



CR-Form-v7

## CHANGE REQUEST

# **34.123-3 CR 1314** # rev - # Current version: **5.0.0** #

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

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

<b>Title:</b>	# Summary of regression errors in the wk09 ATS.		
<b>Source:</b>	# 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	# N/A	<b>Date:</b>	# 14/03/05
<b>Category:</b>	# <b>F</b>	<b>Release:</b>	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	<b>F</b> (correction)		2 (GSM Phase 2)
	<b>A</b> (corresponds to a correction in an earlier release)		R96 (Release 1996)
	<b>B</b> (addition of feature),		R97 (Release 1997)
	<b>C</b> (functional modification of feature)		R98 (Release 1998)
	<b>D</b> (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

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

<b>Clauses affected:</b>	# None						
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications	#
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	Y	N	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Test specifications	#
Y	N						
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	O&M Specifications	#
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
<b>Other comments:</b>	#						

### How to create CRs using this form:

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

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

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

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## 2 Corrections required for RLC\_wk09 test suite

### 2.1 Change 1

<b>Test step</b>	It_TxAndRx, tc_7_2_3_35
<b>Reason for change</b>	In the local tree three events are expected that is reception of Data PDU, timeout of timer t_TTI and reception of Status PDU. As UE will transmit the Data PDU and timeout of "t_TTI" will occur at each 20 ms interval, thus at the SS TTCN will always get a match for Data PDU and timeout for "t_TTI". Hence sometimes processing of Status PDU will not occur and this will result in failure of the test case. In order to overcome this problem check for status PDU is moved above the check for Data PDU and timeout of "t_TTI".
<b>Summary of change</b>	Moved check for the status PDU at the beginning of the local tree.
<b>Source of change</b>	New change

#### Before:

It_TxAndRx					
19		?TIMEOUT t_LowerBound (tcv_NumTimeouts := tcv_NumTimeouts + 1)			(6)
20	TBP 1	[ ( tcv_NumStatusRx = 1 ) AND ( tcv_NumTimeouts = 1 ) OR ( tcv_NumPollsRx = 1 ) AND ( tcv_NumTimeouts = 2 ) ]		(P)	(7)
21		[TRUE]			
22	TBF 1	(tcv_InvalidTimeout := TRUE)		(F)	(7)
23		TM ? RxAMD (tcv_AMD_PDU:= RxAMD.data, tcv_AMD_SeqNum:=tcv_AMD_PDU.seqNum)	car_DataInd(tsc_RB_AM_7_RLC, cr_AMD_LI_Data(c_LIs1_7BitLI(tcv_PayloadSize - 1), *))		(8)
24		+It_CheckPollBitAndUpdateVars			(8)
25		? TIMEOUT t_TTI			(2)
26		[ tcv_NumPDUsTx < tcv_Count ]			(9)
27		( tcv_NumPDUsTx = tcv_NumPDUsTx + 1 )			(9)
28		START t_TTI			(2)
29		+ts_TxAM_7_PRBS(tsc_P_NoPoll, c_LIs1_7BitLI(tcv_PayloadSize - 1), tcv_PayloadSize - 1)			(9)
30		[TRUE]			(9)
31		TM ? RxStatus ( tcv_NumStatusRx := tcv_NumStatusRx + 1 )	car_StatusInd( tsc_RB_AM_7_RLC )		(10)
32		[ tcv_NumStatusRx = 1 ]			(11)
33		( tcv_Time := 500 )			(12)
34		+ts_RLC_CalcTolerance(tcv_Time)			(13)
35		START t_LowerBound(tcv_Time - tcv_Tolerance), START t_UpperBound(tcv_Time + tcv_Tolerance)			(14)
36		[ tcv_NumStatusRx = 2 ]			(15)
37	TBP 2	[ ( tcv_NumTimeouts = 1 ) ]		(P)	(16)
38		CANCEL t_UpperBound			(17)
39	TBF 5	[ ( tcv_NumTimeouts <= 1 ) ]		(F)	(16)
40		[ tcv_NumStatusRx > 2 ]			(18)
41	TBF 2	?TIMEOUT t_UpperBound ( tcv_InvalidTimeout := TRUE )		(F)	(19)

#### After:

It_TxAndRx					
19		?TIMEOUT t_LowerBound (tcv_NumTimeouts := tcv_NumTimeouts + 1)			(6)
20	TBP 1	[ (tcv_NumStatusRx = 1) AND (tcv_NumTimeouts = 1) OR (tcv_NumPollsRx = 1) AND (tcv_NumTimeouts = 2) ]		(P)	(7)
21		[TRUE]			
22	TBF 1	(tcv_InvalidTimeout := TRUE)		(F)	(7)
23		TM ? RxStatus (tcv_NumStatusRx := tcv_NumStatusRx + 1)	car_StatusInd( tsc_RB_AM_7_RLC)		(10)
24		[ tcv_NumStatusRx = 1 ]			(11)
25		(tcv_Time := 500)			(12)
26		+ts_RLC_CalcTolerance(tcv_Time)			(13)
27		START t_LowerBound(tcv_Time - tcv_Tolerance), S TART t_UpperBound(tcv_Time + tcv_Tolerance)			(14)
28		[ tcv_NumStatusRx = 2 ]			(15)
29	TBP 2	[ (tcv_NumTimeouts = 1) ]		(P)	(16)
30		CANCEL t_UpperBound			(17)
31	TBF 5	[ (tcv_NumTimeouts <> 1) ]		(F)	(16)
32		[ tcv_NumStatusRx > 2 ]			(18)
33		TM ? RxAMD (tcv_AMD_PDU:= RxAMD.data, tcv_AMD_SeqNum:=tcv_AMD_PDU.seqNum)	car_DataInd(tsc_RB_AM_7_RLC, cr_AMD_LI_Data(c_LIs1_7BitLI(tc v_PayloadSize - 1), *))		(8)
34		+It_CheckPollBitAndUpdateVars			(8)
35		? TIMEOUT t_TTI			(2)
36		[tcv_NumPDUsTx < tcv_Count]			(9)
37		(tcv_NumPDUsTx:= tcv_NumPDUsTx + 1)			(9)
38		START t_TTI			(2)
39		+ts_TxAM_7_PRBS(tsc_P_NoPoll, c_LIs1_7BitLI(tc v_PayloadSize - 1), tcv_PayloadSize - 1)			(9)
40		[TRUE]			(9)
41	TBF 2	?TIMEOUT t_UpperBound (tcv_InvalidTimeout := TRUE)		(F)	(19)

### 3 Corrections required for NAS\_wk09 test suite

#### 3.1 Change 1

Test step	Tc_12_4_1_5
Reason for change	Incorrect value set for tcv_T3302 at line 19 on the test case. It should be 720000 instead of 72000
Summary of change	( tcv_T3302 := 72000 ) is changed to ( tcv_T3302 := 720000 ) in line#19 of tc_12_4_1_5 test body
Source of change	New change

### 4 Corrections required for IR\_U\_wk09 test suite

#### 4.1 Change 1

Test step	Tc_8_3_7_5
Reason for change	At step 1c for activating the Compress Mode at SS side, TTCN uses Activation Time instead

	of TGPS_Reconfiguration_CFN.
<b>Summary of change</b>	Replaced tcv_ActTime with tcv_TGCFN as appropriate (Lines 83, 85, 88, 91)
<b>Source of change</b>	New change

**Before:**

82	[[!(pc_InterRAT_DL_CompressedModeRequired ) AND (pc_InterRAT_UL_CompressedModeRequired )]]	
83	CPHY ! CPHY_RL_Modify_REQ	ca_CompModeStatInfo_REQ ( tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCH_CompModStatInfoAct1Deact2(tcv_ActTime, 1, tcv_ActTime ,2))
84	CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF ( tsc_CellA, tsc_DL_DPCH1)
85	CPHY ! CPHY_RL_Modify_REQ	ca_CompModeStatInfo_REQ ( tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCH_CompModStatInfoAct1Deact2(tcv_ActTime, 1, tcv_ActTime ,2))
86	CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF ( tsc_CellA, tsc_UL_DPCH1)
87	[pc_InterRAT_DL_CompressedModeRequired ]	
88	CPHY ! CPHY_RL_Modify_REQ	ca_CompModeStatInfo_REQ ( tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCH_CompModStatInfoAct1Deact2(tcv_ActTime, 1, tcv_ActTime ,2))
89	CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF ( tsc_CellA, tsc_DL_DPCH1)
90	[pc_InterRAT_UL_CompressedModeRequired ]	
91	CPHY ! CPHY_RL_Modify_REQ	ca_CompModeStatInfo_REQ ( tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCH_CompModStatInfoAct1Deact2(tcv_ActTime, 1, tcv_ActTime ,2))
92	CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF ( tsc_CellA, tsc_UL_DPCH1)

**After:**

82		[[(!pc_InterRAT_DL_CompressedModeRequired) AND (!pc_InterRAT_UL_CompressedModeRequired)]]	
83		CPHY ! CPHY_RL_Modify_REQ	ca_CompModeStatInfo_REQ ( tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCH_CompModStatInfoAct1Deact2(tcv_TGCFN, 1, tcv_TGCFN, 2) )
84		CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF ( tsc_CellA, tsc_DL_DPCH1 )
85		CPHY ! CPHY_RL_Modify_REQ	ca_CompModeStatInfo_REQ ( tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCH_CompModStatInfoAct1Deact2(tcv_TGCFN, 1, tcv_TGCFN, 2) )
86		CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF ( tsc_CellA, tsc_UL_DPCH1 )
87		[pc_InterRAT_DL_CompressedModeRequired]	
88		CPHY ! CPHY_RL_Modify_REQ	ca_CompModeStatInfo_REQ ( tsc_CellA, tsc_DL_DPCH1, tcv_ActTime, c_DPCH_CompModStatInfoAct1Deact2(tcv_TGCFN, 1, tcv_TGCFN, 2) )
89		CPHY ? CPHY_RL_Modify_CNF	ca_CompressedModelInfoCNF ( tsc_CellA, tsc_DL_DPCH1 )
90		[pc_InterRAT_UL_CompressedModeRequired]	
91		CPHY ! CPHY_RL_Modify_REQ	ca_CompModeStatInfo_REQ ( tsc_CellA, tsc_UL_DPCH1, tcv_ActTime, c_DPCH_CompModStatInfoAct1Deact2(tcv_TGCFN, 1, tcv_TGCFN, 2) )

## 5 Corrections required for IR\_G\_wk09 test suite

### 5.1 Change 1

<b>Test step</b>	cr_MSCLSMK3_Any
<b>Reason for change</b>	Element "eEDGE_Struct" will be present if the value of the element "maskBit6" is 1. Hence in TTCN implementation the element "eEDGE_Struct" needs to be checked with IF_PRESENT option.
<b>Summary of change</b>	The element "eEDGE_Struct" is checked with IF_PRESENT option.
<b>Source of change</b>	New change

Before:



Constraint Name:	cr_MSCLSMK3_Any
Group:	
Type Name:	MSCLSMK3
Derivation Path:	
Encoding Variation:	
Comments:	

Element Name	Element Value
iei	'00100000'B
iel	?
spareBit	'0'B
multibandSupported	?
a5_7	?
a5_6	?
a5_5	?
a5_4	?
associatedRadioCapabilty2	*
spareBits1	*
associatedRadioCapabilty1	*
maskBit1	?
rGSM_RadioCapability	*
maskBit2	?
multiSlotClass	*
uCS2Treatment	?
extMeasurementCapability	?
maskBit3	?
msMeasurementCapability	cr_MS_MeasCapability_Any IF_PRESENT
maskBit4	?
msPositioningMethod	*
maskBit5	?
eEDGE_MultiSlot	*
maskBit6	?
eEDGE_Struct	cr_EDGE_Struct_Any

**After:**

Constraint Name:	cr_MSCLSMK3_Any
Group:	
Type Name:	MSCLSMK3
Derivation Path:	
Encoding Variation:	
Comments:	

Element Name	Element Value
iei	'00100000'B
iel	?
spareBit	'0'B
multibandSupported	?
a5_7	?
a5_6	?
a5_5	?
a5_4	?
associatedRadioCapabilty2	*
spareBits1	*
associatedRadioCapabilty1	*
maskBit1	?
rGSM_RadioCapability	*
maskBit2	?
multiSlotClass	*
uCS2Treatment	?
extMeasurementCapability	?
maskBit3	?
msMeasurementCapability	cr_MS_MeasCapability_Any IF_PRESENT
maskBit4	?
msPositioningMethod	*
maskBit5	?
eDGE_MultiSlot	*
maskBit6	?
eDGE_Struct	cr_EDGE_Struct_Any IF_PRESENT

## 5.2 Change 2

<b>Test step</b>	cr_G_ClassmarkChangeAny
<b>Reason for change</b>	Elements "msclsmk" and 'additionalMsclsmk' in the CLASSMARKCHANGE has wildcard value '?' and '*' instead of a Structured Type constraint.
<b>Summary of change</b>	<p>Replace the cr_G_ClassmarkChangeAny with cr_G_ClassmarkChange from the following test steps.</p> <p>ts_G_CC_EnterU10_MT (at line #10 )</p> <p>ts_G_CC_EnterU1 (at line #6)</p> <p>IntersystemDef ( default test step at line #28)</p> <p>Note: Constraint cr_G_ClassmarkChangeAny could be deleted.</p>

Source of change	New change
------------------	------------

**Before:**

Test Step			
Test Step Id:	ts_G_CC_EnterU1 ( p_GCellId : INTEGER )		
Test Step Group Ref:	M_RAT_HO_GSM_Specific/		
Objective:			
Defaults:	IntersystemDef		
Comments:			
Nr	Label	Behaviour Description	Constraint Ref
1		+ts_G_SetTmpCellConfigInfo ( p_GCellId )	
2		+ ts_AT_InitCallCS	
3		+ts_G_RR_Con_Est ( p_GCellId )	
4		+ts_G_CMServiceReq_MO(p_GCellId)	
5		START t_ReceiveMessageTimer ( 5 )	
6		G_L2 ? G_L2_DATA_IND CANCEL t_ReceiveMessageTimer	cr_G_L2_DATA_IND ( tsc_GSM_CellA , ? , tsc_PhyCh0 , ? , ? , ? , cr_G_ClassmarkChangeAny )
7		+!t_ReceiveUTRANClassmark	

Test Step Id:	ts_G_CC_EnterU10_MT( p_CellId : CellId )		
Test Step Group Ref:	M_RAT_HO_GSM_Specific/		
Objective:			
Defaults:	IntersystemDef		
Comments:			
Nr	Label	Behaviour Description	Constraint Ref
1		+ts_G_SetTmpCellConfigInfo ( p_CellId )	
2		G_L2 ! G_L2_Paging_REQ	ca_G_Paging_REQ_PCH ( p_CellId , px_IMSI_Def , tcv_G_CellConfigInfo.cCCH_CONF , 6 , c_G_PagingRequest1_TMSI_Def )
3		START t_CampResponseTimer(33)	
4		G_L2 ? G_L2_ACCESS_IND ( tcv_RR_RFN := G_L2_ACCESS_IND.rfn , tcv_ChRequest := G_L2_ACCESS_IND.burst ) CANCEL t_CampResponseTimer	cabr_G_L2_ACCESS_IND ( p_CellId , tsc_PhyCh0 , 1 , ? , ? , c_G_ChannelReq_Any )
5		( tcv_RR_RA := ( BIT_TO_INT ( tcv_ChRequest.estCauRandomRef ) ) )	
6		G_L2 ! G_L2_UNITDATA_REQ	cas_G_L2_UNITDATA_REQ ( p_CellId , tsc_PhyCh0 , 3 , 15 , c_G_RFN_Omit , cs_ImmediateAssignment ( tcv_G_CellConfigInfo.bCCH_Freq , tcv_G_CellConfigInfo.bcc , tcv_RR_RA , tcv_RR_RFN ) )
7		START t_T3101	
8		G_L2 ? G_L2_L2Estab_IND ( tcv_RR_ChannelType := G_L2_L2Estab_IND.g_LogicChType , tcv_RR_Subchannel := G_L2_L2Estab_IND.subChannel ) CANCEL t_T3101	cabr_G_L2_L2Estab_IND ( p_CellId , ? , ? , ? , c_PagResp ( ? , c_G_MobileIdTMSI_lv ) )
9		START t_ReceiveMessageTimer ( 5 )	
10		G_L2 ? G_L2_DATA_IND CANCEL t_ReceiveMessageTimer	cr_G_L2_DATA_IND ( tsc_GSM_CellA , ? , tsc_PhyCh0 , ? , ? , ? , cr_G_ClassmarkChangeAny )

Default				
Default Id:		IntersystemDef		
Default Group Ref:		InterSystem/		
Objective:				
Comments:				
Nr	Label	Behaviour Description	Constraint Ref	Ve
1	DFF1	CRLC?CRLC_Integrity_Failure_IND	car_CRLC_IntegrityFail	(F)
2		RETURN		
3		AM?RLC_AM_DATA_IND	car_RRC_Status(?, tsc_RB2, cr_RRC_RrcStatus)	
4		RETURN		
5		AM?RLC_AM_DATA_IND	car_MeasRepAM(?, tsc_RB2, cr_RRC_MeasRep)	
6		RETURN		
7		UM?RLC_UM_DATA_IND	car_MeasRepUM(?, tsc_RB1, cr_RRC_MeasRep)	
8		RETURN		
9		G_L2 ? G_L2_ACCESS_IND [tcv_TestBody = TRUE]	cabr_G_L2_ACCESS_IND ( ?, ?, ?, ?, ?)	
10		RETURN		
11		AM?RLC_AM_DATA_CNf	car_AM_DataCnf(? , tsc_RB2)	
12		RETURN		
13		TM?RLC_TR_DATA_IND	car_RRC_ConnReq(?, tsc_RB0 , cr_RRC_RrcConnReqAny)	
14	DFF2	[tcv_TestBody = TRUE]		(F)
15		RETURN		
16		[tcv_TestBody = FALSE]		
17		RETURN		
18		CPHY?CPHY_Sync_IND CANCEL t_T312	ca_SyncInd ( tsc_UL_DPCH1 )	
19		RETURN		
20		CPHY?CPHY_Out_of_Sync_IND CANCEL t_T312	ca_OutOfSyncInd ( tsc_UL_DPCH1 )	
21		RETURN		
22		G_L2 ? G_L2_UNITDATA_IND	ca_G_L2_Unitdata_Ind_ChannelReq(?,?, 1 , ?, c_G_ChannelReq_Any)	(P)
23		RETURN		
24		G_L2 ? G_L2_UNITDATA_IND	ca_G_L2_UnitDataInd_MeasReport( ?,?, ?, *, c_G_MeasReport_Any)	
25		RETURN		
26		G_L2 ? G_L2_Release_IND	cr_G_L2_Release_IND ( ? )	
27		RETURN		
28		G_L2 ? G_L2_DATA_IND	cr_G_L2_DATA_IND ( tsc_GSM_CellA , ? , tsc_PhyCh0 , ? , ? , ? cr_G_ClassmarkChangeAn y)	

### After:

Test Step				
Test Step Id:		ts_G_CC_EnterU1 ( p_GCellId : INTEGER )		
Test Step Group Ref:		M_RAT_HO_GSM_Specific/		
Objective:				
Defaults:		IntersystemDef		
Comments:				
Nr	Label	Behaviour Description	Constraint Ref	
1		+ts_G_SetTmpCellConfigInfo ( p_GCellId )		
2		+ts_AT_InitCallCS		
3		+ts_G_RR_Con_Est ( p_GCellId )		
4		+ts_G_CMServiceReq_MO ( p_GCellId )		
5		START t_ReceiveMessageTimer ( 5 )		
6		G_L2 ? G_L2_DATA_IND CANCEL t_ReceiveMessageTimer	cr_G_L2_DATA_IND ( tsc_GSM_CellA , ? , tsc_PhyCh0 , ?, ?, ? , ? cr_G_ClassmarkChange)	
7		+It_ReceiveUTRANClassmark		

Test Step			
Test Step Id:	ts_G_CC_EnterU10_MT(p_CellId : CellId)		
Test Step Group Ref:	M_RAT_HO_GSM_Specific/		
Objective:			
Defaults:	IntersystemDef		
Comments:			
Nr	Label	Behaviour Description	Constraint Ref
1		+ts_G_SetTmpCellConfigInfo ( p_CellId )	
2		G_L2 ! G_L2_Paging_REQ	ca_G_Paging_REQ_PCH ( p_CellId , px_IMSI_Def, tcv_G_CellConfigInfo.cCCH_CONF, 6 , c_G_PagingRequest1_TMSI_Def )
3		START t_CampResponseTimer(33)	
4		G_L2 ? G_L2_ACCESS_IND ( tcv_RR_RFN := G_L2_ACCESS_IND.rfn , tcv_ChRequest := G_L2_ACCESS_IND.burst) CANCEL t_CampResponseTimer	cabr_G_L2_ACCESS_IND ( p_CellId , tsc_PhyCh0 , 1 , ? , ? , c_G_ChannelReq_Any )
5		( tcv_RR_RA := ( BIT_TO_INT ( tcv_ChRequest.estCauRandomRef ) ) )	
6		G_L2 ! G_L2_UNITDATA_REQ	cas_G_L2_UNITDATA_REQ ( p_CellId , tsc_PhyCh0 , 3 , 15 , c_G_RFN_Omit , cs_ImmediateAssignment ( tcv_G_CellConfigInfo.bCCH_Freq , tcv_G_CellConfigInfo.bcc , tcv_RR_RA , tcv_RR_RFN ) )
7		START t_T3101	
8		G_L2 ? G_L2_L2Estab_IND ( tcv_RR_ChannelType := G_L2_L2Estab_IND.g_LogicChType , tcv_RR_Subchannel := G_L2_L2Estab_IND.subChannel ) CANCEL t_T3101	cabr_G_L2_L2Estab_IND ( p_CellId , ? , ? , ? , c_PagResp ( ? , c_G_MobileIdTMSI_lv ) )
9		START t_ReceiveMessageTimer ( 5 )	
10		G_L2 ? G_L2_DATA_IND CANCEL t_ReceiveMessageTimer	cr_G_L2_DATA_IND ( tsc_GSM_CellA , ? , tsc_PhyCh0 , ? , ? , ? , cr_G_ClassmarkChange )

Default Id:		IntersystemDef		
Default Group Ref:		InterSystem/		
Objective:				
Comments:				
Nr	Label	Behaviour Description	Constraint Ref	Ve
1	DFF1	CRLC?CRLC_Integrity_Failure_IND	car_CRLC_IntegrityFail	(F)
2		RETURN		
3		AM?RLC_AM_DATA_IND	car_RRC_Status(?, tsc_RB2, cr_RRC_RrcStatus)	
4		RETURN		
5		AM?RLC_AM_DATA_IND	car_MeasRepAM(?, tsc_RB2, cr_RRC_MeasRep)	
6		RETURN		
7		UM?RLC_UM_DATA_IND	car_MeasRepUM(?, tsc_RB1, cr_RRC_MeasRep)	
8		RETURN		
9		G_L2 ? G_L2_ACCESS_IND[tcv_TestBody = TRUE]	cabr_G_L2_ACCESS_IND ( ?, ?, ?, ?, ?)	
10		RETURN		
11		AM?RLC_AM_DATA_CNF	car_AM_DataCnf(? , tsc_RB2)	
12		RETURN		
13		TM?RLC_TR_DATA_IND	car_RRC_ConnReq(?, tsc_RB0, cr_RRC_RrcConnReqAny)	
14	DFF2	[tcv_TestBody = TRUE]		(F)
15		RETURN		
16		[tcv_TestBody = FALSE]		
17		RETURN		
18		CPHY?CPHY_Sync_IND CANCEL_t_T312	ca_SyncInd ( tsc_UL_DPCH1 )	
19		RETURN		
20		CPHY?CPHY_Out_of_Sync_IND CANCEL_t_T312	ca_OutOfSyncInd ( tsc_UL_DPCH1 )	
21		RETURN		
22		G_L2 ? G_L2_UNITDATA_IND	ca_G_L2_Unitdata_Ind_ChannelReq(?, ?, 1 , ?, c_G_ChannelReq_Any)	(P)
23		RETURN		
24		G_L2 ? G_L2_UNITDATA_IND	ca_G_L2_UnitDataInd_MeasReport(?, ?, ?, *, c_G_MeasReport_Any)	
25		RETURN		
26		G_L2 ? G_L2_Release_IND	cr_G_L2_Release_IND ( ? )	
27		RETURN		
28		G_L2 ? G_L2_DATA_IND	cr_G_L2_DATA_IND (tsc_GSM_CellA, ?, tsc_PhyCh0, ?, ?, ? <b>cr_G_ClassmarkChange</b> )	
29		RETURN		

CR-Form-v7

## CHANGE REQUEST

# **34.123-3 CR 1319** # rev - # Current version: **5.0.0** #

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

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

<b>Title:</b>	# Correction to approved testcase 8.1.10.1		
<b>Source:</b>	# 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	# N/A	<b>Date:</b>	# 08/03/05
<b>Category:</b>	# <b>F</b>	<b>Release:</b>	# Rel-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	<b>F</b> (correction)		2 (GSM Phase 2)
	<b>A</b> (corresponds to a correction in an earlier release)		R96 (Release 1996)
	<b>B</b> (addition of feature),		R97 (Release 1997)
	<b>C</b> (functional modification of feature)		R98 (Release 1998)
	<b>D</b> (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

<b>Reason for change:</b>	# As per the T1-050272 Reference Time difference To cell for the neighbouring cell should be set to 0 in SIB 11 and SIB 12 for Maximum configuration. The purpose of the CR was to fill SIB 11 and SIB12 in such way that the scheduling information is met.  In the TTCN implementation instead of a value of 0, the above IE is calculated based on the Tcell value. As the scheduling information is met with or without this IE, the above IE is set to Not Present in the TTCN in order to remove dependence of Tcell for this test case. A prose CR for the same will be presented in the next RAN5 meeting.		
<b>Summary of change:</b>	# Changed the value for IE "ReferenceTimedifferenceToCell" to OMIT.		
<b>Consequences if not approved:</b>	#		

<b>Clauses affected:</b>	# tc_8_1_10_1						
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	#	X	Other core specifications	#
Y	N						
#	X						
	#	X	Test specifications				
	#	X	O&M Specifications				
<b>Other comments:</b>	#						

**How to create CRs using this form:**

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

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

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



## Change 1:

<b>Constraint</b>	c_SIB11_Max
<b>Reason for change</b>	<p>As per the T1-050272 Reference Time difference To cell for the neighbouring cell should be set to 0 in SIB 11 and SIB 12 for Maximum configuration. The purpose of the CR was to fill SIB 11 and SIB12 in such way that the scheduling information is met.</p> <p>In the TTCN implementation instead of a value of 0, the above IE is calculated based on the Tcell value.</p> <p>As the scheduling information is met with or without this IE, the above IE is set to Not Present in the TTCN in order to remove dependence of Tcell for this test case.</p> <p>A prose CR for the same will be presented in the next RAN5 meeting.</p>
<b>Summary of change</b>	Changed the value for IE "ReferenceTimedifferenceToCell" to OMIT.
<b>Source of change</b>	New change

## Before :

ASN.1 Type Constraint Declaration	
<b>Constraint Name:</b>	c_SIB11_Max ( p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_IntraCellInfo4, p_IntraCellInfo5, p_InterCellInfo6, p_InterCellInfo7, p_InterCellInfo8 : CellInfoCfg )
<b>Group:</b>	
<b>Type Name:</b>	SysInfoType11
<b>Derivation Path:</b>	
<b>Encoding Variation:</b>	
<b>Comments:</b>	<p>Default system information block type 11. To be used by cell A,B,C,G and H:</p> <ul style="list-style-type: none"> <li>- 5 intra cells frequency of the same frequency</li> <li>- 3 inter cell frequency of the same frequency.</li> </ul>
Constraint Value	
<pre> { sib12indicator TRUE, measurementControlSysInfo { use_of_HCS hcs_not_used : { cellSelectQualityMeasure cpich_RSCP : { intraFreqMeasurementSysInfo { intraFreqMeasurementID OMIT, -- default value intraFreqCellInfoSI_List { removedIntraFreqCellList OMIT, -- removedIntraFreqCellList in SIB11 is not used and ignored by the UE newIntraFreqCellList { intraFreqCellID p_ActiveCellInfo.cellId, cellInfo { cellIndividualOffset OMIT, -- default value referenceTimeDifferenceToCell OMIT, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_ActiveCellInfo.priScrmCode }, readSFN_Indicator FALSE, tx_DiversityIndicator FALSE }, cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max } }, }, { intraFreqCellID p_IntraCellInfo2.cellId, cellInfo { cellIndividualOffset OMIT, -- default value referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_IntraCellInfo2.tCell + 38399) MOD 256, modeSpecificInfo fdd : { primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo2.priScrmCode }, primaryCPICH_TX_Power 31, readSFN_Indicator TRUE, </pre>	

```

    tx_DiversityIndicator FALSE
  },
  cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
}
},
{
  intraFreqCellID p_IntraCellInfo3.cellId,
  cellInfo {
    cellIndividualOffset OMIT, -- default value
    referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_IntraCellInfo3.tCell + 38399) MOD 256,
    modeSpecificInfo fdd : {
      primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo3.priScrmCode },
      primaryCPICH_TX_Power 31,
      readSFN_Indicator TRUE,
      tx_DiversityIndicator FALSE
    },
    cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
  }
},
{
  intraFreqCellID p_IntraCellInfo4.cellId,
  cellInfo {
    cellIndividualOffset OMIT, -- default value
    referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_IntraCellInfo4.tCell + 38399) MOD 256,
    modeSpecificInfo fdd : {
      primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo4.priScrmCode },
      primaryCPICH_TX_Power 31,
      readSFN_Indicator TRUE,
      tx_DiversityIndicator FALSE
    },
    cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
  }
},
{
  intraFreqCellID p_IntraCellInfo5.cellId,
  cellInfo {
    cellIndividualOffset OMIT, -- default value
    referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_IntraCellInfo5.tCell + 38399) MOD 256,
    modeSpecificInfo fdd : {
      primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo5.priScrmCode },
      primaryCPICH_TX_Power 31,
      readSFN_Indicator TRUE,
      tx_DiversityIndicator FALSE
    },
    cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
  }
}
},
intraFreqMeasQuantity {
  filterCoefficient OMIT, -- default value
  modeSpecificInfo fdd : {
    intraFreqMeasQuantity_FDD cpich_RSCP
  }
},
reportingInfoForCellDCH {
  intraFreqReportingQuantity {
    activeSetReportingQuantities {
      dummy noReport,
      cellIdentity_reportingIndicator TRUE,
      cellSynchronisationInfoReportingIndicator FALSE,
      modeSpecificInfo fdd : {
        cpich_Ec_NO_reportingIndicator FALSE,
        cpich_RSCP_reportingIndicator TRUE,
        pathloss_reportingIndicator FALSE }
    },
    monitoredSetReportingQuantities {
      dummy noReport,
      cellIdentity_reportingIndicator TRUE,
      cellSynchronisationInfoReportingIndicator TRUE,
      modeSpecificInfo fdd : {
        cpich_Ec_NO_reportingIndicator FALSE,
        cpich_RSCP_reportingIndicator TRUE,
        pathloss_reportingIndicator FALSE }
    }
  },
  measurementReportingMode {
    measurementReportTransferMode acknowledgedModeRLC,
    periodicalOrEventTrigger eventTrigger
  },
  reportCriteria intraFreqReportingCriteria : {
    eventCriteriaList {
      event e1a : {
        triggeringCondition monitoredSetCellsOnly,
        reportingRange 5,
        forbiddenAffectCellList { fdd : { primaryScramblingCode p_ActiveCellInfo.priScrmCode }},
        w 1,
        reportDeactivationThreshold t2,

```

```

        reportingAmount ra4,
        reportingInterval ri4
    },
    hysteresis 0,
    timeToTrigger tt640,
    reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
},
{
    event e1b : {
        triggeringCondition activeSetCellsOnly,
        reportingRange 5,
        forbiddenAffectCellList OMIT,
        w 1,
        hysteresis 0,
        timeToTrigger tt640,
        reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
    },
    {
        event e1c : {
            replacementActivationThreshold t3,
            reportingAmount ra4,
            reportingInterval ri4
        },
        hysteresis 0,
        timeToTrigger tt640,
        reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
    }
}
}
},
interFreqMeasurementSysInfo
{
    interFreqCellInfoSI_List {
        removedInterFreqCellList OMIT, -- removedInterFreqCellList in SIB11 is not used and ignored by the UE
        newInterFreqCellList {
            interFreqCellID p_InterCellInfo6.cellId,
            frequencyInfo p_InterCellInfo6.frequencyInfo,
            cellInfo {
                cellIndividualOffset OMIT, -- default value
                referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_InterCellInfo6.tCell + 38399) MOD 256,
                modeSpecificInfo fdd : {
                    primaryCPICH_Info { primaryScramblingCode p_InterCellInfo6.priScrmCode },
                    primaryCPICH_TX_Power 31,
                    tx_DiversityIndicator FALSE
                },
                cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
            }
        },
        {
            interFreqCellID p_InterCellInfo7.cellId,
            frequencyInfo OMIT,
            cellInfo {
                cellIndividualOffset OMIT, -- default value
                referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_InterCellInfo7.tCell + 38399) MOD 256,
                modeSpecificInfo fdd : {
                    primaryCPICH_Info { primaryScramblingCode p_InterCellInfo7.priScrmCode },
                    primaryCPICH_TX_Power 31,
                    readSFN_Indicator FALSE,
                    tx_DiversityIndicator FALSE
                },
                cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
            }
        },
        {
            interFreqCellID p_InterCellInfo8.cellId,
            frequencyInfo OMIT,
            cellInfo {
                cellIndividualOffset OMIT, -- default value
                referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_InterCellInfo8.tCell + 38399) MOD 256,
                modeSpecificInfo fdd : {
                    primaryCPICH_Info { primaryScramblingCode p_InterCellInfo8.priScrmCode },
                    primaryCPICH_TX_Power 31,
                    readSFN_Indicator FALSE,
                    tx_DiversityIndicator FALSE
                },
                cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
            }
        }
    }
}
}},
trafficVolumeMeasSysInfo
{
    trafficVolumeMeasurementID 5,
    trafficVolumeMeasurementObjectList OMIT,
    trafficVolumeMeasQuantity rlc_BufferPayload : NULL,
    trafficVolumeReportingQuantity {

```

```
ric_RB_BufferPayload TRUE,
ric_RB_BufferPayloadAverage FALSE,
ric_RB_BufferPayloadVariance FALSE
},
measurementValidity OMIT,
measurementReportingMode {
  measurementReportTransferMode acknowledgedModeRLC,
  periodicalOrEventTrigger periodical
},
reportCriteriaSysInf periodicalReportingCriteria : {
  reportingAmount ra_Infinity,
  reportingInterval ri8
}
}
}
-- nonCriticalExtensions OMIT @sic T1s-040086 Rel5 sic@
}
```

---

**After :**

ASN.1 Type Constraint Declaration

Constraint Name:	c_SIB11_Max ( p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_IntraCellInfo4, p_IntraCellInfo5, p_InterCellInfo6, p_InterCellInfo7, p_InterCellInfo8 : CellInfoCfg )
Group:	
Type Name:	SysInfoType11
Derivation Path:	
Encoding Variation:	
Comments:	Default system information block type 11. To be used by cell A,B,C,G and H: - 5 intra cells frequency of the same frequency - 3 inter cell frequency of the same frequency.

Constraint Value

```
{
sib12indicator TRUE,
measurementControlSysInfo {
use_of_HCS hcs_not_used : {
cellSelectQualityMeasure cpich_RSCP : {
intraFreqMeasurementSysInfo {
intraFreqMeasurementID OMIT, -- default value
intraFreqCellInfoSL_List {
removedIntraFreqCellList OMIT, -- removedIntraFreqCellList in SIB11 is not used and ignored by the UE
newIntraFreqCellList {
intraFreqCellID p_ActiveCellInfo.cellId,
cellInfo {
cellIndividualOffset OMIT, -- default value
referenceTimeDifferenceToCell OMIT,
modeSpecificInfo fdd : {
primaryCPICH_Info { primaryScramblingCode p_ActiveCellInfo.priScrmCode },
readSFN_Indicator FALSE,
tx_DiversityIndicator FALSE
},
cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
}
},
{
intraFreqCellID p_IntraCellInfo2.cellId,
cellInfo {
cellIndividualOffset OMIT, -- default value
referenceTimeDifferenceToCell OMIT,
modeSpecificInfo fdd : {
primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo2.priScrmCode },
primaryCPICH_TX_Power 31,
readSFN_Indicator TRUE,
tx_DiversityIndicator FALSE
},
cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
}
},
{
intraFreqCellID p_IntraCellInfo3.cellId,
cellInfo {
cellIndividualOffset OMIT, -- default value
referenceTimeDifferenceToCell OMIT,
modeSpecificInfo fdd : {
primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo3.priScrmCode },
primaryCPICH_TX_Power 31,
readSFN_Indicator TRUE,
tx_DiversityIndicator FALSE
},
cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
}
},
{
intraFreqCellID p_IntraCellInfo4.cellId,
cellInfo {
cellIndividualOffset OMIT, -- default value
referenceTimeDifferenceToCell OMIT,
modeSpecificInfo fdd : {
primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo4.priScrmCode },
primaryCPICH_TX_Power 31,
readSFN_Indicator TRUE,
tx_DiversityIndicator FALSE
},
cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
}
},
{
intraFreqCellID p_IntraCellInfo5.cellId,
cellInfo {
cellIndividualOffset OMIT, -- default value
referenceTimeDifferenceToCell OMIT,
modeSpecificInfo fdd : {
primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo5.priScrmCode },
primaryCPICH_TX_Power 31,
readSFN_Indicator TRUE,
tx_DiversityIndicator FALSE
},
}
```

```

        cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
    }
}
},
intraFreqMeasQuantity {
    filterCoefficient OMIT, -- default value
    modeSpecificInfo fdd : {
        intraFreqMeasQuantity_FDD cpich_RSCP
    }
},
reportingInfoForCellDCH {
    intraFreqReportingQuantity {
        activeSetReportingQuantities {
            dummy noReport,
            cellIdentity_reportingIndicator TRUE,
            cellSynchronisationInfoReportingIndicator FALSE,
            modeSpecificInfo fdd : {
                cpich_Ec_N0_reportingIndicator FALSE,
                cpich_RSCP_reportingIndicator TRUE,
                pathloss_reportingIndicator FALSE }
        },
        monitoredSetReportingQuantities {
            dummy noReport,
            cellIdentity_reportingIndicator TRUE,
            cellSynchronisationInfoReportingIndicator TRUE,
            modeSpecificInfo fdd : {
                cpich_Ec_N0_reportingIndicator FALSE,
                cpich_RSCP_reportingIndicator TRUE,
                pathloss_reportingIndicator FALSE }
        }
    },
    measurementReportingMode {
        measurementReportTransferMode acknowledgedModeRLC,
        periodicalOrEventTrigger eventTrigger
    },
    reportCriteria intraFreqReportingCriteria : {
        eventCriteriaList {
            event e1a : {
                triggeringCondition monitoredSetCellsOnly,
                reportingRange 5,
                forbiddenAffectCellList { fdd : { primaryScramblingCode p_ActiveCellInfo.priScrmCode }},
                w 1,
                reportDeactivationThreshold t2,
                reportingAmount ra4,
                reportingInterval ri4
            },
            hysteresis 0,
            timeToTrigger ttt640,
            reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
        },
        {
            event e1b : {
                triggeringCondition activeSetCellsOnly,
                reportingRange 5,
                forbiddenAffectCellList OMIT,
                w 1,
                hysteresis 0,
                timeToTrigger ttt640,
                reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
            },
            {
                event e1c : {
                    replacementActivationThreshold t3,
                    reportingAmount ra4,
                    reportingInterval ri4
                },
                hysteresis 0,
                timeToTrigger ttt640,
                reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
            }
        }
    }
}
},
interFreqMeasurementSysInfo {
    interFreqCellInfoSI_List {
        removedInterFreqCellList OMIT, -- removedInterFreqCellList in SIB11 is not used and ignored by the UE
        newInterFreqCellList {
            interFreqCellID p_InterCellInfo6.cellId,
            frequencyInfo p_InterCellInfo6.frequencyInfo,
            cellInfo {
                cellIndividualOffset OMIT, -- default value
                referenceTimeDifferenceToCell OMIT,
                modeSpecificInfo fdd : {
                    primaryCPICH_Info { primaryScramblingCode p_InterCellInfo6.priScrmCode },

```

```

        primaryCPICH_TX_Power 31,
        readSFN_Indicator FALSE,
        tx_DiversityIndicator FALSE
    },
    cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
}
},
{
    interFreqCellID p_InterCellInfo7.cellId,
    frequencyInfo OMIT,
    cellInfo {
        cellIndividualOffset OMIT, -- default value
        referenceTimeDifferenceToCell OMIT,
        modeSpecificInfo fdd : {
            primaryCPICH_Info { primaryScramblingCode p_InterCellInfo7.priScrmCode },
            primaryCPICH_TX_Power 31,
            readSFN_Indicator FALSE,
            tx_DiversityIndicator FALSE
        },
        cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
    }
},
{
    interFreqCellID p_InterCellInfo8.cellId,
    frequencyInfo OMIT,
    cellInfo {
        cellIndividualOffset OMIT, -- default value
        referenceTimeDifferenceToCell OMIT,
        modeSpecificInfo fdd : {
            primaryCPICH_Info { primaryScramblingCode p_InterCellInfo8.priScrmCode },
            primaryCPICH_TX_Power 31,
            readSFN_Indicator FALSE,
            tx_DiversityIndicator FALSE
        },
        cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max
    }
}
}
}
}},
trafficVolumeMeasSysInfo
{
    trafficVolumeMeasurementID 5,
    trafficVolumeMeasurementObjectList OMIT,
    trafficVolumeMeasQuantity rlc_BufferPayload : NULL,
    trafficVolumeReportingQuantity {
        rlc_RB_BufferPayload TRUE,
        rlc_RB_BufferPayloadAverage FALSE,
        rlc_RB_BufferPayloadVariance FALSE
    },
    measurementValidity OMIT,
    measurementReportingMode {
        measurementReportTransferMode acknowledgedModeRLC,
        periodicalOrEventTrigger periodical
    },
    reportCriteriaSysInf periodicalReportingCriteria : {
        reportingAmount ra_Infinity,
        reportingInterval ril8
    }
}
}
}
-- nonCriticalExtensions OMIT @sic T1s-040086 Rel5 sic@
}

```

## Change 2:

<b>Constraint</b>	c_SIB12_Max
<b>Reason for change</b>	<p>As per the T1-050272 Reference Time difference To cell for the neighbouring cell should be set to 0 in SIB 11 and SIB 12 for Maximum configuration. The purpose of the CR was to fill SIB 11 and SIB12 in such way that the scheduling information is met.</p> <p>In the TTCN implementation instead of a value of 0, the above IE is calculated based on the Tcell value.</p> <p>As the scheduling information is met with or without this IE, the above IE is set to Not Present in the TTCN in order to remove dependence of Tcell for this test case.</p> <p>A prose CR for the same will be presented in the next RAN5 meeting.</p>
<b>Summary of change</b>	Changed the value for IE "ReferenceTimedifferenceTocell" to OMIT.
<b>Source of change</b>	New change

**Before :**

ASN.1 Type Constraint Declaration	
Constraint Name:	f_SIB12_Max ( p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_IntraCellInfo4, p_IntraCellInfo5, p_InterCellInfo6, p_InterCellInfo7, p_InterCellInfo8 : CellInfoCfg )
Group:	
Type Name:	SysInfoType12
Derivation Path:	
Encoding Variation:	
Comments:	Default SIB12 for TC_8_1_10 maximum configuration

Constraint Value
<pre> { fach_MeasurementOccasionInfo {   fACH_meas_occasion_coeff 2,   inter_freq_FDD_meas_ind FALSE,   inter_freq_TDD_meas_ind FALSE,   inter_RAT_meas_ind OMIT }, -- @sic T1-050272 sic@ measurementControlSysInfo {   use_of_HCS hcs_not_used : {     cellSelectQualityMeasure cpich_RSCP : {       intraFreqMeasurementSysInfo {         intraFreqMeasurementID OMIT, -- default value         intraFreqCellInfoSI_List {           removedIntraFreqCellList OMIT, -- removedIntraFreqCellList in SIB11 is not used and ignored by the UE           newIntraFreqCellList {             intraFreqCellID p_ActiveCellInfo.cellId,             cellInfo {               cellIndividualOffset OMIT, -- default value               referenceTimeDifferenceToCell OMIT, -- @sic T1-050272 sic@               modeSpecificInfo fdd : {                 primaryCPICH_Info { primaryScramblingCode p_ActiveCellInfo.priScrmCode },                 readSFN_Indicator FALSE,                 tx_DiversityIndicator FALSE               },               cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max -- @sic T1-050272 sic@             }           },           {             intraFreqCellID p_IntraCellInfo2.cellId,             cellInfo {               cellIndividualOffset OMIT, -- default value               referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_IntraCellInfo2.tCell + 38399) MOD 256, -- @sic T1-050272 sic@               modeSpecificInfo fdd : {                 primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo2.priScrmCode },                 primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@                 readSFN_Indicator TRUE,                 tx_DiversityIndicator FALSE               },               cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max -- @sic T1-050272 sic@             }           },           {             intraFreqCellID p_IntraCellInfo3.cellId,             cellInfo {               cellIndividualOffset OMIT, -- default value               referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_IntraCellInfo3.tCell + 38399) MOD 256, -- @sic T1-050272 sic@               modeSpecificInfo fdd : {                 primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo3.priScrmCode },                 primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@                 readSFN_Indicator TRUE,                 tx_DiversityIndicator FALSE               },               cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max -- @sic T1-050272 sic@             }           },           {             intraFreqCellID p_IntraCellInfo4.cellId,             cellInfo {               cellIndividualOffset OMIT, -- default value               referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_IntraCellInfo4.tCell + 38399) MOD 256, -- @sic T1-050272 sic@               modeSpecificInfo fdd : {                 primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo4.priScrmCode },                 primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@                 readSFN_Indicator TRUE,                 tx_DiversityIndicator FALSE               },               cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max -- @sic T1-050272 sic@             }           },           {             intraFreqCellID p_IntraCellInfo5.cellId,             cellInfo {               cellIndividualOffset OMIT, -- default value               referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_IntraCellInfo5.tCell + 38399) MOD 256, -- @sic T1-050272 sic@               modeSpecificInfo fdd : { </pre>



```

    primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo5.priScrmCode },
    primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@
    readSFN_Indicator TRUE,
    tx_DiversityIndicator FALSE
  },
  cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max -- @sic T1-050272 sic@
}
})
},
intraFreqMeasQuantity {
  filterCoefficient OMIT, -- default value
  modeSpecificInfo fdd : {
    intraFreqMeasQuantity_FDD cpich_RSCP
  }
},
reportingInfoForCellDCH {
  intraFreqReportingQuantity {
    activeSetReportingQuantities {
      dummy noReport,
      cellIdentity_reportingIndicator TRUE,
      cellSynchronisationInfoReportingIndicator FALSE,
      modeSpecificInfo fdd : {
        cpich_Ec_N0_reportingIndicator FALSE,
        cpich_RSCP_reportingIndicator TRUE,
        pathloss_reportingIndicator FALSE }
      },
    monitoredSetReportingQuantities {
      dummy noReport,
      cellIdentity_reportingIndicator TRUE,
      cellSynchronisationInfoReportingIndicator TRUE,
      modeSpecificInfo fdd : {
        cpich_Ec_N0_reportingIndicator FALSE,
        cpich_RSCP_reportingIndicator TRUE,
        pathloss_reportingIndicator FALSE }
      }
    },
  measurementReportingMode {
    measurementReportTransferMode acknowledgedModeRLC,
    periodicalOrEventTrigger eventTrigger
  },
  reportCriteria intraFreqReportingCriteria : {
    eventCriteriaList {
      event e1 a : {
        triggeringCondition monitoredSetCellsOnly,
        reportingRange 5,
        forbiddenAffectCellList { fdd : { primaryScramblingCode p_ActiveCellInfo.priScrmCode } }, -- @sic T1-050272 sic@
        w 1,
        reportDeactivationThreshold t2,
        reportingAmount ra4,
        reportingInterval ri4
      },
      hysteresis 0,
      timeToTrigger tt640,
      reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
    },
    {
      event e1 b : {
        triggeringCondition activeSetCellsOnly,
        reportingRange 5,
        forbiddenAffectCellList OMIT,
        w 1},
        hysteresis 0,
        timeToTrigger tt640,
        reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
      },
    {
      event e1 c : {
        replacementActivationThreshold t3,
        reportingAmount ra4,
        reportingInterval ri4
      },
      hysteresis 0,
      timeToTrigger tt640,
      reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
    }
  }
}
})
},
interFreqMeasurementSysInfo
{
  interFreqCellInfoSL_List {
    removedInterFreqCellList OMIT, -- removedInterFreqCellList in SIB11 is not used and ignored by the UE
    newInterFreqCellList {
      interFreqCellID p_InterCellInfo6.cellId,
      frequencyInfo p_InterCellInfo6.frequencyInfo,
      cellInfo {

```

```

cellIndividualOffset OMIT, -- default value
referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_InterCellInfo6.tCell + 38399) MOD 256,-- @sic T1-050272 sic@
modeSpecificInfo fdd : {
  primaryCPICH_Info { primaryScramblingCode p_InterCellInfo6.priScrmCode },
  primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@
  readSFN_Indicator FALSE,
  tx_DiversityIndicator FALSE
},
cellSelectionReselectionInfo OMIT -- value same as the serving cell
}
},
{
interFreqCellID p_InterCellInfo7.cellId,
frequencyInfo OMIT,
cellInfo {
  cellIndividualOffset OMIT, -- default value
  referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_InterCellInfo7.tCell + 38399) MOD 256,-- @sic T1-050272 sic@
  modeSpecificInfo fdd : {
    primaryCPICH_Info { primaryScramblingCode p_InterCellInfo7.priScrmCode },
    primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@
    readSFN_Indicator FALSE,
    tx_DiversityIndicator FALSE
  },
  cellSelectionReselectionInfo OMIT -- value same as the serving cell
}
},
{
interFreqCellID p_InterCellInfo8.cellId,
frequencyInfo OMIT,
cellInfo {
  cellIndividualOffset OMIT, -- default value
  referenceTimeDifferenceToCell accuracy256 : ( p_ActiveCellInfo.tCell - p_InterCellInfo8.tCell + 38399) MOD 256,-- @sic T1-050272 sic@
  modeSpecificInfo fdd : {
    primaryCPICH_Info { primaryScramblingCode p_InterCellInfo8.priScrmCode },
    primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@
    readSFN_Indicator FALSE,
    tx_DiversityIndicator FALSE
  },
  cellSelectionReselectionInfo OMIT -- value same as the serving cell
}
}
}
}
}},
trafficVolumeMeasSysInfo -- @sic T1-050272 sic@
{
  trafficVolumeMeasurementID 5,
  trafficVolumeMeasurementObjectList OMIT,
  trafficVolumeMeasQuantity rlc_BufferPayload : NULL,
  trafficVolumeReportingQuantity {
    rlc_RB_BufferPayload TRUE,
    rlc_RB_BufferPayloadAverage FALSE,
    rlc_RB_BufferPayloadVariance FALSE
  },
  measurementValidity OMIT,
  measurementReportingMode {
    measurementReportTransferMode acknowledgedModeRLC,
    periodicalOrEventTrigger periodical
  },
  reportCriteriaSysInf periodicalReportingCriteria : {
    reportingAmount ra_Infinity,
    reportingInterval rrl8
  }
}
}
}
--nonCriticalExtensions OMIT @sic ER1498 Rel5 sic@
}

```

**After :**

ASN.1 Type Constraint Declaration	
Constraint Name:	c_SIB12_Max ( p_ActiveCellInfo, p_IntraCellInfo2, p_IntraCellInfo3, p_IntraCellInfo4, p_IntraCellInfo5, p_InterCellInfo6, p_InterCellInfo7, p_InterCellInfo8 : CellInfoCfg )
Group:	
Type Name:	SysInfoType12
Derivation Path:	
Encoding Variation:	
Comments:	Default SIB12 for TC_8_1_10 maximum configuration
Constraint Value	
<pre> { fach_MeasurementOccasionInfo {   fACH_meas_occasion_coeff 2,   inter_freq_FDD_meas_ind FALSE,   inter_freq_TDD_meas_ind FALSE,   inter_RAT_meas_ind OMIT }, -- @sic T1-050272 sic@ measurementControlSysInfo {   use_of_HCS hcs_not_used : {     cellSelectQualityMeasure cpich_RSCP : {       intraFreqMeasurementSysInfo {         intraFreqMeasurementID OMIT, -- default value         intraFreqCellInfoSI_List {           removedIntraFreqCellList OMIT, -- removedIntraFreqCellList in SIB11 is not used and ignored by the UE           newIntraFreqCellList {             intraFreqCellID p_ActiveCellInfo.cellId,             cellInfo {               cellIndividualOffset OMIT, -- default value               referenceTimeDifferenceToCell OMIT, -- @sic T1-050272 sic@               modeSpecificInfo fdd : {                 primaryCPICH_Info { primaryScramblingCode p_ActiveCellInfo.priScrmCode },                 readSFN_Indicator FALSE,                 tx_DiversityIndicator FALSE               },               cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max -- @sic T1-050272 sic@             }           },         }       },     }   {     intraFreqCellID p_IntraCellInfo2.cellId,     cellInfo {       cellIndividualOffset OMIT, -- default value       referenceTimeDifferenceToCell OMIT, -- @sic T1-050272 sic@       modeSpecificInfo fdd : {         primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo2.priScrmCode },         primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@         readSFN_Indicator TRUE,         tx_DiversityIndicator FALSE       },       cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max -- @sic T1-050272 sic@     }   },   {     intraFreqCellID p_IntraCellInfo3.cellId,     cellInfo {       cellIndividualOffset OMIT, -- default value       referenceTimeDifferenceToCell OMIT, -- @sic T1-050272 sic@       modeSpecificInfo fdd : {         primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo3.priScrmCode },         primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@         readSFN_Indicator TRUE,         tx_DiversityIndicator FALSE       },       cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max -- @sic T1-050272 sic@     }   },   {     intraFreqCellID p_IntraCellInfo4.cellId,     cellInfo {       cellIndividualOffset OMIT, -- default value       referenceTimeDifferenceToCell OMIT, -- @sic T1-050272 sic@       modeSpecificInfo fdd : {         primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo4.priScrmCode },         primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@         readSFN_Indicator TRUE,         tx_DiversityIndicator FALSE       },       cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max -- @sic T1-050272 sic@     }   },   {     intraFreqCellID p_IntraCellInfo5.cellId,     cellInfo {       cellIndividualOffset OMIT, -- default value       referenceTimeDifferenceToCell OMIT, -- @sic T1-050272 sic@       modeSpecificInfo fdd : { </pre>	

```

        primaryCPICH_Info { primaryScramblingCode p_IntraCellInfo5.priScrmCode },
        primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@
        readSFN_Indicator TRUE,
        tx_DiversityIndicator FALSE
    },
    cellSelectionReselectionInfo c_CellSelReselInfoSIB11_12_RSCP_Max -- @sic T1-050272 sic@
}
}}
},
intraFreqMeasQuantity {
    filterCoefficient OMIT, -- default value
    modeSpecificInfo fdd : {
        intraFreqMeasQuantity_FDD cpich_RSCP
    }
},
reportingInfoForCellDCH {
    intraFreqReportingQuantity {
        activeSetReportingQuantities {
            dummy noReport,
            cellIdentity_reportingIndicator TRUE,
            cellSynchronisationInfoReportingIndicator FALSE,
            modeSpecificInfo fdd : {
                cpich_Ec_NO_reportingIndicator FALSE,
                cpich_RSCP_reportingIndicator TRUE,
                pathloss_reportingIndicator FALSE }
        },
        monitoredSetReportingQuantities {
            dummy noReport,
            cellIdentity_reportingIndicator TRUE,
            cellSynchronisationInfoReportingIndicator TRUE,
            modeSpecificInfo fdd : {
                cpich_Ec_NO_reportingIndicator FALSE,
                cpich_RSCP_reportingIndicator TRUE,
                pathloss_reportingIndicator FALSE }
        }
    },
    measurementReportingMode {
        measurementReportTransferMode acknowledgedModeRLC,
        periodicalOrEventTrigger eventTrigger
    },
    reportCriteria intraFreqReportingCriteria : {
        eventCriteriaList {
            event e1 a : {
                triggeringCondition monitoredSetCellsOnly,
                reportingRange 5,
                forbiddenAffectCellList { fdd : { primaryScramblingCode p_ActiveCellInfo.priScrmCode }}, -- @sic T1-050272 sic@
                w 1,
                reportDeactivationThreshold t2,
                reportingAmount ra4,
                reportingInterval ri4
            },
            hysteresis 0,
            timeToTrigger tt640,
            reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
        },
        {
            event e1 b : {
                triggeringCondition activeSetCellsOnly,
                reportingRange 5,
                forbiddenAffectCellList OMIT,
                w 1,
                hysteresis 0,
                timeToTrigger tt640,
                reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
            },
            {
                event e1 c : {
                    replacementActivationThreshold t3,
                    reportingAmount ra4,
                    reportingInterval ri4
                },
                hysteresis 0,
                timeToTrigger tt640,
                reportingCellStatus withinActiveAndOrMonitoredUsedFreq : e3
            }
        }
    }
}
},
interFreqMeasurementSysInfo
{
    interFreqCellInfoSI_List {
        removedInterFreqCellList OMIT, -- removedInterFreqCellList in SIB11 is not used and ignored by the UE
        newInterFreqCellList { {
            interFreqCellID p_InterCellInfo6.cellId,
            frequencyInfo p_InterCellInfo6.frequencyInfo,
            cellInfo {
                cellIndividualOffset OMIT, -- default value

```

```

referenceTimeDifferenceToCell OMIT, -- @sic T1-050272 sic@
modeSpecificInfo fdd : {
  primaryCPICH_Info { primaryScramblingCode p_InterCellInfo6.priScrmCode },
  primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@
  readSFN_Indicator FALSE,
  tx_DiversityIndicator FALSE
},
cellSelectionReselectionInfo OMIT -- value same as the serving cell
}
},
{
interFreqCellID p_InterCellInfo7.cellId,
frequencyInfo OMIT,
cellInfo {
  cellIndividualOffset OMIT, -- default value
  referenceTimeDifferenceToCell OMIT, -- @sic T1-050272 sic@
  modeSpecificInfo fdd : {
    primaryCPICH_Info { primaryScramblingCode p_InterCellInfo7.priScrmCode },
    primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@
    readSFN_Indicator FALSE,
    tx_DiversityIndicator FALSE
  },
  cellSelectionReselectionInfo OMIT -- value same as the serving cell
}
},
{
interFreqCellID p_InterCellInfo8.cellId,
frequencyInfo OMIT,
cellInfo {
  cellIndividualOffset OMIT, -- default value
  referenceTimeDifferenceToCell OMIT, -- @sic T1-050272 sic@
  modeSpecificInfo fdd : {
    primaryCPICH_Info { primaryScramblingCode p_InterCellInfo8.priScrmCode },
    primaryCPICH_TX_Power 31, -- @sic T1-050272 sic@
    readSFN_Indicator FALSE,
    tx_DiversityIndicator FALSE
  },
  cellSelectionReselectionInfo OMIT -- value same as the serving cell
}
}
}}
}},
trafficVolumeMeasSysInfo -- @sic T1-050272 sic@
{
  trafficVolumeMeasurementID 5,
  trafficVolumeMeasurementObjectList OMIT,
  trafficVolumeMeasQuantity rlc_BufferPayload : NULL,
  trafficVolumeReportingQuantity {
    rlc_RB_BufferPayload TRUE,
    rlc_RB_BufferPayloadAverage FALSE,
    rlc_RB_BufferPayloadVariance FALSE
  },
  measurementValidity OMIT,
  measurementReportingMode {
    measurementReportTransferMode acknowledgedModeRLC,
    periodicalOrEventTrigger periodical
  },
  reportCriteriaSysInf periodicalReportingCriteria : {
    reportingAmount ra_Infinity,
    reportingInterval r18
  }
}
}
--nonCriticalExtensions OMIT @sic ER1498 Rel5 sic@
}

```