_Commoninformation; s_DL_informationPerRL_List: DL_informationPerR_List s_DRC_CalleLangthCoeff UTRAN_DRX_CalleLangthCoefficient
Distant.	
KKI Name:	DL_CCCH_Message
Pertention Palls	
Incoding Sale Name	
Incoding Variation:	
Commonts:	VowBRC3t05
101762-01-01-A	Construct Value
rrc_Transaction lde integrityProtection utpheringMadeinfo activationTime OM new_U_RhTig_U new_C_RhTig_C ric_Statendicator	Modelnio OMIT, Coult, J. Rivit J. _RIVIT J.

5 Branches executed in test case 8.2.6.8

The test case was executed in PS mode with Integrity activated and Ciphering disabled.

6 Execution Log Files

6.1 Nokia 3G UE 6650

The Nokia 3G UE 6650 passed this test case on the Rohde & Schwarz 3G System Simulator CRTU-W. The documentation below is enclosed as evidence of the successful test case run [1]:

- Execution log files 8_2_6_8-Logs\PS\Index.html Execution log files in HTML format showing the dynamic behaviour of the test in a tabular view and in message sequence chart (MSC) view. All message contents are fully decoded and listed in hexadecimal format. Preliminary verdicts and the final test case verdict are listed in the log file.
- **PICS/PIXIT file 8_2_6_8-PS-pics-pixit.txt** Text file containing all PICS/PIXIT parameters used for PS testing.

7 References

[1] T1-031117

This archive comprises HTML Execution log files, PICS/PIXIT files and the TTCN MP file

															CR-Form-v7
				C	CHANG	E RE	QL	JE	ST						
æ	TS	<mark>34.1</mark>	<mark>23-3</mark>	CR	031301	жre	v	-	ж	Curr	ent ve	rsion:	3.2	2.1	Ħ
For <mark>HE</mark>	ELP on	using	this for	m, see	bottom of th	nis page	e or lo	ok a	at th	e pop	-up tex	kt ove	r the 🕯	€ syn	nbols.
Proposed	l change	e affec	e ts: l	JICC a	ррѕж	ME	:	Rad	lio A	ccess	Netw	ork	Со	re Ne	twork
Title:		₩ <mark>Add</mark>	ition of	RRC t	est case 8.4	.1.16 to	RRC	CAT	SV	3.2.1					
Source:	:	₩ <mark>T1</mark>													
Work iten	n code:	₩ <mark>N/A</mark>								L	Date:	₩ <mark>15</mark>	/09/03	3	
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Reason fo	or chan	де: Ж	To ad V3.2.1		ed GCF pac	kage 2	RRC	test	cas	e 8.4.	.1.16 t	o the a	approv	ved R	RC ATS
Summary	of chai	nge: Ж	This d appro		ent lists all ch	nanges	applie	ed to	o tes	t case	e 8.4.1	.16 re	quirea	d for	

This CR is a revision of T1-031170 and includes ETSI/MCC160 feedback and R&S conclusions on their comments and corrections made in the ETSI/MCC160 TTCN V330a implementation.

Consequences if **#** Test case will not be added to ATS not approved:

Clauses affected:	ቼ N/A
	YN
Other specs	
affected:	X Test specifications X O&M Specifications
Other comments:	ж

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. 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 <u>ftp://ftp.3gpp.org/specs/</u> 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 TSG-T1 Meeting #21 Budapest, Hungary, 03 - 07 November 2003

Title:	Changes to test case 8.4.1.16 required for approval
Source:	Rohde & Schwarz
Agenda Item:	TTCN Issues
Document for:	Approval
Contact:	Thomas Moosburger thomas.moosburger@rsd.rohde-schwarz.com Tel. +49 89 4129 11731

1 Overview

This document lists all the changes needed to correct problems in the TTCN implementation of test case 8.4.1.16 which is part of the RRC test suite. Only essential changes to the TTCN are applied and documented in section 4.

With these changes applied the test case can be demonstrated to run with one or more 3G UEs (see section 6). Execution log files are provided as evidence.

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3 Verification Test Summary

Test Case:	TC_8_4_1_16
Test Group:	RRC/RRC_Measurements/
ATS Version:	iWD-TVB2002-03_D03wk24 + essential modifications
System Simulator used:	Rohde & Schwarz 3G system simulator CRTU-W
UE used:	Nokia 3G UE 6650
Verification Status:	PASS

4 Corrections required for test case 8.4.1.16

4.1 Introduction

This section describes the changes required to make test case 8.4.1.16 run correctly with a 3G UE. All modifications are marked with label "WA#BasicM<number>" for changes to the BasicM TTCN module and with label "WA#RRC<number>" for RRC related changes in the TTCN comments column of the enclosed ATS [1].

The ATS version used as basis was RRC_wk24.mp which is part of the iWD-TVB2002-03_D03wk24 release. This is the most recent ATS provided by MCC160 which contains GCF package 1 and 2 test cases.

The enclosed ATS [1] contains a number of additional changes (see list below) which are already fixed in the V3.21 release and are therefore not documented in this CR:

WA#BasicM4011, WA#BasicM4012, WA#BasicM4017, WA#BasicM4020, WA#RRC3059, WA#RRC3079, WA#RRC3080, WA#RRC3081, WA#RRC4022, WA#RRC4031.

For each correction the ETSI/MCC160 feedback and R&S conclusion on the TTCN implementation is documented. These changes were made by MCC160 in their V330a release and the test case passed in regression-tests.

4.2 cr_ActPDP_ContextReqMO (WA#BasicM4014)

Constraint name	cr_ActPDP_ContextReqMO
Reason for change	see Anritsu CR - T1S.030419 Sec. 2.2.5
Summary of change	The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoDCH for constraint definition
Source of change	new change
Label	WA#BasicM4014
ETSI comment	Accepted Shall be changed also in cr_ActPDP_ContextReqMO_Any, if possible.
R&S conclusion	Accepted

		PDU Constr	aint Decl	aration		
Correla and Marriet	or APPOP Certeithe	MOD_Research Cooksected (Cooksected Cooksected Cooksect				
Group:						
PDO Name:	ACTIVATEPD/PCONTE	ICTINITE/DPCONTEXTREQUEST/J				
Derivation Parts						
Encoding Fade Name	e					
Encoding Votations						
Comments:	Activate PDP Context P	wawit				
	U8 - P R					
	30PF 24 000, 8.5.5 WW#Ealch4014					
	and an other states and the states of the	A resident of the second se		CT 100791700 70		
1. 100	Ad Mareno	Elenserd Value	Type_	Connects		
1		Ct_T_Are	and Value			
aM_ProtocolClasses	reator	tet_SMPD				
magType		10100000110				
tequested://LAPI		IT_NDAPLY				
requested LC_SAP		IT_LLC_BAPLY		This has to be set to Not Assigned by UE in UNITS domain.		
En/Opetheupet		p_Requested0e6		The AT convenient interface will be used to set the GoG to this value.		
		ct_PktDataPtoteAddrWO_it (ps_PDP_IP_Addrive	1D			
pDP_Address		(CH)				
pDP_Addmin			¥7	The OODN logical name or the urbannal packat data redwork logical name		

4.3 cr_ActPDP_ContextReqFACH_MO (WA#RRC3050)

Constraint name Reason for change Summary of change	cr_ActPDP_ContextReqFACH_MO Anritsu CR - T1S.030427 Sec. 2.2.4 The MCC160 implementation in V3.21 uses a question mark ('?') for field pDP_Address; the proposed solution is more strict by using the PICS/PIXIT parameter px_PDP_IP_AddrInfoFACH for constraint definition
Source of change Label	new change WA#RRC3050
ETSI comment	Agreed in principle This change is not applicable in principle for this test case, since cell_DCH is choosen as in preamble ts_RRC_InitVariables (cell_DCH). But to be inline with same structure used for DCH (cr_ActPDP_ContextReqMO), ETSI agrees in principle this shall be changed also in cr_ActPDP_ContextReqRspMO, if possible. In the latter, also other params should be checked, not simply be set to '*'.
R&S conclusion	Accepted

		PDU Constru	aint De-	aration
Constraint Normer	CE_ARPOP_Cardodhi	M_bimedOdescelocol GuardoDenie_M	2	
Group: POCI Name: Derivation Path	ACTIVATEPDPCONTE	UTREGUESTIA		
Encoding Pule Nanot Encoding Variation Conneerts	Activato PDP Cantot I us -> n 30PP 24 000, 0.5.1 powerstc3050			
C Refe	(Name	Element Value	Тури	Constants
		ar_TLANY	10	
M_ProtocolDistrement	witor .	THE_EMPO		
nsg7ge		0188866118		
#######dh#SAP1		ir_NSAPLy		
requested, LC_SAPI		IV_LLC_SAPLY		This has to be set to Nat Assigned by UE in UNITS domain.
#Garrinol.LC_SAPI		at the other of the test		
		#_RequestedQog		The AT command interface will be used to set the Qoli to this value.
Rocketteduce				
egaestedLLC_SAFt egaestedGoG (DP_Address scroos/PFierre		a_RequestedQo9 or_P4DataProtoAdateM0_tv (px_PDP_IP_Addstress		

4.4 ts_RRC_SendRB_SetUpFACH_PS (WA#RRC3055)

Test step name	ts_RRC_SendRB_SetUpFACH_PS
Reason for change	In test step ts_RRC_SendRB_SetUpFACH_PS a delay is set to 300 ms before the RAB Setup Complete is expected. However, the RAB Setup Complete is received in less than 250 ms.
Summary of change	Remove ts_RRC_Delay
Source of change	new change
Label	WA#RRC3055

ETSI comment Accepted and will be done for v330.

		Test	itep		
Test Step Group Hoft Objective Defaultsi Commentsi	Baskin, ARC, StopullAC, A To airtup a HADio BEARER x RRC_Duff See TS 34,108 xl 6,18,2,4,2,3	H_POLI_Callst PUTCOERC p_HAB_lst_ETTSTHEN RE_REPORT ST_FACH_PS and to recordigate the SS according 21 2 for Bowellers and 6:10.2.4.4.1.1 for uptime meeted, because the complete configuration is a	N		
THE .	Land	Bohaviour Description	Constraint Rot	Vordiet	Concents
1		+ fo_BeffrepCedieto (a_Cedia) Am Frilo_AM_DATA_REO	Tail_PRE_SalDaAM (tra_ColDeckrated, trr_PRD2, (bo_108,PRE_SolUpFACH_PR) (trv_Celledints.d].triugrityCheckd rdb, trv_TrepCallinto.hepsenoyinto, a_RRAD_14, trv_TrepCollinto.pettorreColle, trv_TrepCollinto.cRivII) %		
3	TOP	+ Is_RRC_NetworkB_SelupCoop((p_Ce No., cel_FACH_PG)			

4.5 ts_AT_SetQoS (WA#RRC4071)

Constraint name	ts_AT_SetQoS
Reason for change	The Qos service parameters, fails when the SS sends a PDP Activate Accept, the UE replies with Deactivate PDP meassage
Summary of change	Changed the AT command parameters.
Source of change	New change
Label	WA#RRC4071
ETSI comment	Not accepted. The Standard configuaration defined in 34.108, in cell FACH is only 32 kbps.
R&S conclusion	Not accepted.
	If QOS specified in 34.108 is to be used, then the MIN QOS should be higher or equal to the REQ QOS.
	le:
	at+CGEQMIN=1,2, <mark>32,32</mark> ,,,1,320,"1E3","4E3",1,,3 at+CGEQREQ=1,2,32,32,,,1,320,"1E4","1E5",1,,3
	Therefore MINI OOS should be shanged in "to AT OraDS Call"

Therefore MIN QOS should be changed in "ts_AT_OrgPS_Call"

QoS settings are currently being discussed in MCC160 and among SS and UE manufacturers. Test case should be approved without these QoS settings for an interim period, until a common agreement on the correct settings has been reached.

		Test Step
Test Step I	d:	ts_AT_SetQoS
Test Step G	coup Ref:	BasicM_UT_Steps/
Objective:		This Step sets the QoS
Defaults:		UT_OtherwiseFail
Connents:		WA#BasicM4020 (closed) WA#RRC4071
Rr	Label	Behaviour Description Constraint Ref Verdict Comments
5		<pre>[po_Interactive AND (px_R RC_PS_ServTested = ps_Interac tive)]</pre>
6		(tov_AT_Cmd := ("AT+CGEQREQ =1,2,64,64,,1,320,""1E3"","" 6E8"",1,,3 <cr>"))</cr>
7		<pre>[pc_Background AND (px_RR C_PS_ServTested = ps_Backgrou nd)]</pre>
8		(tcv_AT_Cmd := ("AT+CGEQREQ =1,3,64,64,,,1,320,""1E3"","" 6E8"",1,, <ce>")]</ce>

4.6 cr_QoS_InteractiveOrBackgroundMO_CellFACH_Iv (WA#RRC3051)

Constraint name	cr_QoS_InteractiveOrBackgroundMO_CellFACH_lv
Reason for change	The Qos service parameters, fails when the SS sends a PDP Activate Accept, the UE replies with Deactivate PDP meassage
Summary of change	cr_QoS_InteractiveOrBackgroundMO_CellFACH_Iv and changed some values inside
Source of change	New change
Label	WA#RRC3051
ETSI comment	Not accepted. The Standard configuaration defined in 34.108, in cell FACH is only 32 kbps.
R&S conclusion	OK, if MIN QOS is changed in "ts_AT_OrgPS_Call"
	QoS settings are currently being discussed in MCC160 and among SS and UE manufacturers. Test case should be approved without these QoS settings for an interim period, until a common agreement on the correct settings has been reached.

	Structured Type Const	CENTRE PRESENTATION	
Constraint Name:	cr_QoS_InteractiveOrBackgroundNO_Cel:	1FACH_lv (p_dlyClass ,p_t	rafficClass : B3)
Group:			
Type Hame:	QualityOfService_lv		
Derivation Path:			
Encoding Variation:			
Connents:	The QoS for interactive RAB at 64kbps	s uplink as well as down 1	ink, sent to the UE
	MA#RRC3051		
	1	I.	4
Element Hame		Type Encoding	Connents
length	'0B'0		
spare	'00'B		
dlyClass	p_dlyClass		
relabilityClass	'100'B		Acknowledge Node of RL
peakThroughput	'0100'B		64 kbps
sparel	'0'B		
precedenceClass	'000'B		Subscribed class
spare2	'000'B		
meanThroughput	'11111'B		best effort
trafficClass	p_trafficClass		Interactive
deliveryOrder	'01'B		With delivery order
deliveryError3DU	'010'B		Erroneous SDUs are del
			vered
max5DUSize	20'0		320 bits
maxBitRateUplink	'40'0		64 kbps
maxBitRateDnlink	'40'0		64 kbps
residualBER	'1001'B		6 x 10E (-8)
sduErrRatio	'0011'B		1 X 10 E(-3)
transDly	2		Transfer delay will be
			neglected in case of i
			teractive or backgroun
			. Hence the value is a
			t to spare
trafficHandpro	'11'B		This is set to 3, but
			as to be neglected by
			he UE as the traffic o
			ass is interactive.
bitRateUplink	2		The gaurented bit rate
			is set equal to reques
			ed bit rate.
bitRateDnlink	2		This will be neglected
A REAL ADDRESS AND A REAL ADDRE	1		by UE as the class is
			DY UD GD UNC VAGOO 10

4.7 cs_QoS_InteractiveOrBackgroundMT_CellFACH_Iv (WA#RRC3068)

Constraint name	cr_QoS_InteractiveOrBackgroundMT_CellFACH_lv
Reason for change	The Qos service parameters, fails when the SS sends a PDP Activate Accept, the UE replies with Deactivate PDP meassage
Summary of change	cr_QoS_InteractiveOrBackgroundMT_CellFACH_lv and changed some values inside
Source of change	New change
Label	WA#RRC3068
ETSI comment	Not accepted. The Standard configuaration defined in 34.108, in cell FACH is only 32 kbps.
R&S conclusion	OK, if MIN QOS is changed in "ts_AT_OrgPS_Call"
	QoS settings are currently being discussed in MCC160 and among SS and UE manufacturers. Test case should be approved without these QoS settings for an interim period, until a common agreement on the correct settings has been reached.

	Structured Type Constraint Declaration
Constraint Name:	cs_QoS_InteractiveOrBackgroundMT_CellFACH_lv (p_trafficClass : B3 ; p_dlyClass : B3)
Group:	
Type Name:	QualityOfService_1v
Derivation Path:	
Encoding Variation:	
Comments:	The QoS for interactive RAB at 32kbps uplink as well as down link, sent to the UE. This is set same as the one received by the nw WA#REC3068

Element Name	Element Value	Type Encoding	Connents
length	'0B'0		
spare	'00'B		
dlyClass	p_dlyClass		
relabilityClass	'111'B		Unacknowledged GTP, LLC , and Acknowledged RLC: Proceted Data
peakThroughput	'0110'B		32 kbps
sparel	'0'B		
precedenceClass	'000'B		Subscribed class
spare2	'000'B		
meanThroughput	'111111'B		best effort
trafficClass	p_trafficClass		
delivery0rder	'01'B		
deliveryErrorSDU	'010'B		
maxSDUSize	'20'0		
naxBitRateUplink	'40°0		64 kbps
naxBitRateDnlink	'40'0		64 kbps
residualBER	'1001'B		6 x 10E (-8)
sduErrRatio	'0011'B		1 X 10 E(-3)
transDly	'111111'B		Transfer delay will be neglected in case of in teractive or background . Hence the value is se t to spare
trafficHandpro	.11.B		This is set to 3, but h as to be neglected by t he UE as the traffic cl ass is interactive.
bitRateUplink	10010		The gaurented bit rate is set equal to request ed bit rate.
bitRateDnlink	'00'0		This will be neglected by UE as the class is interactive

4.8 ts_CRLC_UL_CipherCfg_RAB (WA#RRC3073)

Test step name	ts_CRLC_UL_CipherCfg_RAB
Reason for change	see Anritsu CR T1S.030409, 2.2.12, the ciphering activation request and confirm steps are only needed when ciphering is enabled
Summary of change	see CR
Source of change	see CR
Label	WA#RRC3073
ETSI comment	Rejected. This change have been rised several times and it was always clarified, that the value of RB_ActivationTimeInfoList is needed for a SS to calculate the value independent of ciphering activated or not.

			Test Step		
lest Stop Mi lest Stop Group Hof Nanctive: Infantisi Comments	BasikM_Security_ Configure options 85_Def				
ind i	Label	Behaviour Description	Constraint Ref	Vendict	Comments
		[ps_CipteringOnOf]			
		CRLC+CRLC_Centering_Attivute_RED	<pre>ca_CRLC_UL_CamevidProg(tor, CaliDedicated , p_CN_Domain, p _R5_AdvatorTenateState()</pre>		ronfigure conterns for signaling radio bearers
2		CRLC * CRLC_Centering_Advade_CNP	ca_CRLC_CipherActOnftsc_CellD		
			estrated)		

4.9 Tc_8_4_1_16 (WA#RRC4126)

Test case name	tc_8_4_1_16
Reason for change	Only PS branch is under consideration for this test case.
Summary of change	Used test step "ts_RRC_InitVariablesPS" instead of "ts_RRC_InitVariables".
Source of change	new change
Label	WA#RRC4126
ETSI comment	Accepted
R&S conclusion	OK
	Test Case

		1635.64	35		
Test Oroxp Roference.	 a_a_1_16 RRCIRRC_Measurement to continuitat after a 1 to 12 messages on 80 	state transition from Idia reads to CELL_FACH state, the	UE shall begin a halfs volume ty	se measurement, as spe	offed in Spillern information (Dooring e 1
	2. To confirm that in CELL	FACH state, the UE shall bend a MEASUREMENT REP OI, message, it shall perform the measurement and rep	CRT rescape when reporting o arting tasks based on the MEAS.	teria is satisfied. During REMENT CONTROL me	I CELL, FACH Ittalo, If the IVE receives a scage received
Carliguration :					
Defaults:	INRO_Deff				
Comments:	1.				- 142
-Ner	1,000	Behaviour Destrution	Constraint Ref	Vestel	Convents
		ETART & Deard			
1		[ps_RAT=rbs]			FDD specific behaviolat
3		+to RRC IntWariates/PB Look FACH I			VIULINIPICAT26
4		vts 55 CreateCellFACH(tas CellA)			
5.		+In_SendDet_system_MathCelWithoutSE 12 (Int_Cell%)			
£		+ts_kileUpidated (1trz_CeliA)			
r		-t Locaffest			
		+ po_ConnectionAndSt_Plats			the postamble to release the PRO connection and all the 55 configuration
	19921	1 mm 1927 - 1641			

4.10 ts_SendSIB7_NoSIB12_LongNeighCellInfo (WA#RRC4117)

Test step name	ts_SendSIB7_NoSIB12_LongNeighCellInfo
Reason for change	Resulting length of Seg1 & Seg2 (SIB7 & Sib3 respectively) will be greater than 201, because Seg1 is segmented in line 1 and thereby contains 226 bits after addition of padding bits.
Summary of change	In "ts_SendSIB7_NoSIB12_LongNeighCellInfo" line 1, the following change was done
	from
	"tcv_Segs := o_SIB_Segmentation(o_SIB_PER_Encoding (sIB7 : p_SIB)) " to
	"tcv_Segs.seg1 := o_SIB_PER_Encoding (sIB7 : p_SIB))".
	i.e. the assignment of seg1 is done directly and "o_SIB_Segmentation" should not be used.
Source of change	new change
Label	WA#RRC4117
ETSI comment	Rejected

R&S conclusion OK Test Ship Test Step At Test Step Enzy Objective Dolauts Is_SendSB1_MSSB11_LangMegtCellinkig_SB1 System(p_Cellink_PCellin INTECER, p_Timing FVTEDER) Ref. Descrift System Franking_Steps/Default_LongFerghCellinkigDetault To deliver the SB7 to S8 IndOtserviceFail Commen ample SBT in conculumated with SBDD or conculumated with SBH or conculumated with SBDTD, default octaining described in 300% TD 34 123-3 clause 0.4.3.1 Label Behaviour Description Constant Ref tit Vermit Converte $\begin{array}{l} dcs_Bega \ seg1 = s_BB_PEH_Encoding (s \\ BT : \ p_BB), \ kv_BBT = s_SB1 \end{array}$ WARRCH17 (tre Dega segCourt →1) [TRUE] 1 HIGH HIS_Schedulingto_Cellid, 6, 15, p_Timing) CRACTCMAC_SYSSMPD_Config_CNP 4 LA_BYSMOCIPCISTA_CARR, No._RB_ BCCHI ·ILCompleteS87 4 +t_ConcatVthSB1 +IL_CONTAMINEDETE +IL_CONTAMINEDETE R_CantaWebDD3 dcs_Segs.seg2 = s_SH2_PER_Encoding (t HD3: trs_SH03) (LENO7H_OFdix_Segs.seg1) + LENOTH_ 6. 11 6. OFOCH, Segs (eg2) +2011 12 13 14 TRUE House +b_Scheduling(s_Cellid, 6,7,p_Timing) CHMC1CMAC_SYSINFO_Config_CNF cs_SystemCfgCnfig_Cellid, toc_FR_ Ť.

4.11 cs_RRC_PagingType1_ModifySI (WA#RRC4170)

Constraint name	cs_RRC_PagingType1_ModifySI
Reason for change	The Paging Type 1 message uses "BCCH Modification time = 0". This IE should be set to OMIT to indicate that the change is immediate rather than using value 0, which corresponds to SFN=0.
Summary of change	Changed BCCH Modification time to 'OMIT'
Source of change	new change
Label	WA#RRC4170
ETSI comment	Accepted, done already
R&S conclusion	ОК

ASN.1 PDU Constraint Declaration		
Constraint Name:	cs_RRC_PagingType1_ModifySI(p_mib_valuetag: MIB_ValueTag)	
Group:		
PDU Name:	PCCH_Message	
Derivation Path:		
Encoding Rule Name:		
Encoding Variation:		
Comments:	WA#RRC4170	
Constraint Value		
<pre>{ message pagingType1: {PagingType1 pagingRecordList OMIT, bcch_ModificationInfo { mib_ValueTag p_mib_valuetag, bcch_ModificationTime OMIT }, nonCriticalExtensions OMIT } }</pre>		

5 Branches executed in test case 8.4.1.16

The PS branch of the test case implementation was executed with Integrity activated and Ciphering disabled.

6 Execution Log Files

6.1 Nokia 3G UE 6650

The Nokia 3G UE 6650 passed this test case on Rohde & Schwarz 3G System Simulator CRTU-W. The documentation below is enclosed as evidence of the successful test case run [1]:

• Execution log files 8_4_1_16-Logs\PS\Index.html This execution log files in HTML format show the dynamic behaviour of the test in a tabular view and in message sequence chart (MSC) view. All message contents are fully decoded and listed in hexadecimal format. Preliminary verdicts and the final test case verdict are listed in the log file.

PICS/PIXIT file 8_4_1_16-PS-pics-pixit.txt Text file containing all PICS/PIXIT parameters used for PS testing.

7 References

[1] T1-031171 This archive comprises HTML Execution log files, PICS/PIXIT files and the TTCN MP file