Source: **T1**

Title: **CRs to TS 34.123-2 v.5.9.0 for approval**

Agenda item: **5.1.3**

Document for: **Approval**

This document contains the CRs to TS 34.123-2 v.5.9.0. These CRs have been agreed by T1 and are put forward to TSG T for approval.

Doc-2nd-Level	*CR*	*Rev*	*Phase*	*Subject*	*Cat*	*Version-Current*	*Version-New*
T1-041550	168	-	Rel-5	CR to 34.123-2 REL-5; New new radio bearer test case for the support Wideband AMR speech service	F	5.9.0	5.10.0
T1-041563	169	-	Rel-5	Correction to applicability statements of TCs 14.2.63.1 and 14.2.63.2	F	5.9.0	5.10.0
T1-041595	170	-	Rel-5	Update of applicability for MAC-hs test cases	F	5.9.0	5.10.0
T1-041607	171	-	Rel-5	CR to 34.123-2 R5: New test cases for A-GPS transfer to third party	F	5.9.0	5.10.0
T1-041609	172	-	Rel-5	CR to 34.123-2 R5: New test cases for A-GPS privacy options	F	5.9.0	5.10.0
T1-041629	173	-	Rel-5	Applicability Table for new MM test cases	F	5.9.0	5.10.0
T1-041652	174	-	Rel-5	Correction to applicability conditions for HSDPA and other test cases	F	5.9.0	5.10.0
T1-041734	175	-	Rel-5	Addition of applicability for new radio bearer test case for PS streaming and downlink rate up to 128 kbps.	F	5.9.0	5.10.0
T1-041735	176	-	Rel-5	Addition of applicability for new HSDPA radio bearer test cases	F	5.9.0	5.10.0
T1-041940	177	-	Rel-5	Addition of PICS entries for frequency bands III - VI	F	5.9.0	5.10.0
T1-041948	178	-	Rel-5	Applicability table for new Inter-RAT handover test case (Revision of T1-041583)	F	5.9.0	5.10.0
T1-041963	179	-	Rel-5	Addition of new HSDPA test cases to the applicability table	F	5.9.0	5.10.0
T1-041968	180	-	Rel-5	CR to 34.123-2 R5: Removal of test case 17.2.3.5 and merge into 17.2.3.3	F	5.9.0	5.10.0
T1-041969	181	-	Rel-5	CR to 34.123-2 R5: New test cases for A-GPS failure cases	F	5.9.0	5.10.0
T1-041970	182	-	Rel-5	CR to 34.123-2 Rel-5; New HSDPA RRC test cases	B	5.9.0	5.10.0
T1-041625rev1	183	-	Rel-5	Correction to applicability of A-GPS test case 17.2.3.3	F	5.9.0	5.10.0

3GPP TSG-T1 Meeting #25
Malta, 1st ñ 5th November 2004

Tdoc ⌘T1-041563

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-2** **CR** **169** ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	Correction to applicability statements of TCs 14.2.63.1 and 14.2.63.2
Source:	⌘	Nokia, Nortel
Work item code:	⌘	TEI
Date:	⌘	19/10/2004
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

Reason for change:	⌘	UE radio access capability parameters are incorrectly specified in applicability statements of TCs 14.2.63.1 and 14.2.63.2.
Summary of change:	⌘	UE radio access capability parameter values matched to the values needed for ìInteractive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCHî configuration, 10 ms TTI and 20 ms TTI cases.
Consequences if not approved:	⌘	Test case applicability is not specified correctly.

Clauses affected:	⌘	Table A.18c

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

Other comments:	⌘	Affects Rel-5.

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.

<START OF MODIFIED SECTION>

54	Void				
55	Void				
56	Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	34.108 6.10.2.4.1.56			
57	Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	34.108 6.10.2.4.1.57			
58	Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	34.108 6.10.2.4.1.58			
59	Void				
60	Void				
61	Void				
62	Void				
63.1	Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ 10 ms TTI	34.108 6.10.2.4.1.63	DL Max TB bits	8960~~10240~~	
			DL Max CC TB bits	640	
			DL Max TC TB bits	8960~~10240~~	
			DL Max TrCHs	4~~8~~	
			DL Max CCTrCH	1~~2~~	
			DL Max TTI TB	32~~64~~	
			DL Max TFS	32~~256~~	
			DL Max TF	32~~128~~	
			DL TC	Yes	
			UL Max TB bits	2560~~3840~~	
			UL Max CC TB bits	640	
			UL Max TC TB bits	2560~~3840~~	
			UL Max TrCHs	4~~8~~	
			UL Max TTI TB	8	
			UL Max TFS	16~~32~~	
			UL Max TF	32	
			UL TC	Yes	
			Other required UE radio access capability	None	
63.2	Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	34.108 6.10.2.4.1.63	DL Max TB bits	20480~~10240~~	
			DL Max CC TB bits	640	

				DL Max TC TB bits	20480~~10240~~	
				DL Max TrCHs	4~~8~~	
				DL Max CCTrCH	1~~2~~	
				DL Max TTI TB	64	
				DL Max TFS	32~~256~~	
				DL Max TF	32~~128~~	
				DL TC	Yes	
				UL Max TB bits	2560~~3840~~	
				UL Max CC TB bits	640	
				UL Max TC TB bits	2560~~3840~~	
				UL Max TrCHs	4~~8~~	
				UL Max TTI TB	8	
				UL Max TFS	16~~32~~	
				UL Max TF	32	
				UL TC	Yes	
				Other required UE radio access capability	None	

NOTE: To enable UE loopback of test data for the FDD interoperability reference radio bearer configurations having zero rate in uplink or downlink (items 18 to 22, items 47 to 49 and items 54 and 55 in table A.18c) the "Streaming / unknown / UL:14,4 kbps / CS RAB" and "Streaming / unknown / DL:14,4 kbps / CS RAB" have been used instead of the zero-rate uplink and downlink configuration. The impact on the UE radio access capability has been taken into account in the applicbility statement for those items.

<END OF MODIFIED SECTION>

3GPP TSG-T WG1 Meeting #25
St Paulís Bay, Malta, 1-5 November 2004

Tdoc ⌘T1-041607

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-2** **CR** **171** ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	CR to 34.123-2 R5: New test cases for A-GPS transfer to third party
Source:	⌘	Qualcomm
Work item code:	⌘	TEI
Date:	⌘	22/10/2004
Category:	⌘	**F**
Release:	⌘	REL-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	New test cases need to be added to applicability table.
Summary of change:	⌘	Cases 17.2.3.6 and 17.2.3.7 added to table.
Consequences if not approved:	⌘	Test spec and applicability table will be out of sync.

Clauses affected:	⌘	4

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

Other comments:	⌘	Affects REL-5, REL-4 and R99.

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.

4 Recommended test case applicability

[Ö]

SPECIFIC FEATURES				
	Test of autocalling restrictions			
17.1.2	Constraining the access to a single number	R99	C93	All UEs supporting autocalling
17.1.3	Constraining the access to a single number	R99	C93	All UEs supporting autocalling
17.1.4	Behaviour of the MS when its list of blacklisted numbers is full	R99	C94	UEs that are capable of autocalling more than M B-party numbers.
	Location services			
17.2.2.1	LCS Network Induced location request/ UE-Based GPS/ Emergency Call / with USIM	R99	C365	UEs supporting FDD, emergency speech call and UE based Network Assisted GPS
17.2.2.2	LCS Network induced location request/ UE-Based GPS/ Emergency call/ Without USIM	R99	C365	UEs supporting FDD, emergency speech call and UE based Network Assisted GPS
17.2.2.3	LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ With USIM	R99	C383	UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS
17.2.2.4	LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ Without USIM	R99	C383	UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS
17.2.3.1	Void			
17.2.3.2	LCS Mobile originated location request/ UE-Based GPS/ Position estimate request/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.3	LCS Mobile originated location request/ UE-Based GPS/ Assistance data request/ Success	Rel-4	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.4	LCS Mobile originated location request/ UE-Assisted GPS/ Position Estimate/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.3.5	LCS Mobile originated location request/ UE-Based GPS/ Assistance Data Only/ Success	Rel-4	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.6	LCS Mobile originated location request/ UE-Based GPS/ Transfer to third party/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.7	LCS Mobile originated location request/ UE-Assisted GPS/ Transfer to third party/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.4.1	LCS Mobile terminated location request/ UE-Based GPS	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.2	LCS Mobile terminated location request/ UE-Based GPS/ Request of additional assistance data/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.3	LCS Mobile terminated location request/ UE-Based GPS/ Request for additional assistance data/ Failure	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.4	LCS Mobile terminated location request/ UE-Assisted GPS	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.4.5	LCS Mobile terminated location request/ UE-Assisted GPS/ Request for additional assistance data/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS

3GPP TSG-T WG1 Meeting #25
St Paulís Bay, Malta, 1-5 November 2004

Tdoc ⌘T1-041609

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-2** **CR** **172** ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	CR to 34.123-2 R5: New test cases for A-GPS privacy options
Source:	⌘	Qualcomm
Work item code:	⌘	TEI
Date:	⌘	22/10/2004
Category:	⌘	**F**
Release:	⌘	REL-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	New test cases need to be added to applicability table.
Summary of change:	⌘	Cases 17.2.4.6 through 17.2.4.9 added to table.
Consequences if not approved:	⌘	Test spec and applicability table will be out of sync.

Clauses affected:	⌘	4			
Other specs affected:	⌘	Y	N		⌘
			X	Other core specifications	
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Affects REL-5, REL-4 and R99.			

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

4 Recommended test case applicability

[Ö]

SPECIFIC FEATURES				
	Test of autocalling restrictions			
17.1.2	Constraining the access to a single number	R99	C93	All UEs supporting autocalling
17.1.3	Constraining the access to a single number	R99	C93	All UEs supporting autocalling
17.1.4	Behaviour of the MS when its list of blacklisted numbers is full	R99	C94	UEs that are capable of autocalling more than M B-party numbers.
	Location services			
17.2.2.1	LCS Network Induced location request/ UE-Based GPS/ Emergency Call / with USIM	R99	C365	UEs supporting FDD, emergency speech call and UE based Network Assisted GPS
17.2.2.2	LCS Network induced location request/ UE-Based GPS/ Emergency call/ Without USIM	R99	C365	UEs supporting FDD, emergency speech call and UE based Network Assisted GPS
17.2.2.3	LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ With USIM	R99	C383	UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS
17.2.2.4	LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ Without USIM	R99	C383	UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS
17.2.3.1	Void			
17.2.3.2	LCS Mobile originated location request/ UE-Based GPS/ Position estimate request/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.3	LCS Mobile originated location request/ UE-Based GPS/ Assistance data request/ Success	Rel-4	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.4	LCS Mobile originated location request/ UE-Assisted GPS/ Position Estimate/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.3.5	LCS Mobile originated location request/ UE-Based GPS/ Assistance Data Only/ Success	Rel-4	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.1	LCS Mobile terminated location request/ UE-Based GPS	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.2	LCS Mobile terminated location request/ UE-Based GPS/ Request of additional assistance data/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.3	LCS Mobile terminated location request/ UE-Based GPS/ Request for additional assistance data/ Failure	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.4	LCS Mobile terminated location request/ UE-Assisted GPS	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.4.5	LCS Mobile terminated location request/ UE-Assisted GPS/ Request for additional assistance data/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.4.6	LCS Mobile terminated location request/ UE-Based GPS/ Privacy Verification/ Location Allowed if No Response	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.7	LCS Mobile terminated location request/ UE-Based GPS/ Privacy Verification/ Location Not Allowed if No Response	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.4.8	LCS Mobile terminated location request/ UE-Assisted GPS/ Privacy Verification/ Location Allowed if No Response	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.9	LCS Mobile terminated location request/ UE-Assisted GPS/ Privacy Verification/ Location Not Allowed if No Response	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-2** **CR** **173** ⌘**rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	Applicability Table for new MM test cases
Source:	⌘	Motorola
Work item code:	⌘	TEI
Date:	⌘	22/10/2004
Category:	⌘	**F**
Release:	⌘	REL-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change:	⌘	New MM test cases are added.
Summary of change:	⌘	Added applicability statements to the following test cases: 9.4.5.4.4 Location updating/periodic search of the higher priority PLMN, VPLMN in a foreign country ñ higher priority/UE is in automatic mode. 9.4.5.4.5 Location updating/periodic search of the higher priority PLMN, VPLMN in a foreign country ñ lower priority/UE is in automatic mode. 9.4.5.4.6 Location updating/periodic search of the higher priority PLMN, VPLMN in a foreign country ñ List of EPLMN contain HPLMN/UE is in automatic mode.
Consequences if not approved:	⌘	Misalignment between test specifications

Clauses affected:	⌘	4

Other specs affected:	⌘	Y	N		⌘	
			X	Other core specifications		
		X		Test specifications		TS 34.123-1
			X	O&M Specifications		

Other comments:	⌘	This CR affects R99 and later releases.

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

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

4 Recommended test case applicability

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Table 1: Applicability of tests

Clause	Title	Release	Applicability	Comments
9.4.5.4.4	Location updating/periodic search of the higher priority PLMN, VPLMN in a foreign country ñ higher priority/UE is in automatic mode	R99	C98	UEs supporting CS domain services
9.4.5.4.5	Location updating/periodic search of the higher priority PLMN, VPLMN in a foreign country ñ lower priority/UE is in automatic mode	R99	C98	UEs supporting CS domain services
9.4.5.4.6	Location updating/periodic search of the higher priority PLMN, VPLMN in a foreign country ñ List of EPLMN contain HPLMN/UE is in automatic mode	R99	C98	UEs supporting CS domain services

3GPP TSG-T1 Meeting #25
St Paulís Bay, Malta, 1st ñ 5th November 2004

Tdoc ⌘T1-041652

CR-Form-v7.1

CHANGE REQUEST

⌘ **34.123-2** **CR** 174 ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	Correction to applicability conditions for HSDPA and other test cases
Source:	⌘	NEC
Work item code:	⌘	HSDPA
Date:	⌘	22/10/2004
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
Ph2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*
Rel-7 *(Release 7)*

Reason for change: ⌘ In TS 34.123-2 V5.7.0 two CRs were not correctly implemented which leads to incorrect applicability statements (T1-040401, T1-040156). Also in V5.9.0 two CRs affecting HSDPA were not correctly implemented because the support of HS-DPSCH was introduced as A.18a/14 instead of A.18a/13 (T1-041415, T1-041432).
Tables for FDD HS-DSCH physical layer categories and for FDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH are still missing even after 2 CRs adding them (T1-040401, T1-041432).

Summary of change: ⌘ Test cases using lossless SRNS relocation shall refer to a new conditional applicability Cxxx.
TCs 8.2.6.45/46 removed below TC 8.2.3.6.
TC 8.2.6.45 Physical Channel Reconfiguration for transition from CELL_DCH to URA_PCH: Failure (Radio link failure in old configuration) title and applicability corrected.
Correct TC 8.2.6.46 added.
TCs 8.2.6.47/48 added.
For conditional applicability of C364 brackets are needed.
Conditional applicability for C371, C372, C373, C374, C380, C381 and C385 shall refer to A.18a/14 (Support of HS-PDSCH).
Conditional applicability for C372 shall refer to A.18a.1 (new table).
For conditional applicability for C381 brackets are not needed.
Table A.18a.1 added (FDD HS-DSCH physical layer categories).
Table A.18f.1 added (FDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH).
Editorial corrections.

Consequences if not approved:	⌘	Incorrect applicability statements.

Clauses affected:	⌘	4, Annex A			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Applicable for terminals supporting R99 and later or Rel-5 and HSDPA.			

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.

4 Recommended test case applicability

The applicability of each individual test is identified in the table 1. This is just a recommendation based on the purpose for which the test case was written.

The applicability of every test is formally expressed by the use of Boolean expression that are based on parameters (ICS) included in annex A of the present document.

The columns in table 1 have the following meaning:

Clause

The clause column indicates the clause number in TS 34.123-1 that contains the test body.

Title

The title column describes the name of the test.

Release

The release column indicates the earliest release from which each testcase is applicable, except if otherwise stated of an individual test case.

Applicability

The following notations are used for the applicability column:

R	recommended - the test case is recommended
O	optional ñ the test case is optional
N/A	not applicable - in the given context, the test case is not recommended.
Ci	conditional - the test is recommended ("R") or not ("N/A") depending on the support of other items. "i" is an integer identifying an unique conditional status expression which is defined immediately following the table. For nested conditional expressions, the syntax "IF ... THEN (IF ... THEN ... ELSE...) ELSE ..." is used to avoid ambiguities.

Status column

The following notations, defined in ISO/IEC 9646-7, are used for the status column:

A	applicable ñ the applicability is required to be supported.
O	optional ñ the capability may be supported or not.
N/A	not applicable ñ in the given context, it is impossible to use the capability.
X	prohibited (excluded) ñ there is a requirement not to use this capability in the given context.
O.i	qualified optional ñ for mutually exclusive or selectable options from a set. "i" is an integer which identifies an unique group of related optional items and the logic of their selection which is defined immediately following the table.
Ci	conditional ñ the requirement on the capability ("M", "O", "X" or "N/A") depends on the support of other optional or conditional items. "i" is an integer identifying an unique conditional status expression which is defined immediately following the table. For nested conditional expressions, the syntax "IF ... THEN (IF ... THEN ... ELSE...) ELSE ..." shall be used to avoid ambiguities.

Comments

This column contains a verbal description of the condition included in the applicability column.

Table 1: Applicability of tests

Clause	Title	Release	Applicability	Comments
IDLE MODE				
6.1.1.1	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Manual mode	R99	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
6.1.1.2	PLMN selection of "Other PLMN / access technology combinations"; Manual mode	R99	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
6.1.1.3	PLMN selection; independence of RF level and preferred PLMN; Manual mode	R99	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
6.1.1.4	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Automatic mode	R99	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
6.1.1.5	PLMN selection of "Other PLMN / access technology combinations"; Automatic mode	R99	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
6.1.1.7	Cell reselection of ePLMN in manual mode	R99	C01	UEs supporting FDD
6.1.2.1	Cell reselection	R99	C01	UEs supporting FDD
			C02	UEs supporting TDD
6.1.2.2	Cell reselection using Qhyst, Qoffset and Treselection	R99	C01	UEs supporting FDD
			C02	UEs supporting TDD
6.1.2.3	HCS cell reselection	R99	C01	UEs supporting FDD
			C02	UEs supporting TDD
6.1.2.4	HCS cell reselection using reselection timing parameters for the H criterion	R99	C01	UEs supporting FDD.
			C02	UEs supporting TDD
6.1.2.5	HCS Cell reselection using reselection timing parameters for the R criterion	R99	C01	UEs supporting FDD
			C02	UEs supporting TDD
6.1.2.6	Emergency calls	R99	C04	UEs supporting FDD and emergency speech call
			C208	UEs supporting TDD and emergency speech call
6.1.2.7	Void			
6.1.2.8	Cell reselection: Equivalent PLMN	R99	C01	UEs supporting FDD
			C02	UEs supporting TDD
6.1.2.9	Cell reselection using cell status and cell reservations	R99	C01	UEs supporting FDD
			C02	UEs supporting TDD
6.2.1.1	Selection of the correct PLMN and associated RAT	R99	C105	UEs supporting FDD and GSM and PLMN selection
			C50	UEs supporting TDD and GSM and PLMN selection
6.2.1.2	Selection of RAT for HPLMN; Manual mode	R99	C105	UEs supporting FDD and GSM and PLMN selection
			C50	UEs supporting TDD and GSM and PLMN selection
6.2.1.3	Selection of RAT for UPLMN; Manual mode	R99	C105	UEs supporting FDD and GSM and PLMN selection
			C50	UEs supporting TDD and GSM and PLMN selection
6.2.1.4	Selection of RAT for OPLMN; Manual mode	R99	C105	UEs supporting FDD and GSM and PLMN selection
			C50	UEs supporting TDD and GSM and PLMN selection
6.2.1.5	Selection of "Other PLMN / access technology combinations"; Manual mode	R99	C105	UEs supporting FDD and GSM and PLMN selection
			C50	UEs supporting TDD and GSM and PLMN selection
6.2.1.6	Selection of RAT for HPLMN; Automatic mode	R99	C105	UEs supporting FDD and GSM and PLMN selection
			C50	UEs supporting TDD and GSM and PLMN selection
6.2.1.7	Selection of RAT for UPLMN; Automatic mode	R99	C105	UEs supporting FDD and GSM and PLMN selection

Clause	Title	Release	Applicability	Comments
			C50	UEs supporting TDD and GSM and PLMN selection
6.2.1.8	Selection of RAT for OPLMN; Automatic mode	R99	C105	UEs supporting FDD and GSM and PLMN selection
			C50	UEs supporting TDD and GSM and PLMN selection
6.2.1.9	Selection of "Other PLMN / access technology combinations"; Automatic mode	R99	C105	UEs supporting FDD and GSM and PLMN selection
			C50	UEs supporting TDD and GSM and PLMN selection
6.2.2.1	Cell reselection if cell becomes barred or S<0; UTRAN to GSM	R99	C05	UEs supporting FDD and GSM
			C56	UEs supporting TDD and GSM
6.2.2.2	Cell reselection if cell becomes barred or C1<0; GSM to; UTRAN	R99	C05	UEs supporting FDD and GSM
			C56	UEs supporting TDD and GSM
6.2.2.3	Cell reselection timings; GSM to UTRAN	R99	C05	UEs supporting FDD and GSM
			C56	UEs supporting TDD and GSM
LAYER 2				
7.1.1.1	CCCH mapped to RACH/FACH / Invalid TCTF	R99	R	All UEs
7.1.1.2	DTCH or DCCH mapped to RACH/FACH / Invalid TCTF	R99	R	All UEs
7.1.1.3	DTCH or DCCH mapped to RACH/FACH / Invalid C/T Field	R99	R	All UEs
7.1.1.4	DTCH or DCCH mapped to RACH/FACH / Invalid UE ID Type Field	R99	R	All UEs
7.1.1.5	DTCH or DCCH mapped to RACH/FACH / Incorrect UE ID	R99	R	All UEs
7.1.1.6	DTCH or DCCH mapped to DSCH or USCH	R99	C67	UEs supporting PDSCH and/or PUSCH
7.1.1.7	DTCH or DCCH mapped to CPCH	R99	C66	UEs supporting PCPCH
7.1.1.8	DTCH or DCCH mapped to DCH / Invalid C/T Field	R99	R	All UEs
7.1.2.1.1	Void			
7.1.2.1.2	Selection and control of Power Level (3.84 Mcps TDD option)	R99	[FFS]	[FFS]
7.1.2.1.3	Selection and control of Power Level (1.28 Mcps TDD option)	Rel-4	C03	UEs supporting 1.28 Mcps TDD (LCR TDD)
7.1.2.2.1	Void			
7.1.2.2.2	Correct application of Dynamic Persistence (3.84 TDD Mcps option)	R99	[FFS]	[FFS]
7.1.2.2.3	Correct application of Dynamic Persistence (1.28 TDD Mcps option)	Rel-4	C03	UEs supporting 1.28 Mcps TDD (LCR TDD)
7.1.2.3.1	Correct Selection of RACH parameters (FDD)	R99	C01	UEs supporting FDD
7.1.2.3.2	Correct Selection of RACH parameters (3.84 Mcps TDD option)	R99	[FFS]	[FFS]
7.1.2.3.3	Correct Selection of RACH parameters (1.28 Mcps TDD option)	Rel-4	C03	UEs supporting 1.28 Mcps TDD (LCR TDD)
7.1.2.4	Correct Detection and Response to FPACH (1.28 Mcps TDD option)	Rel-4	C03	UEs supporting 1.28 Mcps TDD option (LCR TDD)
7.1.2.4a	Access Service class selection for RACH transmission	R99	R	All UEs
7.1.2.5	Void			
7.1.3.1	Priority handling between data flows of one UE	R99	R	All UEs
7.1.3.2	TFC Selection	R99	C386	UE supporting FDD and radio bearer configuration ìStreaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:16 DL:64 kbps / PS RAB + UL:13.6 DL:13.6 kbps SRBs for DCCHî
7.1.4.1	Control of CPCH transmissions for FDD	R99	C66	UEs supporting PCPCH
7.1.5.1	MAC-hs reordering and stall avoidance	Rel-5	C371	UEs supporting FDD and HS-PDSCH
7.1.5.2	Priority queue handling	Rel-5	C371	UEs supporting FDD and HS-PDSCH
7.1.5.3	MAC-hs PDU header handling	Rel-5	C371	UEs supporting FDD and HS-PDSCH
7.1.5.4	MAC-hs retransmissions	Rel-5	C371	UEs supporting FDD and HS-PDSCH
7.1.5.5	MAC-hs reset	Rel-5	C371	UEs supporting FDD and HS-PDSCH
7.2.1.1	RLC testing / Transparent mode / Segmentation and reassembly	R99	R	All UEs
7.2.2.2	UM RLC / Segmentation and reassembly / Selection of 7 or 15 bit "Length Indicators"	R99	R	All UEs
7.2.2.3	UM RLC / Segmentation and Reassembly / 7-bit "Length Indicators" / Padding	R99	R	All UEs

Clause	Title	Release	Applicability	Comments
7.2.2.4	UM RLC / Segmentation and Reassembly / 7-bit "Length Indicators" / LI = 0	R99	R	All UEs
7.2.2.5	UM RLC / Reassembly / 7-bit "Length Indicators" / Invalid LI value	R99	R	All UEs
7.2.2.6	UM RLC / Reassembly / 7-bit "Length Indicators" / LI value > PDU	R99	R	All UEs
7.2.2.7	UM RLC / Reassembly / 7-bit "Length Indicators" / First data octet LI	R99	R	All UEs
7.2.2.8	UM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / Padding	R99	R	All UEs
7.2.2.9	UM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / LI = 0	R99	R	All UEs
7.2.2.10	UM RLC / Segmentation / 15-bit "Length Indicators" / One octet short LI	R99	R	All UEs
7.2.2.11	UM RLC / Reassembly/ 15-bit "Length Indicators" / Invalid LI value	R99	R	All UEs
7.2.2.12	UM RLC / Reassembly/ 15-bit "Length Indicators" / LI value > PDU size	R99	R	All UEs
7.2.2.13	UM RLC / Reassembly / 15-bit "Length Indicators" / First data octet LI	R99	R	All UEs
7.2.3.2	AM RLC / Segmentation and reassembly / Selection of 7 or 15 bit "Length Indicators"	R99	R	All UEs
7.2.3.3	AM RLC / Segmentation and Reassembly / 7-bit "Length Indicators" / Padding	R99	R	All UEs
7.2.3.4	AM RLC / Segmentation and Reassembly / 7-bit "Length Indicators" / LI = 0	R99	R	All UEs
7.2.3.5	AM RLC / Reassembly / 7-bit "Length Indicators" / Reserved LI value	R99	R	All UEs
7.2.3.6	AM RLC / Reassembly/ 7-bit "Length Indicators" / LI value > PDU	R99	R	All UEs
7.2.3.7	AM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / Padding or Piggy-backed Status	R99	R	All UEs
7.2.3.8	AM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / LI = 0	R99	R	All UEs
7.2.3.9	AM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / One octet short LI	R99	R	All UEs
7.2.3.10	AM RLC / Reassembly/ 15-bit "Length Indicators" / Reserved LI value	R99	R	All UEs
7.2.3.11	AM RLC / Reassembly/ 15-bit "Length Indicators" / LI value > PDU size	R99	R	All UEs
7.2.3.12	AM RLC / Correct use of Sequence Numbering	R99	R	All UEs
7.2.3.13	AM RLC / Control of Transmit Window	R99	R	All UEs
7.2.3.14	AM RLC / Control of Receive Window	R99	R	All UEs
7.2.3.15	AM RLC / Polling for status / Last PDU in transmission queue	R99	R	All UEs
7.2.3.16	AM RLC / Polling for status / Last PDU in retransmission queue	R99	R	All UEs
7.2.3.17	AM RLC / Polling for status / Poll every Poll_PU PDUs	R99	R	All UEs
7.2.3.18	AM RLC / Polling for status / Poll every Poll_SDU SDUs	R99	R	All UEs
7.2.3.19	AM RLC / Polling for status / Timer triggered polling (Timer_Poll_Periodic)	R99	R	All UEs
7.2.3.20	AM RLC / Polling for status / Polling on Poll_Window% of transmission window	R99	R	All UEs
7.2.3.21	AM RLC / Polling for status / Operation of Timer_Poll timer / Timer expiry	R99	R	All UEs
7.2.3.22	AM RLC / Polling for status / Operation of Timer_Poll timer / Stopping Timer_Poll timer	R99	R	All UEs
7.2.3.23	AM RLC / Polling for status / Operation of Timer_Poll timer / Restart of the Timer_Poll timer	R99	R	All UEs
7.2.3.24	AM RLC / Polling for status / Operation of timer Timer_Poll_Prohibit	R99	R	All UEs
7.2.3.25	AM RLC / Receiver Status Triggers / Detection of missing PUs	R99	R	All UEs
7.2.3.26	AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Periodic	R99	R	All UEs
7.2.3.27	AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Prohibit	R99	R	All UEs

Clause	Title	Release	Applicability	Comments
7.2.3.28	AM RLC / Status reporting / Abnormal conditions / Reception of LIST SUFI with Length set to zero	R99	R	All UEs
7.2.3.29	AM RLC / Timer based discard, with explicit signalling / Expiry of Timer_Discard	R99	R	All UEs
7.2.3.29a	AM RLC / Timer based discard, with explicit signalling / Expiry of Timer_Discard when Timer_STATUS_prohibit is active	R99	R	All UEs
7.2.3.30	AM RLC / Timer based discard, with explicit signalling / Obsolete MRW_ACK	R99	R	All UEs
7.2.3.31	AM RLC / Timer based discard, with explicit signalling / Failure of MRW procedure	R99	R	All UEs
7.2.3.32	AM RLC / SDU discard after MaxDAT number of retransmissions	R99	R	All UEs
7.2.3.33	AM RLC / Operation of the RLC Reset procedure / UE Originated	R99	R	All UEs
7.2.3.34	AM RLC / Operation of the RLC Reset procedure / UE Terminated	R99	R	All UEs
7.2.3.35	AM RLC / Reconfiguration of RLC parameters by upper layers	R99	R	All UEs
7.3.2.1.1	IP Header Compression and PID assignment / UE in RLC AM / Transmission of uncompressed Header	R99	C12	UE supporting PS
7.3.2.1.2	IP Header Compression and PID assignment / UE in RLC AM / Transmission of compressed Header	R99	C213	UE supporting PS and IP Header Compression protocol IETF RFC 2507
7.3.2.2.1	IP Header Compression and PID assignment / UE in RLC UM / Transmission of uncompressed Header	R99	C12	UE supporting PS
7.3.2.2.2	IP Header Compression and PID assignment / UE in RLC UM / Transmission of compressed Header	R99	C213	UE supporting PS and IP Header Compression protocol IETF RFC 2507
7.3.2.2.3	IP Header Compression and PID assignment / UE in RLC UM / Extension of used compression methods	R99	C213	UE supporting PS and IP Header Compression protocol IETF RFC 2507
7.3.2.2.4	IP Header Compression and PID assignment / UE in RLC UM / Compression type used for different entities	R99	C214	UE supporting PS, IP Header Compression protocol IETF RFC 2507 and establishment of more than one PDCP entities supporting two radio bearer RLC AM and RLC UM as defined in this test case
7.3.2.2.5	IP Header Compression and PID assignment / UE in RLC UM / Reception of not defined PID values	R99	C213	UE supporting PS and IP Header Compression protocol IETF RFC 2507
7.3.3.1	PDCP sequence numbering when lossless SRNS Relocation / Data transmission if lossless SRNS Relocation is supported	R99	C215	UE supporting PS, IP Header Compression protocol IETF RFC 2507 and lossless SRNS relocation
7.3.3.2	PDCP sequence numbering when lossless SRNS Relocation / Synchronisation of PDCP sequence numbers	R99	C215	UE supporting PS, IP Header Compression protocol IETF RFC 2507 and lossless SRNS relocation
7.3.3.5	UTRAN MOBILITY INFORMATION: Lossless SRNS relocation in CELL_FACH (without pending of ciphering)	R99	~~C371~~Cxxx	UE supporting PS and lossless SRNS relocation
7.3.3.6	Cell Update: Lossless SRNS relocation in CELL_FACH (without pending of ciphering	R99	~~C371~~Cxxx	UE supporting PS and lossless SRNS relocation
7.3.3.7	URA Update: Lossless SRNS relocation in CELL_FACH (without pending of ciphering)	R99	~~C371~~Cxxx	UE supporting PS and lossless SRNS relocation
7.3.3.8	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Lossless SRNS relocation) (without pending of ciphering)	R99	~~C371~~Cxxx	UE supporting PS and lossless SRNS relocation
7.3.3.9	Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Lossless SRNS relocation) (without pending of ciphering)	R99	~~C371~~Cxxx	UE supporting PS and lossless SRNS relocation
7.3.3.10	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Lossless SRNS relocation) (without pending of ciphering)	R99	~~C371~~Cxxx	UE supporting PS and lossless SRNS relocation
7.3.3.11	Transport Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Lossless SRNS relocation) (without pending of ciphering)	R99	~~C371~~Cxxx	UE supporting PS and lossless SRNS relocation

Clause	Title	Release	Applicability	Comments
7.3.5.3.2	UDP/IPv6 or ESP/IPv6 or IPv6 Unacknowledged - Normal U-mode Transmission (without ack)	Rel-4	C382	UE supporting PS and IP Header Compression protocol IETF RFC 3095
7.4.2.1	General BMC message reception / UE in Idle mode	R99	C216	UE supporting PS, BMC and CBS
7.4.2.2	General BMC message reception / UE in RRC connected mode, state CELL_PCH	R99	C216	UE supporting PS, BMC and CBS
7.4.2.3	General BMC message reception / UE in RRC connected mode, state URA_PCH	R99	C216	UE supporting PS, BMC and CBS
7.4.2.4	General BMC message reception / UE in Idle mode (ANSI-41 CB data)	R99	C217	UE supporting PS, BMC and ANSI-41 CB data
7.4.2.5	General BMC message reception / UE in RRC connected mode, state CELL_PCH (ANSI-41 CB data)	R99	C217	UE supporting PS, BMC and ANSI-41 CB data
7.4.2.6	General BMC message reception / UE in RRC connected mode, state URA_PCH (ANSI-41 CB data)	R99	C217	UE supporting PS, BMC and ANSI-41 CB data
7.4.3.1	Reception of certain CBS message types	R99	C218	UE supporting PS, BMC, CBS and BMC DRX Scheduling
RADIO RESOURCE CONTROL				
8.1.1.1	RRC / Paging for Connection in idle mode	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.1.2	RRC / Paging for Connection in connected mode (CELL_PCH)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.1.3	RRC / Paging for Connection in connected mode (URA_PCH)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.1.4	RRC / Paging for notification of BCCH modification in idle mode	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.1.5	RRC / Paging for notification of BCCH modification in connected mode (CELL_PCH)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.1.6	RRC / Paging for notification of BCCH modification in connected mode (URA_PCH)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.1.7	RRC / Paging for Connection in connected mode (CELL_DCH)	R99	C90	UEs supporting FDD and PS domain services and CS domain services.
			C91	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and PS domain services and CS domain services.
8.1.1.8	RRC / Paging for Connection in connected mode (CELL_FACH)	R99	C90	UEs supporting FDD and PS domain services and CS domain services.
			C91	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and PS domain services and CS domain services.
8.1.1.9	RRC / Paging for Connection in idle mode (multiple paging records)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.1.10	RRC / Paging for Connection in connected mode (URA_PCH, multiple paging records)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.2.1	RRC / RRC Connection Establishment in CELL_DCH state: Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.2	RRC / RRC Connection Establishment: Success after T300 timeout	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.3	RRC / RRC Connection Establishment:	R99	C01	UEs supporting FDD.

Clause	Title	Release	Applicability	Comments
	Failure (V300 is greater than N300)		C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.4	RRC / RRC Connection Establishment: Reject ("wait time" is not equal to 0)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.5	RRC / RRC Connection Establishment: Reject ("wait time" is not equal to 0 and V300 is greater than N300)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.6	RRC / RRC Connection Establishment: Reject ("wait time" is set to 0)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.7	RRC / RRC Connection Establishment in CELL_FACH state: Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.8	Void			
8.1.2.9	RRC / RRC Connection Establishment: Success after Physical channel failure and Invalid configuration	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.10	RRC / RRC connection establishment in CELL_DCH on another frequency	R99	C01	UEs supporting FDD.
8.1.2.11	RRC Connection Establishment in FACH state (Frequency band modification): Success	R99	C01	UEs supporting FDD.
8.1.2.12	RRC Connection Establishment: Reject with interRATInfo is set to GSM	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.1.2.13	RRC Connection Establishment: Reject with InterRATInfo is set to GSM and selection to the designated system fails	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.1.3.1	RRC / RRC Connection Release in CELL_DCH state: Successful	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.3.2	RRC / RRC Connection Release using on DCCH in CELL_FACH state: Successful	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.3.3	RRC / RRC Connection Release using on CCCH in CELL_FACH state: Failure	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.3.4	RRC / RRC Connection Release in CELL_FACH state: Failure	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.3.5	RRC / RRC Connection Release in CELL_FACH state: Invalid message	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.3.6	RRC / RRC Connection Release in CELL_DCH state (Frequency band modification): Success	R99	C01	UEs supporting FDD.
8.1.3.7	RRC Connection Release in CELL_FACH state (Frequency band modification): Success	R99	C01	UEs supporting FDD.
8.1.3.8	Void			
8.1.3.9	RRC Connection Release in CELL_DCH state (Network Authentication Failure): Success	R99	C01	UEs supporting FDD.
8.1.5.1	RRC / UE Capability in CELL_DCH state: Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.5.2	RRC / UE Capability in CELL_DCH state: Success after T304 timeout	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.5.3	RRC / UE Capability in CELL_DCH state: Failure (After N304 re-transmissions)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.5.4	RRC / UE Capability in CELL_FACH state: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
8.1.5.5	RRC / UE Capability in CELL_FACH state: Success after T304 timeout	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.5.6	UE Capability Information/ Reporting Of InterRAT Specific UE RadioAccessCapability.	R99	C05	UEs supporting FDD and GSM.
8.1.6.1	Direct Transfer in CELL_DCH state (invalid message reception and no signalling connection exists)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.6.2	Direct Transfer in CELL_FACH state (invalid message reception and no signalling connection exists)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.6.3	Measurement Report on INITIAL DIRECTTRANSFER message and UPLINK DIRECT TRANSFER message	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.1.6.4	UPLINK Direct Transfer (RLC re-establishment)	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.1.7.1	RRC / Security mode control in CELL_DCH state	R99	C356	UEs supporting FDD and supporting CS bearer service.
			C357	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting CS bearer service.
8.1.7.1b	Security mode command in CELL_DCH state (PS Domain)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.7.1c	Security mode control in CELL_DCH state (CN Domain switch and new keys at RRC message sequence number wrap around)	R99	C90	UEs supporting FDD and PS domain services and CS domain services.
			C91	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and PS domain services and CS domain services.
8.1.7.1d	Security mode control in CELL_DCH state interrupted by a cell update	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.7.2	RRC / Security mode control in CELL_FACH state	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.8.1	Counter check in CELL_DCH state, with symmetrical RAB	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.8.2	RRC / Counter check in CELL_FACH state	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.8.3	Counter check in CELL_DCH state, with asymmetric RAB	R99	C01	UEs supporting FDD
8.1.9	RRC / Signalling Connection Release Indication	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.9a	Signalling Connection Release Indication (RLC re-establishment): CS signalling connection release	R99	C01	UEs supporting FDD.
8.1.9b	Signalling Connection Release Indication (RLC re-establishment): PS signalling connection release	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.1.10.1	Dynamic change of segmentation, concatenation & scheduling and handling of unsupported information blocks	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option

Clause	Title	Release	Applicability	Comments
8.1.11	RRC / Signalling Connection Release (Invalid configuration)	Rí99	C01	UEs supporting FDD.
8.1.12	Integrity Protection	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.1	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.2	Void			
8.2.1.3	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.4	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Physical channel Failure and successful reversion to old configuration)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.5	Void			
8.2.1.6	Void			
8.2.1.7	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception and invalid configuration)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.8	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.9	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.10	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.11	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.12	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and successful reversion to old configuration)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.13	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and reversion failure)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.14	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.15	Void			

Clause	Title	Release	Applicability	Comments
8.2.1.16	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_FACH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.17	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Subsequently received)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.18	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.19	Void			
8.2.1.20	Void			
8.2.1.21	Void			
8.2.1.22	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.23	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH (Frequency band modification): Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.24	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH (Frequency band modification): Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.2.1.25	Radio Bearer Establishment for transition from CELL_FACH to CELL_FACH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.26	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Transparent mode with ciphering on)	R99	C356	UEs supporting FDD and CS bearer service.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.2.1.27	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (two radio links, start of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.1.28	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (RB mapping for both DL DCH and HS-DSCH in cell without HS-DSCH support)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.1.29	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Uplink TFCS restriction, start of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.1.30	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, start of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.2.1	RRC / Radio Bearer Reconfiguration (Hard Handover) from CELL_DCH to CELL_DCH: Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.2.2	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.2.3	Void			
8.2.2.4	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.2.5	Void			
8.2.2.6	Void			
8.2.2.7	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Continue and stop)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option

Clause	Title	Release	Applicability	Comments
8.2.2.8	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.9	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success (Cell re-selection)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.10	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.11	Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.12	Void			
8.2.2.13	Void			
8.2.2.14	Void			
8.2.2.15	Void			
8.2.2.16	Void			
8.2.2.17	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.18	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success (Cell re-selection)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.19	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.2.20	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.21	Void			
8.2.2.22	Void			
8.2.2.23	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.24	Void			

Clause	Title	Release	Applicability	Comments
8.2.2.25	RRC / Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH including modification of previously signalled CELL_DCH configuration	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.26	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Incompatible Simultaneous Reconfiguration)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.2.2.27	Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH (Frequency band modification): Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.2.2.28	Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_FACH (Transport channel type switching with frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.29	Void			
8.2.2.30	Void			
8.2.2.31	Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.32	Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_FACH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.33	Void			
8.2.2.34	Radio Bearer Reconfiguration for transition from CELL_FACH to URA_PCH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.35	Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Successful channel switching with multiple PS RABs established	R99	C358	UEs supporting FDD and supporting PS bearer service and secondary PDP context activation.
		R99	C364	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service and secondary PDP context activation.
8.2.2.36	Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Start and stop of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.2.37	Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and from CELL_DCH to CELL_FACH: Success (start and stop of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.2.38	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (with active HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.2.39	Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, start and stop of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.2.40	Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_FACH and from CELL_FACH to CELL_DCH: Success (frequency band modification, start and stop of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.3.1	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option

Clause	Title	Release	Applicability	Comments
8.2.3.2	Void			
8.2.3.3	Void			
8.2.3.4	Void			
8.2.3.5	Void			
8.2.3.6	Void			
~~8.2.6.45~~	~~Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Compressed mode initiation, with active HS-DSCH reception): Success~~	~~Rel-5~~	~~C385~~	~~UEs supporting FDD and HS-PDSCH and supporting downlink compressed mode or supporting uplink and downlink compressed mode~~
~~8.2.6.46~~	~~Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH: Success (serving HS-DSCH cell change, timing re-initialized hard handover, compressed mode)~~	~~Rel-5~~	~~C385~~	~~UEs supporting FDD and HS-PDSCH and supporting downlink compressed mode or supporting uplink and downlink compressed mode~~
8.2.3.7	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.8	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.9	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.10	Void			
8.2.3.11	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and successful reversion to old configuration)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.12	Void			
8.2.3.13	Void			
8.2.3.14	Void			
8.2.3.15	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_FACH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.16	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Subsequently received)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.3.17	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.18	RRC / Radio Bearer Release from CELL_DCH to CELL_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.19	RRC / Radio Bearer Release from CELL_DCH to URA_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
8.2.3.20	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH (Frequency band modification): Success	R99	C01	UEs supporting FDD.
8.2.3.21	RRC / Radio Bearer Release from CELL_DCH to CELL_PCH (Frequency band modification): Success	R99	C01	UEs supporting FDD.
8.2.3.22	Radio Bearer Release for transition from CELL_FACH to CELL_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service
8.2.3.23	Radio Bearer Release for transition from CELL_FACH to URA_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service
8.2.3.24	Radio Bearer Release for transition from CELL_DCH to CELL_DCH (Frequency band modification): Success	R99	C01	UEs supporting FDD
8.2.3.25	Radio Bearer Release for transition from CELL_DCH to URA_PCH (Frequency band modification): Success	R99	C01	UEs supporting FDD.
8.2.3.26	Radio Bearer Release for transition from CELL_FACH to CELL_PCH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.27	Radio Bearer Release for transition from CELL_FACH to URA_PCH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.28	Radio Bearer Release for transition from CELL_FACH to CELL_FACH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.3.29	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Associated with signalling connection release during multi call for PS and CS services	R99	C228	UEs supporting FDD and supporting CS bearer service and supporting PS bearer service and supporting Multi call.
8.2.3.30	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (stop of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.4.1	RRC / Transport channel reconfiguration (Timing re- initialised hard handover with transmission rate modification) from CELL_DCH to CELL_DCH (Hard handover to same radio frequency): Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.4.1a	RRC / Transport channel reconfiguration (Transmission Rate Modification) from CELL_DCH to CELL_DCH of the same cell: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.2	Void			
8.2.4.3	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.4.4	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.2.4.5	Void			
8.2.4.6	Void			
8.2.4.7	Void			
8.2.4.8	Void			
8.2.4.9	Void			
8.2.4.10	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.4.11	Void			
8.2.4.12	Void			
8.2.4.13	Void			
8.2.4.14	Void			
8.2.4.15	Void			
8.2.4.16	Void			
8.2.4.17	Void			

Clause	Title	Release	Applicability	Comments
8.2.4.18	RRC / Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.4.19	RRC / Transport Channel Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.4.20	Void			
8.2.4.21	Void			
8.2.4.22	Void			
8.2.4.23	Void			
8.2.4.24	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Success with uplink transmission rate modification	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.25	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.26	Void			
8.2.4.27	Void			
8.2.4.28	Void			
8.2.4.29	Transport Channel Reconfiguration for transition from CELL_DCH to CELL_DCH (Frequency band modification): Success	R99	C01	UEs supporting FDD.
8.2.4.30	Void			
8.2.4.31	Void			
8.2.4.32	Void			
8.2.4.33	Void			
8.2.4.34	Void			
8.2.4.35	Void			
8.2.5.1	Void			
8.2.5.2	Void			
8.2.5.3	Void			
8.2.5.4	RRC / Transport format combination Control in CELL_DCH: Failure (Invalid message reception and invalid configuration)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.6.1	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.6.2	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Unsupported configuration)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.6.3	Void			
8.2.6.4	Void			
8.2.6.5	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Incompatible simultaneous reconfiguration)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.6.6	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Invalid message reception and invalid configuration)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.6.7	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.8	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH:	R99	C06	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
	Success (Cell re-selection)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.9	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.10	Void			
8.2.6.11	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and successful reversion to old configuration)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.12	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and cellupdate)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.13	Void			
8.2.6.14	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception and invalid configuration)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.15	Void			
8.2.6.16	Void			
8.2.6.17	RRC / Physical Channel Reconfiguration from CELL_DCH to CELL_DCH (Hard Handover for code modification): Success (Subsequently received)	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.6.18	RRC / Physical Channel Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.19	RRC / Physical channel from CELL_DCH to CELL_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.20	RRC / Physical channel from CELL_DCH to URA_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.21	RRC / Physical channel reconfiguration for transition from CELL_FACH to URA_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.22	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
8.2.6.23	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing maintain): Success	R99	C01	UEs supporting FDD.
8.2.6.24	Void			
8.2.6.25	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.26	RRC / Physical Channel Reconfiguration from CELL_DCH to CELL_PCH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.27	RRC / Physical channel reconfiguration from CELL_FACH to CELL_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.28	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Downlink channelisation code modification): Success	R99	C01	UEs supporting FDD
8.2.6.29	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Compressed mode initiation): Success	R99	C368	UEs supporting FDD and supporting downlink compressed mode or supporting uplink and downlink compressed mode or supporting uplink compressed mode.
8.2.6.30	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Modify active set cell): Success	R99	C01	UEs supporting FDD
8.2.6.31	RRC / Physical channel reconfiguration transition from CELL_FACH to URA_PCH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.32	RRC / Physical channel reconfiguration for transition from CELL_DCH to URA_PCH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.33	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.34	RRC / Physical channel reconfiguration from CELL_FACH to CELL_PCH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.35	RRC / Physical channel reconfiguration for transition from CELL_FACH to URA_PCH (Frequency band modification): Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.36	Physical channel reconfiguration for transition from CELL_FACH to CELL FACH with frequency band modification	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.6.37	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing re-initialised	R99	C01	UEs supporting FDD.
8.2.6.37a	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing re-initialised) (1.28 Mcps TDD)	Rel-4	C03	UEs supporting 1.28 Mcps TDD (LCR TDD)
8.2.6.38	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing re-initialised): Failure (Physical channel failure and reversion to old channel)	R99	C01	UEs supporting FDD.
8.2.6.39	RRC / Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH (without pending of ciphering)	R99	C01	UEs supporting FDD.
8.2.6.39a	Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (serving HS-DSCH cell change without MAC-hs reset)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.6.39b	Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (serving HS-DSCH cell change with MAC-hs reset)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.6.40	Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Two radio links, change of HS-PDSCH configuration)	Rel-5	C371	UEs supporting FDD and HS-PDSCH

Clause	Title	Release	Applicability	Comments
8.2.6.41	Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, signalling only)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.6.42	Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialized hard handover to another frequency, Serving HS-DSCH cell change)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.6.43	Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Seamless SRNS relocation with pending of ciphering)	R99	C01	UEs supporting FDD.
8.2.6.44	Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Failure (Radio link failure in new configuration)	R99	C01	UEs supporting FDD.
8.2.6.45	Physical Channel Reconfiguration for transition from CELL_DCH to URA_PCH: Failure (Radio link failure in old configuration)~~Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing re-initialised. Serving HS-DSCH cell change): Failure (Physical channel failure and reversion to old channel)~~	R99~~Rel-5~~	C06~~C371~~	UEs supporting FDD and supporting PS bearer service.~~UEs supporting FDD and HS-PDSCH~~
8.2.6.46	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing re-initialised. Serving HS-DSCH cell change): Failure (Physical channel failure and reversion to old channel)	Rel-5	C371	UEs supporting FDD and HS-PDSCH.
8.2.6.47	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Compressed mode initiation, with active HS-DSCH reception): Success	Rel-5	C385	UEs supporting FDD and HS-PDSCH and supporting downlink compressed mode or supporting uplink and downlink compressed mode.
8.2.6.48	Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialized hard handover to another frequency, serving HS-DSCH cell change, compressed mode)	Rel-5	C385	UEs supporting FDD and HS-PDSCH and supporting downlink compressed mode or supporting uplink and downlink compressed mode.
8.2.7	RRC / Physical Shared Channel Allocation [TDD only]	R99	[FFS]	Inclusion of this test cases if FFS
8.2.8	RRC / PUSCH capacity request [TDD only]	R99	[FFS]	Inclusion of this test cases if FFS
8.3.1.1	RRC / Cell Update: cell reselection in CELL_FACH	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.2	RRC / Cell Update: cell reselection in CELL_PCH	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.3	RRC / Cell Update: periodical cell update in CELL_FACH	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.4	RRC / Cell Update: periodical cell update in CELL_PCH	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.5	RRC / Cell Update: UL data transmission in URA_PCH	R99	C90	UEs supporting FDD and PS domain services and CS domain services.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.6	RRC / Cell Update: UL data transmission in CELL_PCH	R99	C90	UEs supporting FDD and PS domain services and CS domain services.

Clause	Title	Release	Applicability	Comments
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.7	Void			
8.3.1.8	Void			
8.3.1.9	RRC / Cell Update: re-entering of service area after T305 expiry and being out of service area	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.10	RRC / Cell Update: expiry of T307 after T305 expiry and being out of service area	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.11	RRC / Cell Update: Success after T302 time-out	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.12	RRC / Cell Update: Failure (After Maximum Re-transmissions)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.13	RRC / Cell Update: Reception of Invalid CELL UPDATE CONFIRM message	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.14	RRC / Cell Update: Incompatible simultaneous reconfiguration	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.15	RRC / Cell Update: Unrecoverable error in Acknowledged Mode RLC	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.3.1.16	Void			
8.3.1.17	RRC / Cell Update: Failure (UTRAN initiate an RRC connection release procedure on CCCH)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.18	RRC / Cell Update: Radio Link Failure (T314>0, T315=0), CS RAB established	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.3.1.19	Void			
8.3.1.20	RRC / Cell Update: Reception of CELL UPDATE CONFIRM Message that causes invalid configuration	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.21	Cell Update: Cell reselection to cell of another PLMN belonging to the equivalent PLMN list	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.3.1.22	Cell update: Restricted cell reselection to a cell belonging to forbidden LA list (Cell_FACH)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.23	Cell Update: HCS cell reselection in CELL_FACH	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.3.1.24	Cell Update: HCS cell reselection in CELL_PCH	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.25	CELL UPDATE: Radio Link Failure (T314=0, T315=0)	R99	C01	UEs supporting FDD.

Clause	Title	Release	Applicability	Comments
8.3.1.26	Cell Update: Radio Link Failure (T314>0, T315=0), PS RAB established	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.27	Cell Update: Radio Link Failure (T314=0, T315>0), CS RAB	R99	C01	UEs supporting FDD.
8.3.1.28	Cell Update: Radio Link Failure (T314=0, T315>0), PS RAB	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.29	Cell Update: Radio Link Failure (T314>0, T315>0), CS RAB	R99	C01	UEs supporting FDD.
8.3.1.30	Cell Update: Radio Link Failure (T314>0, T315>0), PS RAB	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.31	Cell Update: re-entering of service area from URA_PCH after T316 expiry but before T317 expiry	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.1.32	Cell Update: Transition from URA_PCH to CELL_DCH, start of HS-DSCH reception	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.3.1.33	Cell Update: Transition from CELL_PCH to CELL_DCH, start of HS-DSCH reception, frequency band modification	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.3.2.1	RRC / URA Update: Change of URA	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.2.2	RRC / URA Update: Periodical URA update and Reception of Invalid message	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.2.3	Void			
8.3.2.4	RRC / URA Update: loss of service after expiry of timers T307 after T306	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.2.5	RRC / URA Update: Success after Confirmation error of URA-ID list	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.2.6	RRC / URA Update: Failure (V303 is greater than N303: Confirmation error of URA-ID list)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.2.7	RRC / URA Update: Success after T303 timeout	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.2.8	Void			
8.3.2.9	RRC / URA Update: Failure (UTRAN initiate an RRC connection release procedure on CCCH)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.2.10	RRC / URA Update: Reception of URA UPDATE CONFIRM message that causes invalid configuration	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.2.11	URA Update: Cell reselection to cell of another PLMN belonging to the equivalent PLMN list	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.2.12	Restricted cell reselection to a cell belonging	R99	C06	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
	to forbidden LA list (URA_PCH)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.2.13	URA Update: Change of URA due to HCS Cell Reselection	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.3.1	RRC / UTRAN Mobility Information: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.3.2	RRC / UTRAN Mobility Information: Failure (Invalid message reception)	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.3.3.3	RRC / UTRAN Mobility Information: Seamless SRNS relocation in CELL_DCH (without pending of ciphering)	R99	C01	UEs supporting FDD.
8.3.4.1	RRC / Active set update in soft handover: Radio Link addition	R99	C01	UEs supporting FDD.
8.3.4.2	RRC / Active set update in soft handover: Radio Link removal	R99	C01	UEs supporting FDD.
8.3.4.3	RRC / Active set update in soft handover: Combined radio link addition and removal	R99	C01	UEs supporting FDD.
8.3.4.4	RRC / Active set update in soft handover: Invalid Configuration	R99	C01	UEs supporting FDD.
8.3.4.5	RRC / Active set update in soft handover: Reception of an ACTIVE SET UPDATE message in wrong state	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.3.4.6	Void			
8.3.4.7	RRC / Active set update in soft handover: Invalid Message Reception	R99	C01	UEs supporting FDD.
8.3.4.8	RRC / Active set update in soft handover: Radio Link addition in multiple radio link environment	R99	C01	UEs supporting FDD.
8.3.4.9	Active set update in soft handover: Radio Link removal (stop of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.3.5.1	Void			
8.3.5.2	Void			
8.3.5.3	Void			
8.3.7.1	Inter system handover from UTRAN/To GSM/Speech/Success	R99	C95	UEs supporting FDD and GSM and supporting speech
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.3.7.2	Inter system handover from UTRAN/To GSM/Data/Same data rate/Success	R99	C375	UEs supporting FDD and GSM and one or more CS bearer services up to and including 14 400 bit/s.
			C60	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM.
8.3.7.2a	Inter system handover from UTRAN/To GSM/Data/Same data rate/Extended Rates/Success	R99	C376	UEs supporting FDD and GSM and one or more HSCSD bearer services equal to or greater than 14 400 bit/s.
			C60	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM.
8.3.7.3	Inter system handover from UTRAN/To GSM/Data/Data rate down grading/Success	R99	C375	UEs supporting FDD and GSM and one or more CS bearer services up to and including 14 400 bit/s.
			C60	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM
8.3.7.3a	Inter system handover from UTRAN/To GSM/Data/Data rate down grading/Extended Rates/Success	R99	C376	UEs supporting FDD and GSM and one or more HSCSD bearer services equal to or greater than 14 400 bit/s.
			C60	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM
8.3.7.4	Inter system handover from UTRAN/To GSM/Speech/Establishment/Success	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.

Clause	Title	Release	Applicability	Comments
8.3.7.5	Inter system handover from UTRAN/To GSM/Speech/Failure	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.3.7.6	Inter system handover from UTRAN/To GSM/Speech/Failure (L2 Establishment)	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.3.7.7	Inter system handover from UTRAN/To GSM/Speech/Failure (L1 Synchronization)	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.3.7.8	Inter system handover from UTRAN/To GSM/Speech/Failure (Invalid Inter-RAT message)	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.3.7.9	Inter system handover from UTRAN/To GSM/Speech/Failure (Unsupported configuration)	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.3.7.10	Inter system handover from UTRAN/To GSM/Speech/Failure (Reception by UE in CELL_FACH)	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.3.7.11	Inter system handover from UTRAN/To GSM/Speech/Failure (Invalid message reception)	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.3.7.12	Inter system handover from UTRAN/To GSM/Speech/Failure (Physical channel Failure and Reversion Failure)	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.3.7.13	Inter system handover from UTRAN/To GSM/ success / call under establishment	R99	C95	UEs supporting FDD and GSM and supporting speech.
			C59	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech.
8.3.7.14	Inter system handover from UTRAN/To GSM/Speech/Success (stop of HS-DSCH reception)	Rel-5	C380	UEs supporting FDD and GSM and supporting speech and HS-PDSCH
8.3.7.15	Inter system handover from UTRAN/To GSM/Speech/Failure(stop of HS-DSCH reception)	Rel-5	C380	UEs supporting FDD and GSM and supporting speech and HS-PDSCH
8.3.8	RRC / Inter system cell reselection to UTRAN	R99	[FFS]	Inclusion of this test case is FFS
8.3.9	RRC / Inter system cell reselection from UTRAN	R99	[FFS]	Inclusion of this test case is FFS
8.3.9.1	Cell reselection if cell becomes barred or S<0; UTRAN to GPRS (CELL_FACH)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.9.2	Cell reselection if cell becomes barred or S<0; UTRAN to GPRS (URA_PCH)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.9.3	Cell reselection if S<0; UTRAN to GPRS (UE in CELL_FACH fails to complete an inter-RAT cell reselection)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.9.4	Cell reselection if S<0; UTRAN to GPRS (UE in CELL_PCH fails to complete an inter-RAT cell reselection)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.9.5	Successful Cell Reselection with RAU ñ Q_{offset} value modification; UTRAN to GPRS (CELL_FACH)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
Inter-RAT cell change order from UTRAN				
8.3.11.1	Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Success	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.11.2	Inter-RAT cell change order from UTRAN/To GPRS/CELL_FACH/Success	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.11.3	Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Failure (T309 expiry)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.11.4	Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Failure (Physical channel Failure and Reversion Failure)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.11.5	Inter-RAT cell change order from UTRAN/To GPRS/CELL_FACH/Failure (T309 expiry)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.11.6	Inter-RAT cell change order from UTRAN/To GPRS/CELL_FACH/Failure (Physical channel Failure and Reversion Failure)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.11.7	Inter-RAT cell change order from UTRAN/To GPRS/ Failure (Unsupported configuration)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.11.8	Inter-RAT cell change order from UTRAN/To GPRS/ Failure (Invalid Inter-RAT message)	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
8.3.11.9	Inter-RAT Cell Change Order from UTRAN to GPRS/CELL_DCH/Success (stop of HS-DSCH reception)	Rel-5	C381	UEs supporting FDD and GSM. UE supporting PS bearer service and HS-PDSCH
8.3.11.10	Inter-RAT Cell Change Order from UTRAN/To GPRS/CELL_DCH/Failure (Physical channel Failure, stop of HS-DSCH reception)	Rel-5	C381	UEs supporting FDD and GSM. UE supporting PS bearer service and HS-PDSCH
8.4.1.1	RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state (FDD)	R99	C01	UEs supporting FDD.
8.4.1.1A	RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state (TDD)	R99	C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.4.1.2	RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state (FDD)	R99	C01	UEs supporting FDD.
8.4.1.2A	RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state (TDD)	R99	C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.4.1.3	RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_FACH state (FDD)	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.3A	RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_FACH state (TDD)	R99	C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.4.1.4	RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_FACH state (FDD)	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.4A	RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_FACH state (TDD)	R99	C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.4.1.5	RRC / Measurement Control and Report: Intra-frequency measurement for transition from CELL_DCH to CELL_FACH state (FDD)	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.5A	RRC / Measurement Control and Report: Intra-frequency measurement for transition from CELL_DCH to CELL_FACH state (TDD)	R99	C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.4.1.6	RRC / Measurement Control and Report: Inter- frequency measurement for transition from CELL_DCH to CELL_FACH state (FDD)	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.6A	RRC / Measurement Control and Report: Inter- frequency measurement for transition from CELL_DCH to CELL_FACH state (TDD)	R99	C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.4.1.7	RRC / Measurement Control and Report: Intra- frequency measurement for transition from CELL_FACH to CELL_DCH state (FDD)	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.7A	RRC / Measurement Control and Report: Intra- frequency measurement for transition from CELL_FACH to CELL_DCH state (TDD)	R99	C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.4.1.8	RRC / Measurement Control and Report: Inter- frequency measurement for transition from CELL_FACH to CELL_DCH state (FDD)	R99	C06	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
8.4.1.8A	RRC / Measurement Control and Report: Inter- frequency measurement for transition from CELL_FACH to CELL_DCH state (TDD)	R99	C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.4.1.9	RRC / Measurement Control and Report: Unsupported measurement in the UE	R99	C09	UEs supporting FDD and not supporting Inter-system measurement for GSM.
8.4.1.10	RRC / Measurement Control and Report: Failure (Invalid Message Reception)	R99	C01	UEs supporting FDD.
8.4.1.11	void			
8.4.1.12	void			
8.4.1.13	RRC / Measurement Control and Report: Compressed Mode Configuration Failure during physical channel reconfiguration procedure	R99	C55	UEs supporting FDD and supporting downlink compressed mode and supporting Inter-system measurement for GSM
8.4.1.14	RRC / Measurement Control and Report: Cell forbidden to affect reporting range	R99	C01	UEs supporting FDD.
8.4.1.15	RRC / Measurement Control and Report Incomplete	R99	C01	UEs supporting FDD.
8.4.1.16	RRC / Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_FACH state	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.4.1.17	RRC / Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_DCH state	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.4.1.18	RRC / Measurement Control and Report: Traffic volume measurement for transition from CELL_FACH state to CELL_DCH state	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.4.1.19	RRC / Measurement Control and Report: Traffic volume measurement for transition from CELL_DCH to CELL_FACH state	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.4.1.20	Void			
8.4.1.21	Void			
8.4.1.22	RRC / Measurement Control and Report: Quality measurements	R99	C01	UEs supporting FDD.
8.4.1.23	RRC / Measurement Control and Report: Intra-frequency measurement for events 1C and 1D	R99	C01	UEs supporting FDD.
8.4.1.24	RRC / Measurement Control and Report: Inter-frequency measurement for event 2A	R99	C01	UEs supporting FDD.
8.4.1.25	RRC / Measurement Control and Report: Inter-frequency measurement for events 2B and 2E	R99	C01	UEs supporting FDD.
8.4.1.26	RRC / Measurement Control and Report: Measurement for events 2D and 2F	R99	C01	UEs supporting FDD.
8.4.1.27	RRC / Measurement Control and Report: UE internal measurement for events 6A and 6B	R99	C01	UEs supporting FDD.
8.4.1.28	RRC / Measurement Control and Report: UE internal measurement for events 6F and 6G	R99	C01	UEs supporting FDD.
8.4.1.28a	RRC / Measurement Control and Report: UE internal measurement for events 6F (1.28 Mcps TDD)	Rel-4	C03	UEs supporting 1.28 Mcps TDD (LCR TDD)
8.4.1.29	RRC / Measurement Control and Report: Event based Traffic Volume measurement in CELL_FACH state	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.30	RRC / Measurement Control and Report: Event based Traffic Volume measurement in CELL_DCH state	R99	C06	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
8.4.1.31	RRC / Measurement Control and Report: Inter-RAT measurement in CELL_DCH state	R99	C95	UEs supporting FDD and GSM and supporting speech.
8.4.1.32	Void			
8.4.1.33	Measurement Control and Report: Inter-RAT measurement, event 3a	R99	C95	UEs supporting FDD and GSM and supporting speech.
8.4.1.34	Measurement Control and Report: Inter-RAT measurement, event 3b	R99	C95	UEs supporting FDD and GSM and supporting speech.
8.4.1.35	Measurement Control and Report: Inter-RAT measurement, event 3c	R99	C95	UEs supporting FDD and GSM and supporting speech.
8.4.1.36	Measurement Control and Report: Inter-RAT measurement, event 3d	R99	C95	UEs supporting FDD and GSM and supporting speech.
8.4.1.37	Measurement Control and Report: UE internal measurement, event 6c	R99	C356	UEs supporting FDD and CS bearer service.
8.4.1.38	Measurement Control and Report: UE internal measurement, event 6d	R99	C356	UEs supporting FDD and CS bearer service.
8.4.1.39	Measurement Control and Report: UE internal measurement, event 6e	R99	C356	UEs supporting FDD and CS bearer service.
8.4.1.40	Measurement Control and Report: Inter-RAT measurement event 3C in CELL_DCH state using sparse compressed mode pattern	R99	C369	UEs supporting FDD and GSM and supporting speech and supporting downlink compressed mode or supporting uplink and downlink compressed mode or supporting uplink compressed mode.
8.4.1.41	Measurement Control and Report: Additional Measurements list	R99	C01	UEs supporting FDD.
8.4.1.42	Measurement Control and Report: Change of Compressed Mode Method	R99	C359	UEs supporting FDD and PS domain services and CS domain services and supporting compressed mode.
8.4.1.43	Measurement Control and Report: Compressed Mode Reconfiguration	R99	C359	UEs supporting FDD and PS domain services and CS domain services and supporting compressed mode.
8.4.1.44	RRC / Measurement Control and Report: Intra-frequency measurement for events 1H and 1I (TDD)	R99	C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.4.1.45	RRC / Measurement Control and Report: Intra-frequency measurement for events 1G (1.28 Mcps TDD)	Rel-4	C03	UEs supporting 1.28 Mcps TDD (LCR TDD)
MOBILITY MANAGEMENT				
9.1	TMSI reallocation	R99	C98	UEs supporting CS domain services
9.2.1	Authentication accepted	R99	C98	UEs supporting CS domain services
9.2.2	Authentication rejected	R99	C98	UEs supporting CS domain services
9.2.3	Authentication rejected by the UE (MAC code failure)	R99	C98	UEs supporting CS domain services
9.2.4	Authentication rejected by the UE (SQN failure)	R99	C98	UEs supporting CS domain services
9.2.5	Authentication rejected by the UE / fraudulent network	R99	C98	UEs supporting CS domain services
9.3.1	General Identification	R99	C98	UEs supporting CS domain services
9.3.2	Handling of IMSI shorter than the maximum length	R99	C98	UEs supporting CS domain services
9.4.1	Location updating / accepted	R99	C98	UEs supporting CS domain services
9.4.2.1	Location updating / rejected / IMSI invalid	R99	C98	UEs supporting CS domain services
9.4.2.2	Location updating / rejected / PLMN not allowed	R99	C98	UEs supporting CS domain services
9.4.2.3	Location updating / rejected / location area not allowed	R99	C98	UEs supporting CS domain services
9.4.2.4.1	Location updating / rejected / roaming not allowed in this location area / Procedure 1	R99	C98	UEs supporting CS domain services
9.4.2.4.2	Location updating / rejected / roaming not allowed in this location area / Procedure 2	R99	C98	UEs supporting CS domain services
9.4.2.4.3	Location updating / rejected / roaming not allowed in this location area / Procedure 3	R99	C98	UEs supporting CS domain services
9.4.2.4.4	Location updating / rejected / roaming not allowed in this location area / Procedure 4	R99	C98	UEs supporting CS domain services
9.4.2.4.5	Location updating / rejected / roaming not allowed in this location area / Procedure 5	R99	C99	UEs supporting CS domain services UEs supporting USIM removal
9.4.2.5	Location updating / rejected / No Suitable Cells In Location Area	R99	C98	UEs supporting CS domain services
9.4.3.2	Location updating / abnormal cases / attempt counter less or equal to 4, LAI different	R99	C98	UEs supporting CS domain services

Clause	Title	Release	Applicability	Comments
9.4.3.3	Location updating / abnormal cases / attempt counter equal to 4	R99	C98	UEs supporting CS domain services
9.4.3.4	Location updating / abnormal cases / attempt counter less or equal to 4, stored LAI equal to broadcast LAI	R99	C98	UEs supporting CS domain services
9.4.3.5	Location updating / abnormal cases / Failure due to non-integrity protection	R99	C98	UEs supporting CS domain services
9.4.4	Location updating / release / expiry of T3240	R99	C98	UEs supporting CS domain services
9.4.5.1	Location updating / periodic spread	R99	C98	UEs supporting CS domain services
9.4.5.2	Location updating / periodic normal / test 1	R99	C98	UEs supporting CS domain services
9.4.5.3	Location updating / periodic normal / test 2	R99	C98	UEs supporting CS domain services
9.4.5.4.1	Location updating / periodic search for HPLMN or higher priority PLMN / UE waits time T	R99	C98	UEs supporting CS domain services
9.4.5.4.2	Location updating / periodic search for HPLMN or higher priority PLMN / UE in manual mode	R99	C98	UEs supporting CS domain services
9.4.5.4.3	Location updating / periodic search for HPLMN or higher priority PLMN / UE waits at least two minutes and at most T minutes	R99	C98	UEs supporting CS domain services
9.4.6	Location updating / interworking of attach and periodic	R99	C98	UEs supporting CS domain services
9.4.7	Location Updating / accept with replacement or deletion of Equivalent PLMN list	R99	C98	UEs supporting CS domain services
9.4.8	Location Updating after UE power off	R99	C98	UEs supporting CS domain services
9.4.9	Location Updating/ Accept, Interaction between Equivalent PLMNs and Forbidden PLMNs	R99	C98	UEs supporting CS domain services
9.5.2	MM connection / establishment in security mode	R99	C98	UEs supporting CS domain services
9.5.3	Void			
9.5.4	MM connection / establishment rejected	R99	C98	UEs supporting CS domain services
9.5.5	MM connection / establishment rejected cause 4	R99	C98	UEs supporting CS domain services
9.5.6	MM connection / expiry T3230	R99	C98	UEs supporting CS domain services
9.5.7.1	MM connection / abortion by the network / cause #6	R99	C98	UEs supporting CS domain services
9.5.7.2	MM connection / abortion by the network / cause not equal to #6	R99	C100	UEs supporting CS domain services UEs supporting at least one non-call related SS
9.5.8.1	MM connection / follow-on request pending / test 1	R99	C98	UEs supporting CS domain services
9.5.8.2	MM connection / follow-on request pending / test 2	R99	C98	UEs supporting CS domain services
9.5.8.3	MM connection / follow-on request pending / test 3	R99	C98	UEs supporting CS domain services
CALL CONTROL				
10.1.2.1.1	Outgoing call / U0 null state / MM connection requested	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.2.1	Outgoing call / U0.1 MM connection pending / CM service rejected	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.2.2	Outgoing call / U0.1 MM connection pending / CM service accepted	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.2.3	Outgoing call / U0.1 MM connection pending / lower layer failure	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.1	Outgoing call / U1 call initiated / receiving CALL PROCEEDING	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.2	Outgoing call / U1 call initiated / rejecting with RELEASE COMPLETE	R99	C10	UEs supporting at least one mobile originated circuit switched basic service

Clause	Title	Release	Applicability	Comments
10.1.2.3.3	Outgoing call / U1 call initiated / T303 expiry	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.4	Outgoing call / U1 call initiated / lower layer failure	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.5	Outgoing call / U1 call initiated / receiving ALERTING	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.6	Outgoing call / U1 call initiated / entering state U10	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.7	Outgoing call / U1 call initiated / unknown message received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.1	Outgoing call / U3 Mobile originating call proceeding / ALERTING received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.2	Outgoing call / U3 Mobile originating call proceeding / CONNECT received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.3	Outgoing call / U3 Mobile originating call proceeding / PROGRESS received without in band information	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.4	Outgoing call / U3 Mobile originating call proceeding / PROGRESS with in band information	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.5	Outgoing call / U3 Mobile originating call proceeding / DISCONNECT with in band tones	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.6	Outgoing call / U3 Mobile originating call proceeding / DISCONNECT without in band tones	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.7	Outgoing call / U3 Mobile originating call proceeding / RELEASE received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.8	Outgoing call / U3 Mobile originating call proceeding / termination requested by the user	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.9	Outgoing call / U3 Mobile originating call proceeding / traffic channel allocation	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.10	Outgoing call / U3 Mobile originating call proceeding / timer T310 time-out	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.11	Outgoing call / U3 Mobile originating call proceeding / lower layer failure	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.12	Outgoing call / U3 Mobile originating call proceeding / unknown message received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.13	Outgoing call / U3 Mobile originating call proceeding / Internal alerting indication	R99	C13	UEs supporting mobile originated circuit switched basic service for telephony
10.1.2.5.1	Outgoing call / U4 call delivered / CONNECT received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.2	Outgoing call / U4 call delivered / termination requested by the user	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.3	Outgoing call / U4 call delivered / DISCONNECT with in band tones	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.4	Outgoing call / U4 call delivered / DISCONNECT without in band tones	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.5	Outgoing call / U4 call delivered / RELEASE received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.6	Outgoing call / U4 call delivered / lower layer failure	R99	C10	UEs supporting at least one mobile originated circuit switched basic service

Clause	Title	Release	Applicability	Comments
10.1.2.5.7	Outgoing call / U4 call delivered / traffic channel allocation	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.8	Outgoing call / U4 call delivered / unknown message received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.1	U10 active / termination requested by the user	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.2	U10 active / RELEASE received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.3	U10 active / DISCONNECT with in band tones	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.4	U10 active / DISCONNECT without in band tones	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.5	U10 active / RELEASE COMPLETE received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.6	U10 active / SETUP received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.1	U11 disconnect request / clear collision	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.2	U11 disconnect request / RELEASE received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.3	U11 disconnect request / timer T305 time-out	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.4	U11 disconnect request / lower layer failure	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.5	U11 disconnect request / unknown message received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.8.1	U12 disconnect indication / call releasing requested by the user	R99	C13	UEs supporting bearer capability for speech.= UE supporting mobile originated circuit switched basic service for telephony
10.1.2.8.2	U12 disconnect indication / RELEASE received	R99	C13	UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony
10.1.2.8.3	U12 disconnect indication / lower layer failure	R99	C13	UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony
10.1.2.8.4	U12 disconnect indication / unknown message received	R99	C13	UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony
10.1.2.9.1	Outgoing call / U19 release request / timer T308 time-out	R99	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.2	Outgoing call / U19 release request / 2nd timer T308 time-out	R99	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.3	Outgoing call / U19 release request / RELEASE received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.4	Outgoing call / U19 release request / RELEASE COMPLETE received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.5	Outgoing call / U19 release request / lower layer failure	R99	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.3.1.1	Incoming call / U0 null state / SETUP received with a non supported bearer capability	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.All UEs.

Clause	Title	Release	Applicability	Comments
10.1.3.2.1	Incoming call / U6 call present / automatic call rejection	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.3.1	Incoming call / U9 mobile terminating call confirmed / alerting or immediate connecting	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.3.2	Incoming call / U9 mobile terminating call confirmed / DTCH assignment	R99	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.3	Void			
10.1.3.3.4	Incoming call / U9 mobile terminating call confirmed / DISCONNECT received	R99	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.5	Incoming call / U9 mobile terminating call confirmed / RELEASE received	R99	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.6	Incoming call / U9 mobile terminating call confirmed / lower layer failure	R99	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.7	Incoming call / U9 mobile terminating call confirmed / unknown message received	R99	C41	UEs supporting at least MT circuit switched basic service, for which immediate connect is not used.
10.1.3.4.1	Incoming call / U7 call received / call accepted	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.2	Incoming call / U7 call received / termination requested by the user	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.3	Incoming call / U7 call received / DISCONNECT received	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.4	Incoming call / U7 call received / RELEASE received	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.5	Incoming call / U7 call received / lower layer failure	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.6	Incoming call / U7 call received / unknown message received	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.7	Incoming call / U7 call received / DTCH assignment	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.8	Incoming call / U7 call received / RELEASE COMPLETE received	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service, for which immediate connect is not used.
10.1.3.5.1	Incoming call / U8 connect request / CONNECT acknowledged	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.2	Incoming call / U8 connect request / timer T313 time-out	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.3	Incoming call / U8 connect request / termination requested by the user	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.4	Incoming call / U8 connect request / DISCONNECT received with in-band information	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.5	Incoming call / U8 connect request / DISCONNECT received without in-band information	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.6	Incoming call / U8 connect request / RELEASE received	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.

Clause	Title	Release	Applicability	Comments
10.1.3.5.7	Incoming call / U8 connect request / lower layer failure	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.8	Incoming call / U8 connect request / DTCH assignment	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.9	Incoming call / U8 connect request / unknown message received	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.4.1.1	In-call functions / DTMF information transfer / basic procedures	R99	C13	UEs supporting any equipment supporting bearer capability for speech= UE supporting mobile originated circuit switched basic service for telephony
10.1.4.2.1	In-call functions / User notification / UE terminated	R99	C14	UEs supporting at least one circuit switched basic service.
10.1.4.3.1	In-call functions / channel changes / a successful channel change in active state/ Handover and Assignment Command	R99	C14	UEs supporting at least one circuit switched basic service.
10.1.4.3.2	In-call functions / channel changes / an unsuccessful channel change in active mode/ Handover and Assignment Command	R99	C14	UEs supporting at least one circuit switched basic service.
10.3	User to user signalling	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
SESSION MANAGEMENT				
11.1.1.1	Attach initiated by context activation/QoS Offered by Network is the QoS Requested	R99	C12	UE supporting PS domain services.
11.1.1.1a	Attach initiated by context activation/QoS Offered by Network is the QoS Requested/Correct handling of QoS extensions for rates above 8640 kbps	Rel-5	C372	UE supporting FDD and HS-PDSCH and downlink rates above 8640 kbps (i.e. FDD HS-DSCH UE Category 7 or 10)
11.1.1.2.1	Void			
11.1.1.2.2	Void			
11.1.2	PDP context activation requested by the network, successful and unsuccessful	R99	C12	UE supporting PS bearer services.
11.1.3.1	Abnormal Cases / T3380 Expiry	R99	C12	UE supporting PS domain services.
11.1.3.2	Abnormal Cases / Collision of UE initiated and network requested PDP context activation	R99	C17	UE supporting PS domain services configured in such a way that one or more PDP contexts can be active simultaneously.
11.1.3.3	Abnormal Cases / Network initiated PDP context activation request for an already activated PDP context (on the UE side)	R99	C12	UE supporting PS domain services.
11.1.4.1.1	Successful secondary PDP context activation procedure initiated by the UE/QoS Offered by Network is the QoS Requested	R99	C62	UE supporting PS domain services. PDP context activation and secondary PDP context activation.
11.1.4.1.2.1	Void			
11.1.4.1.2.2	Void			
11.1.4.1.2.3	Successful secondary PDP context activation procedure Initiated by the UE/LLC SAPI rejected by UE	R99	C89	UEs supporting FDD and GSM, PS bearer service and secondary PDP context activation.
11.1.4.2	Unsuccessful Secondary PDP Context Activation Procedure Initiated by the UE	R99	C62	UE supporting PS domain services. PDP context activation and secondary PDP context activation.
11.1.4.3.1	Abnormal cases/T3380 Expiry	R99	C62	UE supporting PS domain services. PDP context activation and secondary PDP context activation.
11.2.1	Network initiated PDP context modification	R99	C12	UE supporting PS domain services.
11.2.2.1	UE initiated PDP context modification/UE initiated PDP context modification accepted by network	R99	C12	UE supporting PS domain services.
11.2.2.2	UE initiated PDP context modification/UE initiated PDP context modification not accepted by network	R99	C12	UE supporting PS domain services.
11.2.3.1	Abnormal Cases/T3381 Expiry	R99	C12	UE supporting PS domain services.
11.2.3.2	Collision of UE and network initiated PDP context modification procedures	R99	C12	UE supporting PS domain services.
11.3.1	PDP context deactivation initiated by the UE	R99	C12	UE supporting PS domain services.
11.3.2	PDP context deactivation initiated by the network	R99	C12	UE supporting PS domain services.

Clause	Title	Release	Applicability	Comments
11.3.3.1	Abnormal cases / T3390 Expiry	R99	C12	UE supporting PS domain services.
11.3.3.2	Abnormal cases / Collision of UE and network initiated PDP context deactivation requests	R99	C12	UE supporting PS domain services.
11.4.1	Error cases	R99	C12	UE supporting PS domain services.
PACKET SWITCHED MOBILITY MANAGEMENT				
12.2.1.1	PS attach / accepted	R99	C12	UE supporting PS domain services.
12.2.1.2	PS attach / rejected / IMSI invalid / illegal UE	R99	C12	UE supporting PS domain services.
12.2.1.3	PS attach / rejected / IMSI invalid / PS services not allowed	R99	C12	UE supporting PS domain services.
12.2.1.4	PS attach / rejected / PLMN not allowed	R99	C12	UE supporting PS domain services.
12.2.1.5a	PS attach / rejected / roaming not allowed in this location area	R99	C12	UE supporting PS domain services.
12.2.1.5b	PS attach / rejected / No Suitable Cells In Location Area	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.1.5c	PS attach / rejected / Location area not allowed	R99	C12	UE supporting PS domain services.
12.2.1.5d	PS attach / rejected / PS services not allowed in this PLMN	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.1.6	PS attach / abnormal cases / access barred due to access class control	R99	C12	UE supporting PS domain services.
12.2.1.7	PS attach / abnormal cases / change of routing area	R99	C12	UE supporting PS domain services.
12.2.1.8	PS attach / abnormal cases / power off	R99	C12	UE supporting PS domain services.
12.2.1.9	PS attach / abnormal cases / PS detach procedure collision	R99	C12	UE supporting PS domain services.
12.2.1.10	PS attach / abnormal cases / Failure due to non integrity protection	R99	C12	UE supporting PS domain services.
12.2.2.1	Combined PS attach / PS and non-PS attach accepted	R99	C88	UE supporting PS domain services and CS domain services.
12.2.2.2	Combined PS attach / PS only attach accepted	R99	C88	UE supporting PS domain services and CS domain services.
12.2.2.3	Combined PS attach / PS attach while IMSI attach	R99	C103	UE supports UE operation mode A and does not support automatic PS attach procedure at switch on.
12.2.2.4	Combined PS attach / rejected / IMSI invalid / illegal ME	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.5	Combined PS attach / rejected / PS services and non-PS services not allowed	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.6	Combined PS attach / rejected / PS services not allowed	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.7a	Combined PS attach / rejected / location area not allowed	R99	C78	UE supporting PS domain services and CS domain services (UE supports UE operation mode A) and PS attach attempted automatically by outstanding request.
12.2.2.7b	Combined PS attach / rejected / No Suitable Cells In Location Area	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.7c	Combined PS attach / rejected / Roaming not allowed in this location area	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.7d	Combined PS attach / rejected / PS services not allowed in this PLMN	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.8	Combined PS attach / abnormal cases / attempt counter check / miscellaneous reject causes	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.9	Combined PS attach / abnormal cases / PS detach procedure collision	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.3.1.1	PS detach / power off / accepted	R99	C79	UE supporting PS domain services and supports power on/off.
12.3.1.2	PS detach / accepted	R99	C379	UE supporting PS domain services and user requested PS detach without powering off.
12.3.1.3	PS detach / abnormal cases / attempt counter check / procedure timeout	R99	C12	UE supporting PS domain services.

Clause	Title	Release	Applicability	Comments
12.3.1.4	PS detach / abnormal cases / GMM common procedure collision	R99	C12	UE supporting PS domain services.
12.3.1.5	PS detach / power off / accepted / PS/IMSI detach	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.3.1.6	PS detach / accepted / PS/IMSI detach	R99	C211	UE supporting user requested combined circuit switch and packet switch detach without power off.
12.3.1.7	PS detach / accepted / IMSI detach	R99	C212	UE supporting user requested non-PS detach.
12.3.1.8	PS detach / abnormal cases / change of cell into new routing area	R99	C211	UE supporting user requested combined circuit switch and packet switch detach without power off.
12.3.1.9	PS detach / abnormal cases / PS detach procedure collision	R99	C211	UE supporting user requested combined circuit switch and packet switch detach without power off.
12.3.2.1	PS detach / re-attach not required / accepted	R99	C12	UE supporting PS domain services.
12.3.2.2	PS detach / rejected / IMSI invalid / PS services not allowed	R99	C12	UE supporting PS domain services.
12.3.2.3	PS detach / IMSI detach / accepted	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.3.2.4	PS detach / re-attach requested / accepted	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.3.2.5	PS detach / rejected / location area not allowed	R99	C77	UE supporting PS domain services and PS attach attempted automatically by outstanding request.
12.3.2.6	PS detach / rejected / No Suitable Cells In Location Area	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.3.2.7	PS detach / rejected / Roaming not allowed in this location area	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.3.2.8	PS detach / rejected / PS services not allowed in this PLMN	R99	C12	UE supporting PS domain services.
12.4.1.1a	Routing area updating / accepted	R99	C12	UE supporting PS domain services.
12.4.1.1b	Routing area updating / accepted / Signalling connection re-establishment	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.1.1c	Void			
12.4.1.2	Routing area updating / rejected / IMSI invalid / illegal ME	R99	C12	UE supporting PS domain services.
12.4.1.3a	Routing area updating / rejected / UE identity cannot be derived by the network	R99	C12	UE supporting PS domain services.
12.4.1.4a	Routing area updating / rejected / location area not allowed	R99	C12	UE supporting PS domain services.
12.4.1.4b	Routing area updating / rejected / No Suitable Cells In Location Area	R99	C12	UE supporting PS domain services.
12.4.1.4c	Routing area updating / rejected / PS services not allowed in this PLMN	R99	C12	UE supporting PS domain services.
12.4.1.4d	Routing area updating / rejected / Roaming not allowed in this location area	R99	C12	UE supporting PS domain services.
12.4.1.5	Routing area updating / abnormal cases / attempt counter check / miscellaneous reject causes	R99	C12	UE supporting PS domain services.
12.4.1.6	Routing area updating / abnormal cases / change of cell into new routing area	R99	C12	UE supporting PS domain services.
12.4.1.7	Void			
12.4.1.8	Routing area updating / abnormal cases / P-TMSI reallocation procedure collision	R99	C12	UE supporting PS domain services.
12.4.2.1	Combined routing area updating / combined RA/LA accepted	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.2.2	Combined routing area updating / UE in CS operation at change of RA	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.2.3	Combined routing area updating / RA only accepted	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.2.3a	Void			

Clause	Title	Release	Applicability	Comments
12.4.2.4	Combined routing area updating / rejected / PLMN not allowed	R99	C78	UE supporting PS domain services and CS domain services (UE supports UE operation mode A) and PS attach attempted automatically by outstanding request.
12.4.2.5a	Combined routing area updating / rejected / roaming not allowed in this location area	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.2.5b	Combined routing area updating / rejected / No Suitable Cells In Location Area	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.2.5c	Combined routing area updating / rejected / Location area not allowed	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.2.5d	Combined routing area updating / rejected / PS services not allowed in this PLMN	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.2.6	Combined routing area updating / abnormal cases / access barred due to access class control	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.2.7	Combined routing area updating / abnormal cases / attempt counter check / procedure timeout	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.2.8	Combined routing area updating / abnormal cases / change of cell into new routing area	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.2.9	Void			
12.4.2.10	Combined routing area updating / abnormal cases / PS detach procedure collision	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.3.1	Periodic routing area updating / accepted	R99	C12	UE supporting PS domain services.
12.4.3.2	Periodic routing area updating / accepted / T3312 default value	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.3.3	Periodic routing area updating / no cell available / network mode I	R99	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.4.3.4	Periodic routing area updating / no cell available	R99	C12	UE supporting PS domain services.
12.5	P-TMSI reallocation	R99	C12	UE supporting PS domain services.
12.6.1.1	Authentication accepted	R99	C12	UE supporting PS domain services.
12.6.1.2	Authentication rejected - by the network	R99	C12	UE supporting PS domain services.
12.6.1.3.1	GMM cause ëMAC failureí	R99	C12	UE supporting PS domain services
12.6.1.3.2	GMM cause ëSynch failureí	R99	C12	UE supporting PS domain services
12.6.1.3.3	Authentication rejected by the UE / fraudulent network	R99	C12	UE supporting PS domain services
12.7.1	General Identification	R99	C12	UE supporting PS domain services.
12.8	GMM READY timer handling	R99	C360	UEs supporting FDD and GSM. UE supporting PS bearer service.
12.9.1	Service Request Initiated by UE Procedure	R99	C12	UE supporting PS domain services.
12.9.2	Service Request Initiated by Network Procedure	R99	C12	UE supporting PS domain services.
12.9.3	Service Request / rejected / Illegal MS	R99	C12	UE supporting PS domain services.
12.9.4	Service Request / rejected / PS services not allowed	R99	C12	UE supporting PS domain services.
12.9.5	Service Request / rejected / MS identity cannot be derived by the network	R99	C12	UE supporting PS domain services.
12.9.6	Service Request / rejected / PLMN not allowed	R99	C12	UE supporting PS domain services.
12.9.7a	Service Request / rejected / No PDP context activated	R99	C12	UE supporting PS domain services.
12.9.7b	Service Request / rejected / No Suitable Cells In Location Area	R99	C12	UE supporting PS domain services.
12.9.7c	Service Request / rejected / Roaming not allowed in this location area	R99	C12	UE supporting PS domain services.
12.9.8	Service Request / Abnormal cases / Access barred due to access class control	R99	C12	UE supporting PS domain services.
12.9.9	Service Request / Abnormal cases / Routing area update procedure is triggered	R99	C12	UE supporting PS domain services.
12.9.10	Service Request / Abnormal cases / Power off	R99	C12	UE supporting PS domain services.
12.9.11	Service Request / Abnormal cases / Service request procedure collision	R99	C12	UE supporting PS domain services.

Clause	Title	Release	Applicability	Comments
12.9.12	Service Request / RAB re-establishment / UE initiated / Single PDP context	R99	C12	UE supporting PS domain services.
12.9.13	Service Request / RAB re-establishment / UE initiated / multiple PDP contexts	R99	C311	UE supporting PS domain services and secondary PDP context activation
12.9.14	Service Request / RAB re-establishment / Network initiated / single PDP context	R99	C12	UE supporting PS domain services.
GENERAL TESTS				
13.2.1.1	Emergency call / with USIM / accept case	R99	C96	UEs supporting emergency speech call
13.2.2.1	Emergency call / without USIM / accept case	R99	C96	UEs supporting emergency speech call
13.2.2.2	Emergency call / without USIM / reject case	R99	C96	UEs supporting emergency speech call
RADIO BEARER SERVICES				
	Combinations on DPCH			
14.2.1	Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH	R99	C107	UEs supporting FDD and reference radio bearer configuration "Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH"
14.2.2	Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C108	UEs supporting FDD and reference radio bearer configuration "Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.3	Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH	R99	C109	UEs supporting FDD and reference radio bearer configuration "Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH"
14.2.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C110	UEs supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.4a	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.5	Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C111	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.5a	Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	C57	UE supporting FDD and reference radio bearer configuration ìConversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCHî
14.2.6	Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C112	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.7	Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C113	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.7a	Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	C58	UE supporting FDD and reference radio bearer configuration ìConversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCHî
14.2.8	Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C114	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.9	Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C115	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.10	Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs	R99	C116	UE supporting FDD and reference radio bearer configuration

Clause	Title	Release	Applicability	Comments
	for DCCH			"Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH"
14.2.11	Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH	R99	C117	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH"
14.2.12	Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C118	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.13.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C119	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.13.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	R99	C120	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"
14.2.14.1	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C121	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.14.2	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	R99	C122	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"
14.2.15	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C123	UE supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.16	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C124	UE supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.17	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C125	UE supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.18	Void			
14.2.19	Void			
14.2.20	Void			
14.2.21	Void			
14.2.22	Void			
14.2.23.1	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	R99	C131	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"
14.2.23.2	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	R99	C132	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
14.2.23.3	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	R99	C133	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"
14.2.23.4	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	R99	C134	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4

Clause	Title	Release	Applicability	Comments
				kbps SRBs for DCCH / (CC, 20 ms TTI)"
14.2.23a.1	Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC).	R99	FFS	
14.2.23a.2	Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC).	R99	C76	UE supporting FDD and reference radio bearer configuration ìInteractive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC)î
14.2.23b	Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.23c	Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.23d	Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.24.1	Void			
14.2.24.2	Void			
14.2.25.1	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)	R99	C136	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)"
14.2.25.2	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	R99	C137	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
14.2.25.3	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	R99	C138	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
14.2.25.4	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	R99	C139	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"
14.2.26	Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C140	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.27	Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C141	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.28	Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C142	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.29	Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	R99	C143	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
14.2.30	Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	R99	C144	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
14.2.31.1	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI	R99	C145	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI"

Clause	Title	Release	Applicability	Comments
14.2.31.2	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI	R99	C146	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI"
14.2.32.1	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C147	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.32.2	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C148	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.33.1	Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C149	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.33.2	Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C150	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.34.1	Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C151	UEs supporting FDD and reference radio bearer configuration "Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.34.2	Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C152	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.35.1	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C153	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.35.2	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C154	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.36.1	Void			
14.2.36.2	Void			
14.2.37.1	Void			
14.2.37.2	Void			
14.2.38.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	R99	C159	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
14.2.38.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	R99	C160	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"
14.2.38.3	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	R99	C161	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS

Clause	Title	Release	Applicability	Comments
				RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"
14.2.38.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	R99	C162	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"
14.2.38a	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38b	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38c	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38d	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38e	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38f	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38g	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38h	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38i	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38j	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.39.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	R99	C163	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"
14.2.39.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	R99	C164	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
14.2.39.3	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	R99	C165	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps /

Clause	Title	Release	Applicability	Comments
				PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"
14.2.39.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	R99	C166	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"
14.2.40	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	R99	C167	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH"
14.2.41	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C168	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.42.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C169	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.42.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C170	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.43.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C171	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.43.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C172	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.44.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C173	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.44.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C174	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.45	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C175	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.46	Void			
14.2.47	Void			
14.2.48	Void			

Clause	Title	Release	Applicability	Comments
14.2.49.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C179	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.49.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	R99	C180	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"
14.2.50.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C181	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.50.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	R99	C182	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"
14.2.51.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C183	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.51.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C184	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.51a	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.51b	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.52.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C185	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.52.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C186	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.53.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C187	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.53.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C188	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI +

Clause	Title	Release	Applicability	Comments
				Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.54	Void			
14.2.55	Void			
14.2.56	Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.57	Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.58	Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.59	Void	Rel-5	FFS	
14.2.60	Void	Rel-5	FFS	
14.2.61	Void	Rel-5	FFS	
14.2.62	Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH	Rel-5	FFS	
14.2.63.1	Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ 10 ms TTI	Rel-5	C377	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ 10 ms TTI "
14.2.63.2	Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-5	C378	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI"
	Combinations on PDSCH and DPCH			
14.3.1.1	Void			
14.3.1.2	Void			
14.3.2.1	Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	R99	C193	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
14.3.2.2	Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	R99	C194	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
14.3.3.1	Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	R99	C195	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
14.3.3.2	Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	R99	C196	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
14.3.4.1	Void			
14.3.4.2	Void			
14.3.5.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C199	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.3.5.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C200	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.3.6.1	Conversational / speech / UL:12.2 DL:12.2	R99	C201	UE supporting FDD and reference

Clause	Title	Release	Applicability	Comments
	kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH			radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.3.6.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C202	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"
	Combinations on SCCPCH			
14.4.1	Stand-alone signalling RB for PCCH	R99	C203	UE supporting FDD and reference radio bearer configuration "Stand-alone signalling RB for PCCH"
14.4.2	Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH	R99	C204	UE supporting FDD and reference radio bearer configuration "Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH"
14.4.2a	Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH	R99	C64	UE supporting FDD and reference radio bearer configuration ìInteractive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCHî
14.4.3	Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH	R99	C205	UE supporting FDD and reference radio bearer configuration "Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH"
14.4.4	RB for CTCH + SRB for CCCH +SRB for BCCH.	R99	C61	UE supporting FDD and reference radio bearer configuration ìRB for CTCH + SRB for CCCH +SRB for BCCHî and Cell Broadcast Service (CBS)
	Combinations on PRACH			
14.5.1	Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH	R99	C206	UE supporting FDD and reference radio bearer configuration "Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH"
14.5.2	Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH	R99	C65	UE supporting FDD and reference radio bearer configuration ìInteractive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCHî
	Combinations on DPCH and HS-PDSCH			
14.6.1	Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-5	C373	UE supporting FDD and HS-PDSCH and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH Note. For UEs for which test case 14.6.2 is applicable then test case 14.6.1 is optional (14.6.1 considered implicitely covered by 14.6.2).
14.6.2	Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-5	C374	UE supporting FDD and HS-PDSCH and Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
SMS				
16.1.1	SMS on CS mode / SMS mobile terminated	R99	C18	UE capable of receiving Short Message at any time on CS mode.
16.1.2	SMS on CS mode / SMS mobile originated	R99	C20	UE capable of submitting Short Message at any time on CS mode.

Clause	Title	Release	Applicability	Comments
16.1.3	SMS on CS mode / Test of memory full condition and memory available notification	R99	C21	UE capable of sending the correct acknowledgement of memory full condition on CS mode.
16.1.4	SMS on CS mode / Test of the status report capabilities and of SMS-COMMAND	R99	C22	UEs supporting the status report capabilities on CS mode.
16.1.5.1	SMS on CS mode / Short message class 0	R99	C23	UE capable of displaying short messages on CS mode
16.1.5.2	SMS on CS mode / Test of class 1 short messages	R99	C24	UE capable of displaying short messages and storing of received Class 1 Short Messages on CS mode
16.1.5.3	SMS on CS mode / Test of class 2 short messages	R99	C25	UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM on CS mode.
16.1.5.4	SMS on CS mode / Test of class 3 short messages	R99	[FFS]	[FFS]
16.1.6	SMS on CS mode / Test of short message type 0 (R99 and REL-4 UE)	R99 and Rel-4	C18	UE capable of receiving Short Message on CS mode
16.1.6a	SMS on CS mode / Test of short message type 0 (≥ REL-5 UE)	Rel-5	C18	UE capable of receiving, displaying and storing of received Short Messages in the UE-/(U)SIM message store on CS mode.
16.1.7	SMS on CS mode / Test of the replace mechanism for SM type 1-7	R99	C33	UEs which support Replace Short Messages and display of received Short Messages on CS mode.
16.1.8	SMS on CS mode / Test of the reply path scheme	R99	C34	UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages on CS mode.
16.1.9.1	SMS on CS mode / Multiple SMS mobile originated / UE in idle mode	R99	C35	UE supporting the ability of sending multiple short messages on the same RR connection when there is no call in progress on CS mode.
16.1.9.2	SMS on CS mode / Multiple SMS mobile originated / UE in active mode	R99	C36	UE supporting the ability of sending concatenated multiple short messages when there is a call in progress on CS mode.
16.1.10	SMS on CS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message	R99	C101	UE capable of receiving Short Message whilst sending Short Message on CS mode.
16.2.1	SMS on PS mode / SMS mobile terminated	R99	C26	UE capable of receiving Short Message at any time on PS mode.
16.2.2	SMS on PS mode / SMS mobile originated	R99	C27	UE capable of submitting Short Message at any time on PS mode.
16.2.3	SMS on PS mode / Test of memory full condition and memory available notification	R99	C28	UE capable of sending the correct acknowledgement of memory full condition in PS mode.
16.2.4	SMS on PS mode / Test of the status report capabilities and of SMS-COMMAND	R99	C29	UEs supporting the status report capabilities in PS mode.
16.2.5.1	Short message class 0	R99	C30	UE capable of displaying short messages in PS mode
16.2.5.2	SMS on PS mode / Test of class 1 short messages	R99	C31	UE capable of displaying short messages and storing of received Class 1 Short Messages in PS mode
16.2.5.3	SMS on PS mode / Test of class 2 short messages	R99	C32	UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM in PS mode.
16.2.5.4	SMS on PS mode / Test of class 3 short messages	R99	[FFS]	[FFS]
16.2.6	SMS on PS mode / Test of short message type 0 (R99 and REL-4 UE)	R99 and Rel-4	C26	UE capable of receiving Short Message on PS mode
16.2.6a	SMS on PS mode / Test of short message type 0 (≥ REL-5 UE)	Rel-5	C26	UE capable of receiving, displaying and storing of received Short Messages in the UE-/(U)SIM message store on PS mode.
16.2.7	SMS on PS mode / Test of the replace mechanism for SM type 1-7	R99	C37	UEs which support Replace Short Messages and display of received Short Messages in PS mode.

Clause	Title	Release	Applicability	Comments
16.2.8	SMS on PS mode / Test of the reply path scheme	R99	C38	UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages in PS mode.
16.2.10	SMS on PS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message	R99	C102	UE capable of receiving Short Message whilst sending Short Message on PS mode.
16.3	Short message service cell broadcast	R99	C219	UE capable of receiving broadcast messages.
SPECIFIC FEATURES				
	Test of autocalling restrictions			
17.1.2	Constraining the access to a single number	R99	C93	All UEs supporting autocalling
17.1.3	Constraining the access to a single number	R99	C93	All UEs supporting autocalling
17.1.4	Behaviour of the MS when its list of blacklisted numbers is full	R99	C94	UEs that are capable of autocalling more than M B-party numbers.
	Location services			
17.2.2.1	LCS Network Induced location request/ UE-Based GPS/ Emergency Call / with USIM	R99	C365	UEs supporting FDD, emergency speech call and UE based Network Assisted GPS
17.2.2.2	LCS Network induced location request/ UE-Based GPS/ Emergency call/ Without USIM	R99	C365	UEs supporting FDD, emergency speech call and UE based Network Assisted GPS
17.2.2.3	LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ With USIM	R99	C383	UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS
17.2.2.4	LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ Without USIM	R99	C383	UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS
17.2.3.1	Void			
17.2.3.2	LCS Mobile originated location request/ UE-Based GPS/ Position estimate request/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.3	LCS Mobile originated location request/ UE-Based GPS/ Assistance data request/ Success	Rel-4	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.4	LCS Mobile originated location request/ UE-Assisted GPS/ Position Estimate/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.3.5	LCS Mobile originated location request/ UE-Based GPS/ Assistance Data Only/ Success	Rel-4	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.1	LCS Mobile terminated location request/ UE-Based GPS	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.2	LCS Mobile terminated location request/ UE-Based GPS/ Request of additional assistance data/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.3	LCS Mobile terminated location request/ UE-Based GPS/ Request for additional assistance data/ Failure	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.4	LCS Mobile terminated location request/ UE-Assisted GPS	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.4.5	LCS Mobile terminated location request/ UE-Assisted GPS/ Request for additional assistance data/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
Multi-Layer Functional Tests				
18.1	***RAB Tests for TDD (1.28 Mcps option) Combinations on DPCH***			
18.1.2.1	Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH	Rel-4	C220	UEs supporting LCRTDD and reference radio bearer configuration "Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH"
18.1.2.2	Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C221	UEs supporting LCRTDD and reference radio bearer configuration "Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.3	Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH	Rel-4	C222	UEs supporting LCRTDD and reference radio bearer configuration "Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH"
18.1.2.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C223	UEs supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4

Clause	Title	Release	Applicability	Comments
				DL:3.4 kbps SRBs for DCCH"
18.1.2.5	Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C224	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.6	Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C225	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.7	Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C226	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.8	Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C227	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.9	Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C68	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.10	Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C69	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.11	Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C70	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.12	Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C71	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.13.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ 20m TTI	Rel-4	C72	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/20m TTI"
18.1.2.13.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ 40m TTI	Rel-4	C73	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ 40m TTI"
18.1.2.14.1	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/20m TTI	Rel-4	C74	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/20m TTI"
18.1.2.14.2	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/40m TTI	Rel-4	C75	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/40m TTI"
18.1.2.15	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C291	UE supporting LCRTDD and reference radio bearer configuration "Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.16	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C292	UE supporting LCRTDD and reference radio bearer configuration "Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.17	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C293	UE supporting LCRTDD and reference radio bearer configuration "Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB +

Clause	Title	Release	Applicability	Comments
				UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.18	Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C294	UE supporting LCRTDD and reference radio bearer configuration "Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.19	Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C295	UE supporting LCRTDD and reference radio bearer configuration "Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.20	Void			
18.1.2.21	Void			
18.1.2.22	Void			
18.1.2.23.1	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	Rel-4	C296	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"
18.1.2.23.2	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	Rel-4	C297	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
18.1.2.23.3	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	Rel-4	C298	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"
18.1.2.23.4	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	Rel-4	C299	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"
18.1.2.24.1	Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / TC	Rel-4	C300	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / TC"
18.1.2.24.2	Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / CC	Rel-4	C301	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / CC"
18.1.2.25.1	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)	Rel-4	C302	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)"
18.1.2.25.2	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	Rel-4	C303	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
18.1.2.25.3	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	Rel-4	C304	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
18.1.2.25.4	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	Rel-4	C305	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"
18.1.2.26	Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C306	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:

Clause	Title	Release	Applicability	Comments
				64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.27	Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C307	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.28	Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C308	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.29	Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	Rel-4	C309	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
18.1.2.30	Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	Rel-4	C310	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
18.1.2.31.1	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI	Rel-4	C312	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI"
18.1.2.31.2	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI	Rel-4	C313	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI"
18.1.2.32.1	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI	Rel-4	C314	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI"
18.1.2.32.2	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-4	C315	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.33.1	Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Rel-4	C316	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
18.1.2.33.2	Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-4	C317	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.34.1	Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Rel-4	C318	UEs supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
18.1.2.34.2	Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-4	C319	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.35.1	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Rel-4	C320	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
18.1.2.35.2	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs	Rel-4	C321	UE supporting LCRTDD and reference radio bearer configuration

Clause	Title	Release	Applicability	Comments
	for DCCH / 20 ms TTI			"Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.36.1	Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Rel-4	C322	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
18.1.2.36.2	Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-4	C323	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.37.1	Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Rel-4	C324	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
18.1.2.37.2	Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-4	C325	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.38.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	Rel-4	C326	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
18.1.2.38.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	Rel-4	C327	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"
18.1.2.38.3	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	Rel-4	C328	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"
18.1.2.38.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	Rel-4	C329	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"
18.1.2.39.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	Rel-4	C330	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"
18.1.2.39.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	Rel-4	C331	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
18.1.2.39.3	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	Rel-4	C332	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps /

Clause	Title	Release	Applicability	Comments
				PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"
18.1.2.39.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	Rel-4	C333	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"
18.1.2.40	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	Rel-4	C334	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH"
18.1.2.41	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C335	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.42.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Rel-4	C336	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
18.1.2.42.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-4	C337	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.43.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Rel-4	C338	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
18.1.2.43.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-4	C339	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.44.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Rel-4	C340	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
18.1.2.44.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-4	C341	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.45	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C342	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.46	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps	Rel-4	C343	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2

Clause	Title	Release	Applicability	Comments
	SRBs for DCCH			DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.47	Void			
18.1.2.48	Void			
18.1.2.49.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-4	C344	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.49.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	Rel-4	C345	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"
18.1.2.50.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-4	C346	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
18.1.2.50.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	Rel-4	C347	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"
18.1.2.51.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C348	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.51.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C449	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.52.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C350	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.52.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C351	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.53.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C352	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.53.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C353	UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"

Clause	Title	Release	Applicability	Comments
18.1.2.54	Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C354	UE supporting LCRTDD and reference radio bearer configuration "Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
	Combinations on SCCPCH			
18.1.3.1	Stand-alone signalling RB for PCCH	Rel-4	C355	UE supporting LCRTDD and reference radio bearer configuration "Stand-alone signalling RB for PCCH"
18.1.3.2	Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH	Rel-4	C361	UE supporting TDD 1.28 Mcps option and reference radio bearer configuration "Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH"
18.1.3.3	Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH	Rel-4	C362	UE supporting TDD 1.28 Mcps option and reference radio bearer configuration "Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH"
18.1.4.1	Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH	Rel-4	C363	UE supporting FDD and reference radio bearer configuration "Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH"

C01 IF A.1/1 THEN R ELSE N/A
C02 IF A.1/2 OR A.1/3 THEN R ELSE N/A
C03 IF A.1/3 THEN R ELSE N/A
C04 IF A.1/1 AND A.2/2 THEN R ELSE N/A
C05 IF A.1/1 AND A.1/4 THEN R ELSE N/A
C06 IF A.1/1 AND A.3/2 THEN R ELSE N/A
C07 IF A.1/1 AND A.20/27 THEN R ELSE N/A
C08 Void
C09 IF A.1/1 AND NOT A.20/3 THEN R ELSE N/A
C10 IF A.20/4 THEN R ELSE N/A
C11 IF A.20/5 THEN R ELSE N/A
C12 IF A.3/2 THEN R ELSE N/A
C13 IF A.2/1 OR A.2/2 OR A.10/2 THEN R ELSE N/A
C14 IF A.20/4 OR A.20/5 THEN R ELSE N/A
C15 Void
C16 Void
C17 IF A.3/2 AND A.20/7 THEN R ELSE N/A
C18 IF A.2/3 THEN R ELSE N/A
C19 Void
C20 IF A.2/4 THEN R ELSE N/A
C21 IF A.20/8 AND A.3/1 THEN R ELSE N/A
C22 IF A.20/9 AND A.3/1 THEN R ELSE N/A
C23 IF A.3/1 THEN R ELSE N/A
C24 IF A.20/11 AND A.3/1 THEN R ELSE N/A
C25 IF A.20/12 AND A.3/1 THEN R ELSE N/A
C26 IF A.2/5 THEN R ELSE N/A
C27 IF A.2/6 THEN R ELSE N/A
C28 IF A.20/8 AND A.3/2 THEN R ELSE N/A
C29 IF A.20/9 AND A.3/2 THEN R ELSE N/A
C30 IF A.3/2 AND A.20/31THEN R ELSE N/A
C31 IF A.20/11 AND A.20/31 AND A.3/2 THEN R ELSE N/A
C32 IF A.20/12 AND A.20/31 AND A.3/2 THEN R ELSE N/A
C33 IF A.20/13 AND A.3/1 THEN R ELSE N/A
C34 IF A.20/14 AND A.2/4 AND A.3/1 THEN R ELSE N/A
C35 IF A.20/15 AND A.3/1 THEN R ELSE N/A
C36 IF A.20/16 AND A.3/1 THEN R ELSE N/A
C37 IF A.20/13 AND A.3/2 THEN R ELSE N/A
C38 IF A.20/14 AND A.2/6 THEN R ELSE N/A
C39 Void
C40 Void
C41 IF (NOT A.20/17) AND (NOT A.20/6) AND A.20/5 THEN R ELSE N/A
C42 IF A.1/1 AND A.3/2 AND A.20/27 THEN R ELSE N/A
C43 Void
C44 Void
C45 Void
C46 IF A.3/2 AND A.20/41 THEN R ELSE N/A
C47 Void
C48 Void
C49 Void
C50 IF A.20/37 AND A.1/4 AND (A.1/2 OR A.1/3) THEN R ELSE N/A
C51 Void
C52 IF (A.1/2 OR A.1/3) AND A.3/2 THEN R ELSE N/A
C53 IF (A.1/2 OR A.1/3) AND A.20/27 THEN R ELSE N/A
C54 IF (A.1/2 OR A.1/3) AND A.3/2 AND A.20/27 THEN R ELSE N/A
C55 Void
C56 IF (A.1/2 OR A.1/3) AND A.1/4 THEN R ELSE N/A
C57 IF A.1/1 AND A.18c/5a THEN R ELSE N/A
C58 IF A.1/1 AND A.18c/7a THEN R ELSE N/A
C59 IF ((A.1/2 OR A.1/3) AND A.1/4) AND (A.2/1 OR A.2/2) THEN R ELSE N/A
C60 IF ((A.1/2 OR A.1/3) AND A.1/4) AND A.3/1 AND (A.4/1 OR A.4/2 OR A.4/3 OR A.4/4 OR A.4/5 OR A.4/6 OR A.4/7 OR A.4/8 OR A.4/9 OR A.4/10 OR A.4/11 OR A.4/12 OR A.4/13 OR A.4/14 OR A.4/15 OR A.4/16 OR A.4/17 OR A.4/18 OR A.4/19 OR A.4/20 OR A.4/21) THEN R ELSE N/A
C61 IF A.1/1 AND A.18e/4 AND A.2/7 THEN R ELSE N/A
C62 IF A.3/2 AND A.20/7 AND A.20/26 THEN R ELSE N/A
C63 IF A.3/2 AND A.20/7 AND A.20/26 AND A.20/41 THEN R ELSE N/A
C64 IF A.1/1 AND A.18e/5 THEN R ELSE N/A
C65 IF A.1/1 AND A.18f/2 THEN R ELSE N/A
C66 IF A.18a/7 THEN R ELSE N/A
C67 IF A.18b/6 OR A.18b/9 THEN R ELSE N/A
C68 IF A.1/3 AND A.18g/9 THEN R ELSE N/A

C69 IF A.1/3 AND A.18g/10 THEN R ELSE N/A
C70 IF A.1/3 AND A.18g/11 THEN R ELSE N/A
C71 IF A.1/3 AND A.18g/12 THEN R ELSE N/A
C72 IF A.1/3 AND A.18g/13.1 THEN R ELSE N/A
C73 IF A.1/3 AND A.18g/13.2 THEN R ELSE N/A
C74 IF A.1/3 AND A.18g/14.1 THEN R ELSE N/A
C75 IF A.1/3 AND A.18g/14.2 THEN R ELSE N/A
C76 IF A.1/1 AND A.18c/23a.2 THEN R ELSE N/A
C77 IF A.3/2 AND A.20/42 THEN R ELSE N/A
C78 IF A.3/3 AND A.20/42 THEN R ELSE N/A
C79 IF A.3/2 AND A.20/35 THEN R ELSE N/A
C80 void
C81 void
C82 void
C83 void
C84 void
C85 void
C86 void
C87 void
C88 IF A.3/3 THEN R ELSE N/A.
C89 IF (A.1/1 AND A.1/4) AND A.3/2 AND A.20/26 THEN R ELSE N/A
C90 IF A.1/1 AND A.3/3 THEN R ELSE N/A
C91 IF (A.1/2 OR A.1/3) AND A.3/3 THEN R ELSE N/A
C92 Void
C93 IF A.20/29 THEN R ELSE N/A
C94 IF A.20/29 AND A.20/30 THEN R ELSE N/A
C95 IF A.1/1 AND A.1/4 AND (A.2/1 OR A.2/2) AND A.3/1 THEN R ELSE N/A
C96 IF A.2/2 THEN R ELSE N/A
C97 IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.4/1 OR A.4/2 OR A.4/3 OR A.4/4 OR A.4/5 OR A.4/6 OR A.4/7 OR A.4/8 OR A.4/9 OR A.4/10 OR A.4/11 OR A.4/12 OR A.4/13 OR A.4/14 OR A.4/15 OR A.4/16 OR A.4/17 OR A.4/18 OR A.4/19 OR A.4/20 OR A.4/21) THEN R ELSE N/A
C98 IF A.3/1 OR A.3/3 THEN R ELSE N/A.
C99 IF (A.3/1 OR A.3/3) AND A.20/36 THEN R ELSE N/A.
C100 IF (A.3/1 OR A.3/3) AND A.7/30 THEN R ELSE N/A.
C101 IF A.2/3 AND A.2/4 THEN R ELSE N/A
C102 IF A.2/5 AND A.2/6 THEN R ELSE N/A
C103 IF A.3/3 AND (NOT A.20/38) THEN R ELSE N/A
C104 IF A.20/37 AND A.1/1 THEN R ELSE N/A
C105 IF A.20/37 AND (A.1/1 AND A.1/4) THEN R ELSE N/A
C106 void
C107 IF A.1/1 AND A.18c/1 THEN R ELSE N/A
C108 IF A.1/1 AND A.18c/2 THEN R ELSE N/A
C109 IF A.1/1 AND A.18c/3 THEN R ELSE N/A
C110 IF A.1/1 AND A.18c/4 THEN R ELSE N/A
C111 IF A.1/1 AND A.18c/5 THEN R ELSE N/A
C112 IF A.1/1 AND A.18c/6 THEN R ELSE N/A
C113 IF A.1/1 AND A.18c/7 THEN R ELSE N/A
C114 IF A.1/1 AND A.18c/8 THEN R ELSE N/A
C115 IF A.1/1 AND A.18c/9 THEN R ELSE N/A
C116 IF A.1/1 AND A.18c/10 THEN R ELSE N/A
C117 IF A.1/1 AND A.18c/11 THEN R ELSE N/A
C118 IF A.1/1 AND A.18c/12 THEN R ELSE N/A
C119 IF A.1/1 AND A.18c/13.1 THEN R ELSE N/A
C120 IF A.1/1 AND A.18c/13.2 THEN R ELSE N/A
C121 IF A.1/1 AND A.18c/14.1 THEN R ELSE N/A
C122 IF A.1/1 AND A.18c/14.2 THEN R ELSE N/A
C123 IF A.1/1 AND A.18c/15 THEN R ELSE N/A
C124 IF A.1/1 AND A.18c/16 THEN R ELSE N/A
C125 IF A.1/1 AND A.18c/17 THEN R ELSE N/A
C126 IF A.1/1 AND A.18c/18 THEN R ELSE N/A
C127 IF A.1/1 AND A.18c/19 THEN R ELSE N/A
C128 Void
C129 Void
C130 Void
C131 IF A.1/1 AND A.18c/23.1 THEN R ELSE N/A
C132 IF A.1/1 AND A.18c/23.2 THEN R ELSE N/A
C133 IF A.1/1 AND A.18c/23.3 THEN R ELSE N/A
C134 IF A.1/1 AND A.18c/23.4 THEN R ELSE N/A
C135 IF A.1/1 AND A.18c/24.1 THEN R ELSE N/A
C136 IF A.1/1 AND A.18c/25.1 THEN R ELSE N/A

C137 IF A.1/1 AND A.18c/25.2 THEN R ELSE N/A
C138 IF A.1/1 AND A.18c/25.3 THEN R ELSE N/A
C139 IF A.1/1 AND A.18c/25.4 THEN R ELSE N/A
C140 IF A.1/1 AND A.18c/26 THEN R ELSE N/A
C141 IF A.1/1 AND A.18c/27 THEN R ELSE N/A
C142 IF A.1/1 AND A.18c/28 THEN R ELSE N/A
C143 IF A.1/1 AND A.18c/29 THEN R ELSE N/A
C144 IF A.1/1 AND A.18c/30 THEN R ELSE N/A
C145 IF A.1/1 AND A.18c/31.1 THEN R ELSE N/A
C146 IF A.1/1 AND A.18c/31.2 THEN R ELSE N/A
C147 IF A.1/1 AND A.18c/32.1 THEN R ELSE N/A
C148 IF A.1/1 AND A.18c/32.2 THEN R ELSE N/A
C149 IF A.1/1 AND A.18c/33.1 THEN R ELSE N/A
C150 IF A.1/1 AND A.18c/33.2 THEN R ELSE N/A
C151 IF A.1/1 AND A.18c/34.1 THEN R ELSE N/A
C152 IF A.1/1 AND A.18c/34.2 THEN R ELSE N/A
C153 IF A.1/1 AND A.18c/35.1 THEN R ELSE N/A
C154 IF A.1/1 AND A.18c/35.2 THEN R ELSE N/A
C155 IF A.1/1 AND A.18c/36.1 THEN R ELSE N/A
C156 IF A.1/1 AND A.18c/36.2 THEN R ELSE N/A
C157 IF A.1/1 AND A.18c/37.1 THEN R ELSE N/A
C158 IF A.1/1 AND A.18c/37.2 THEN R ELSE N/A
C159 IF A.1/1 AND A.18c/38.1 THEN R ELSE N/A
C160 IF A.1/1 AND A.18c/38.2 THEN R ELSE N/A
C161 IF A.1/1 AND A.18c/38.3 THEN R ELSE N/A
C162 IF A.1/1 AND A.18c/38.4 THEN R ELSE N/A
C163 IF A.1/1 AND A.18c/39.1 THEN R ELSE N/A
C164 IF A.1/1 AND A.18c/39.2 THEN R ELSE N/A
C165 IF A.1/1 AND A.18c/39.3 THEN R ELSE N/A
C166 IF A.1/1 AND A.18c/39.4 THEN R ELSE N/A
C167 IF A.1/1 AND A.18c/40 THEN R ELSE N/A
C168 IF A.1/1 AND A.18c/41 THEN R ELSE N/A
C169 IF A.1/1 AND A.18c/42.1 THEN R ELSE N/A
C170 IF A.1/1 AND A.18c/42.2 THEN R ELSE N/A
C171 IF A.1/1 AND A.18c/43.1 THEN R ELSE N/A
C172 IF A.1/1 AND A.18c/43.2 THEN R ELSE N/A
C173 IF A.1/1 AND A.18c/44.1 THEN R ELSE N/A
C174 IF A.1/1 AND A.18c/44.2 THEN R ELSE N/A
C175 IF A.1/1 AND A.18c/45 THEN R ELSE N/A
C176 IF A.1/1 AND A.18c/46 THEN R ELSE N/A
C177 Void
C178 Void
C179 IF A.1/1 AND A.18c/49.1 THEN R ELSE N/A
C180 IF A.1/1 AND A.18c/49.2 THEN R ELSE N/A
C181 IF A.1/1 AND A.18c/50.1 THEN R ELSE N/A
C182 IF A.1/1 AND A.18c/50.2 THEN R ELSE N/A
C183 IF A.1/1 AND A.18c/51.1 THEN R ELSE N/A
C184 IF A.1/1 AND A.18c/51.2 THEN R ELSE N/A
C185 IF A.1/1 AND A.18c/52.1 THEN R ELSE N/A
C186 IF A.1/1 AND A.18c/52.2 THEN R ELSE N/A
C187 IF A.1/1 AND A.18c/53.1 THEN R ELSE N/A
C188 IF A.1/1 AND A.18c/53.2 THEN R ELSE N/A
C189 IF A.1/1 AND A.18c/54 THEN R ELSE N/A
C190 Void
C191 IF A.1/1 AND A.18d/1.1 THEN R ELSE N/A
C192 IF A.1/1 AND A.18d/1.2 THEN R ELSE N/A
C193 IF A.1/1 AND A.18d/2.1 THEN R ELSE N/A
C194 IF A.1/1 AND A.18d/2.2 THEN R ELSE N/A
C195 IF A.1/1 AND A.18d/3.1 THEN R ELSE N/A
C196 IF A.1/1 AND A.18d/3.2 THEN R ELSE N/A
C197 IF A.1/1 AND A.18d/4.1 THEN R ELSE N/A
C198 IF A.1/1 AND A.18d/4.2 THEN R ELSE N/A
C199 IF A.1/1 AND A.18d/5.1 THEN R ELSE N/A
C200 IF A.1/1 AND A.18d/5.2 THEN R ELSE N/A
C201 IF A.1/1 AND A.18d/6.1 THEN R ELSE N/A
C202 IF A.1/1 AND A.18d/6.2 THEN R ELSE N/A
C203 IF A.1/1 AND A.18e/1 THEN R ELSE N/A
C204 IF A.1/1 AND A.18e/2 THEN R ELSE N/A
C205 IF A.1/1 AND A.18e/3 THEN R ELSE N/A
C206 IF A.1/1 AND A.18f/1 THEN R ELSE N/A

C207	IF A.1/1 AND A.18c/24.2 THEN R ELSE N/A
C208	IF A.1/2 AND A.2/2 THEN R ELSE N/A
C209	IF A.20/37 AND A.1/2 THEN R ELSE N/A
C210	void
C211	IF A.3/3 AND A.20/39 THEN R ELSE N/A
C212	IF A.3/2 AND A.20/40 THEN R ELSE N/A
C213	IF A.3/2 AND A.19a/1 THEN R ELSE N/A
C214	IF A.3/2 AND A.19a/1 AND A.19a/3 AND A.19a/4 THEN R ELSE N/A
C215	IF A.3/2 AND A.19a/1 AND A.19a/2 THEN R ELSE N/A
C216	IF A.3/2 AND A.2/7 AND A.19b/1 THEN R ELSE N/A
C217	IF A.3/2 AND A.19b/1 AND A.19b/3 THEN R ELSE N/A
C218	IF A.3/2 AND A.2/7 AND A.19b/1 AND A.19b/2 THEN R ELSE N/A
C219	IF A.3/2 AND A.2/7 THEN R ELSE N/A
C220	IF A.1/3 AND A.18g/1 THEN R ELSE N/A
C221	IF A.1/3 AND A.18g/2 THEN R ELSE N/A
C222	IF A.1/3 AND A.18g/3 THEN R ELSE N/A
C223	IF A.1/3 AND A.18g/4 THEN R ELSE N/A
C224	IF A.1/3 AND A.18g/5 THEN R ELSE N/A
C225	IF A.1/3 AND A.18g/6 THEN R ELSE N/A
C226	IF A.1/3 AND A.18g/7 THEN R ELSE N/A
C227	IF A.1/3 AND A.18g/8 THEN R ELSE N/A
C228	IF A.1/1 AND A.3/3 AND A.7/28 THEN R ELSE N/A
C291	IF A.1/3 AND A.18g/15 THEN R ELSE N/A
C292	IF A.1/3 AND A.18g/16 THEN R ELSE N/A
C293	IF A.1/3 AND A.18g/17 THEN R ELSE N/A
C294	IF A.1/3 AND A.18g/18 THEN R ELSE N/A
C295	IF A.1/3 AND A.18g/19 THEN R ELSE N/A
C296	IF A.1/3 AND A.18g/23.1 THEN R ELSE N/A
C297	IF A.1/3 AND A.18g/23.2 THEN R ELSE N/A
C298	IF A.1/3 AND A.18g/23.3 THEN R ELSE N/A
C299	IF A.1/3 AND A.18g/23.4 THEN R ELSE N/A
C300	IF A.1/3 AND A.18g/24.1 THEN R ELSE N/A
C301	IF A.1/3 AND A.18g/24.2 THEN R ELSE N/A
C302	IF A.1/3 AND A.18g/25.1 THEN R ELSE N/A
C303	IF A.1/3 AND A.18g/25.2 THEN R ELSE N/A
C304	IF A.1/3 AND A.18g/25.3 THEN R ELSE N/A
C305	IF A.1/3 AND A.18g/25.4 THEN R ELSE N/A
C306	IF A.1/3 AND A.18g/26 THEN R ELSE N/A
C307	IF A.1/3 AND A.18g/27 THEN R ELSE N/A
C308	IF A.1/3 AND A.18g/28 THEN R ELSE N/A
C309	IF A.1/3 AND A.18g/29 THEN R ELSE N/A
C310	IF A.1/3 AND A.18g/30 THEN R ELSE N/A
C311	IF A.3/2 AND A.20/26 THEN R ELSE N/A
C312	IF A.1/3 AND A.18g/31.1 THEN R ELSE N/A
C313	IF A.1/3 AND A.18g/31.2 THEN R ELSE N/A
C314	IF A.1/3 AND A.18g/32.1 THEN R ELSE N/A
C315	IF A.1/3 AND A.18g/32.2 THEN R ELSE N/A
C316	IF A.1/3 AND A.18g/33.1 THEN R ELSE N/A
C317	IF A.1/3 AND A.18g/33.2 THEN R ELSE N/A
C318	IF A.1/3 AND A.18g/34.1 THEN R ELSE N/A
C319	IF A.1/3 AND A.18g/34.2 THEN R ELSE N/A
C320	IF A.1/3 AND A.18g/35.1 THEN R ELSE N/A
C321	IF A.1/3 AND A.18g/35.2 THEN R ELSE N/A
C322	IF A.1/3 AND A.18g/36.1 THEN R ELSE N/A
C323	IF A.1/3 AND A.18g/36.2 THEN R ELSE N/A
C324	IF A.1/3 AND A.18g/37.1 THEN R ELSE N/A
C325	IF A.1/3 AND A.18g/37.2 THEN R ELSE N/A
C326	IF A.1/3 AND A.18g/38.1 THEN R ELSE N/A
C327	IF A.1/3 AND A.18g/38.2 THEN R ELSE N/A
C328	IF A.1/3 AND A.18g/38.3 THEN R ELSE N/A
C329	IF A.1/3 AND A.18g/38.4 THEN R ELSE N/A
C330	IF A.1/3 AND A.18g/39.1 THEN R ELSE N/A
C331	IF A.1/3 AND A.18g/39.2 THEN R ELSE N/A
C332	IF A.1/3 AND A.18g/39.3 THEN R ELSE N/A
C333	IF A.1/3 AND A.18g/39.4 THEN R ELSE N/A
C334	IF A.1/3 AND A.18g/40 THEN R ELSE N/A
C335	IF A.1/3 AND A.18g/41 THEN R ELSE N/A
C336	IF A.1/3 AND A.18g/42.1 THEN R ELSE N/A
C337	IF A.1/3 AND A.18g/42.2 THEN R ELSE N/A
C338	IF A.1/3 AND A.18g/43.1 THEN R ELSE N/A
C339	IF A.1/3 AND A.18g/43.2 THEN R ELSE N/A
C340	IF A.1/3 AND A.18g/44.1 THEN R ELSE N/A

C341 IF A.1/3 AND A.18g/44.2 THEN R ELSE N/A
C342 IF A.1/3 AND A.18g/45 THEN R ELSE N/A
C343 IF A.1/3 AND A.18g/46 THEN R ELSE N/A
C344 IF A.1/3 AND A.18g/49.1 THEN R ELSE N/A
C345 IF A.1/3 AND A.18g/49.2 THEN R ELSE N/A
C346 IF A.1/3 AND A.18g/50.1 THEN R ELSE N/A
C347 IF A.1/3 AND A.18g/50.2 THEN R ELSE N/A
C348 IF A.1/3 AND A.18g/51.1 THEN R ELSE N/A
C349 Void
C350 IF A.1/3 AND A.18g/52.1 THEN R ELSE N/A
C351 IF A.1/3 AND A.18g/52.2 THEN R ELSE N/A
C352 IF A.1/3 AND A.18g/53.1 THEN R ELSE N/A
C353 IF A.1/3 AND A.18g/53.2 THEN R ELSE N/A
C354 IF A.1/3 AND A.18g/54 THEN R ELSE N/A
C355 IF A.1/3 AND A.18h/1 THEN R ELSE N/A
C356 IF A.1/1 AND A.3/1 THEN R ELSE N/A
C357 IF (A.1/2 OR A.1/3) AND A.3/1 THEN R ELSE N/A
C358 IF A.1/1 AND A.3/2 AND A.20/26 THEN R ELSE N/A
C359 IF A.1/1 AND A.3/3 AND (A.18a/8 OR A.18a/9 OR A.18a/10) THEN R ELSE N/A
C360 IF (A.1/1 AND A.18c/26) AND (A.1/4 AND A.1/5) THEN R ELSE N/A
C361 IF A.1/3 AND A.18h/2 THEN R ELSE N/A
C362 IF A.1/3 AND A.18h/3 THEN R ELSE N/A
C363 IF A.1/3 AND A.18i/1 THEN R ELSE N/A
C364 IF (A.1/2 OR A.1/3) AND A.20/26 THEN R ELSE N/A
C365 IF A.1/1 AND A.2/2 AND A.18a/12 THEN R ELSE N/A
C366 IF A.1/1 AND A.18a/12 THEN R ELSE N/A
C367 Void
C368 IF A.1/1 AND (A.18a/8 OR A.18a/9 OR A.18a/10) THEN R ELSE N/A
C369 IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.18a/8 OR A.18a/9 OR A.18a/10) THEN R ELSE N/A
C370 Void
C371 IF A.1/1 AND A.18a/~~13~~ 14 THEN R ELSE N/A
C372 IF A.1/1 AND A.18a/~~13~~ 14 AND (A.~~,~~18 ~~a~~b.1/7 OR A.18 ~~a~~b.1/10) THEN R ELSE N/A
C373 IF C374 THEN O ELSE (IF A.1/1 AND A.18a/~~13~~ 14 AND A.18 ~~f~~.1/1 THEN R ELSE N/A)
C374 IF A.1/1 AND A.18a/~~13~~ 14 AND A.18 ~~f~~.1/2 THEN R ELSE N/A
C375 IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.4/1 OR A.4/2 OR A.4/5 OR A.4/6 OR A.4/7 OR A.4/11 OR A.4/12) THEN R ELSE N/A
C376 IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.4/2 OR A.4/3 OR A.4/4 OR A.4/5 OR A.4/7 OR A.4/8 OR A.4/9 OR A.4/10 OR A.4/12 OR A.4/13 OR A.4/14 OR A.4/15 OR A.4/16 OR A.4/17 OR A.4/18 OR A.4/19 OR A.4/20 OR A.4/21) THEN R ELSE N/A
C377 IF A.1/3 AND A.18c/63.1 THEN R ELSE N/A
C378 IF A.1/3 AND A.18c/63.2 THEN R ELSE N/A
C379 IF A.3/2 AND A.20/63 THEN R ELSE N/A
C380 IF A.1/1 AND A.1/4 AND (A.2/1 OR A.2/2) AND A.3/1 AND A.18a/~~13~~ 14 THEN R ELSE N/A
C381 IF ~~(~~A.1/1 AND A.18c/26~~)~~ AND ~~(~~A.1/4 AND A.1/5~~)~~ AND A.18a/~~13~~ 14 THEN R ELSE N/A
C382 IF A.3/2 AND A.19a/5 THEN R ELSE N/A
C383 IF A.1/1 AND A.2/2 AND A.18a/13 THEN R ELSE N/A
C384 IF A.1/1 AND A.18a/13 THEN R ELSE N/A
C385 IF A.1/1 AND A.18a/~~13~~ 14 AND (A.18a/9 OR A.18a/10) THEN R ELSE N/A
C386 IF A.1/1 AND A.18f.2/1 THEN R ELSE N/A
Cxxx IF A.3/2 AND A.19a/2 THEN R ELSE N/A

Annex A (normative): ICS proforma for 3rd Generation User Equipment

A.1 Guidance for completing the ICS proforma

A.1.1 Purposes and structure

The purpose of this ICS proforma is to provide a mechanism whereby a supplier of an implementation of the requirements defined in relevant specifications may provide information about the implementation in a standardised manner.

The ICS proforma is subdivided into clauses for the following categories of information:

- instructions for completing the ICS proforma;
- identification of the implementation;
- identification of the protocol;
- ICS proforma tables (for example: UE implementation types, Teleservices, etc).

A.1.2 Abbreviations and conventions

The ICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7.

Item column

The item column contains a number which identifies the item in the table.

Item description column

The item description column describes in free text each respective item (e.g. parameters, timers, etc.). It implicitly means "is <item description> supported by the implementation?".

Reference column

The reference column gives reference to the relevant 3GPP core specifications.

Release column

The release column indicates the earliest release from which the capability or option is relevant.

Comments column

This column is left blank for particular use by the reader of the present document.

References to items

For each possible item answer (answer in the support column) within the ICS proforma there exists a unique reference, used, for example, in the conditional expressions. It is defined as the table identifier, followed by a solidus character "/", followed by the item number in the table. If there is more than one support column in a table, the columns shall be discriminated by letters (a, b, etc.), respectively.

EXAMPLE 1: A.5/4 is the reference to the answer of item 4 in table A.5.

EXAMPLE 2: A.6/3b is the reference to the second answer (i.e. in the second support column) of item 3 in table A.6.

A.1.3 Instructions for completing the ICS proforma

The supplier of the implementation may complete the ICS proforma in each of the spaces provided. More detailed instructions are given at the beginning of the different clauses of the ICS proforma.

A.2 Identification of the User Equipment

Identification of the User Equipment should be filled in so as to provide as much detail as possible regarding version numbers and configuration options.

The product supplier information and client information should both be filled in if they are different.

A person who can answer queries regarding information supplied in the ICS should be named as the contact person.

A.2.1 Date of the statement

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A.2.2 User Equipment Under Test (UEUT) identification

UEUT name:

.....

.....

Hardware configuration:

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Software configuration:

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A.2.3 Product supplier

Name:

.....

Address:

.....

.....

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

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.....

.....

A.2.4 Client

Name:

.....

Address:

.....

.....

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....

.....

.....

A.2.5 ICS contact person

Name:

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....

.....

A.3 Identification of the protocol

This ICS proforma applies to the 3GPP standards listed in the normative references clause of the present document.

A.4 ICS proforma tables

A.4.1 UE Implementation Types

Table A.1: UE Radio Technologies

Item	UE Radio Technologies	Ref.	Release	Comments
1	FDD (DS)	25.101	R99	
2	TDD 3.84 Mcps	25.102	R99	
3	TDD 1.28 Mcps (LCR)	25.102	Rel-4	
4	GSM	21.904, 5	R99	
5	GPRS	23.060	R99	
6	MultiRAT_Capability	23.060	R99	

A.4.2 UE Service Capabilities

A.4.2.1 3GPP Standardised UE Service Capabilities

A.4.2.1.1 Teleservices

Table A.2: Teleservices

Item	Teleservices	Ref.	Status	Release	Comments
1	Narrow band speech (AMR)	22.105, 6.4.1	O	R99	Telephony
2	Emergency call	22.105, 6.4.2	C201	R99	
3	Short Message Service (SMS) MT over CS	22.105, 6.4.3 22.003, A.1.3.1	O	R99	
4	Short Message Service (SMS) MO over CS	22.105, 6.4.3 22.003, A.1.3.2	O	R99	
5	Short Message Service (SMS) MT over PS	22.105, 6.4.3 22.003, A.1.3.1	O	R99	
6	Short Message Service (SMS) MO over PS	22.105, 6.4.3 22.003, A.1.3.2	O	R99	
7	Cell Broadcast Service (CBS)	22.105, 6.4.4	O	R99	

C201	IF A.2/1 or A.10/2 THEN A ELSE N/A	
Comments:		

A.4.2.1.2 Bearer Services

Table A.3: Definition of Bearer Services

Item	Definition of Bearer Services	Ref.	Release	Comments
1	Circuit Switched	22.105, 5.1 22.002	R99	
2	Packet Switched	22.105, 5.1 22.060	R99	
3	UE supports UE operation mode A: PS and CS simultaneously		R99	

Table A.4: Asynchronous General Bearer Services

Item	Asynchronous General Bearer Services	Ref.	Release	Comments
1	3,1 kHz Audio 9 600 bit/s	22.002, 3.1.1	R99	
2	3,1 kHz Audio 14 400 bit/s	22.002, 3.1.1	R99	
3	3,1 kHz Audio 19 200 bit/s	22.002, 3.1.1	R99	
4	3,1 kHz Audio 28 800 bit/s	22.002, 3.1.1	R99	
5	3,1 KhZ Audio Modem AutoBauding1	22.002, 3.1.1	R99	
6	V.110 UDI 9 600 bit/s	22.002, 3.1.2	R99	
7	V.110 UDI 14 400 bit/s	22.002, 3.1.2	R99	
8	V.110 UDI 19 200 bit/s	22.002, 3.1.2	R99	
9	V.110 UDI 28 800 bit/s	22.002, 3.1.2	R99	
10	V.110 UDI 38 400 bit/s	22.002, 3.1.2	R99	
11	V.120 9 600 bit/s	22.002, 3.1.4	R99	
12	V.120 14 400 bit/s	22.002, 3.1.4	R99	
13	V.120 19 200 bit/s	22.002, 3.1.4	R99	
14	V.120 28 800 bit/s	22.002, 3.1.4	R99	
15	V.120 38 400 bit/s	22.002, 3.1.4	R99	
16	V.120 48 000 bit/s	22.002, 3.1.4	R99	
17	V.120 56 000 bit/s	22.002, 3.1.4	R99	
18	PIAFS 32 000 bit/s	22.002, 3.1.6	R99	
19	PIAFS 64 000 bit/s	22.002, 3.1.6	R99	
20	Frame Tunnelling Mode 56 000 bit/s	22.002, 3.1.7	R99	
21	Frame Tunnelling Mode 64 000 bit/s	22.002, 3.1.7	R99	
NOTE: The rates in the table refer to FNUR (Fixed Network User Rate).				

Table A.5: Synchronous General Bearer Services

Item	Synchronous General Bearer Services	Ref.	Release	Comments
1	3,1 kHz Audio 9 600 bit/s	22.002, 3.1.1	R99	
2	3,1 kHz Audio 14 400 bit/s	22.002, 3.1.1	R99	
3	3,1 kHz Audio 19 200 bit/s	22.002, 3.1.1	R99	
4	3,1 kHz Audio 28 800 bit/s	22.002, 3.1.1	R99	
5	V.110 UDI 28 800 bit/s	22.002, 3.1.2	R99	
6	V.110 UDI 48 000 bit/s	22.002, 3.1.2	R99	
7	V.110 UDI 56 000 bit/s	22.002, 3.1.2	R99	
8	X.31 Flag Stuffing UDI 9 600 bit/s	22.002, 3.1.3	R99	
9	X.31 Flag Stuffing UDI 14 400 bit/s	22.002, 3.1.3	R99	
10	X.31 Flag Stuffing UDI 19 200 bit/s	22.002, 3.1.3	R99	
11	X.31 Flag Stuffing UDI 28 800 bit/s	22.002, 3.1.3	R99	
12	X.31 Flag Stuffing UDI 38 400 bit/s	22.002, 3.1.3	R99	
13	X.31 Flag Stuffing UDI 48 000 bit/s	22.002, 3.1.3	R99	
14	X.31 Flag Stuffing UDI 56 000 bit/s	22.002, 3.1.3	R99	
15	V.120 9 600 bit/s	22.002, 3.1.4	R99	
16	V.120 14 400 bit/s	22.002, 3.1.4	R99	
17	V.120 19 200 bit/s	22.002, 3.1.4	R99	
18	V.120 28 800 bit/s	22.002, 3.1.4	R99	
19	V.120 38 400 bit/s	22.002, 3.1.4	R99	
20	V.120 48 000 bit/s	22.002, 3.1.4	R99	
21	V.120 56 000 bit/s	22.002, 3.1.4	R99	
22	Bit Transparent mode 56 000 bit/s	22.002, 3.1.5	R99	
23	Bit Transparent mode 64 000 bit/s	22.002, 3.1.5	R99	
24	Multimedia Call 28 800 bit/s	22.002, 3.1.8	R99	
25	Multimedia Call 32 000 bit/s	22.002, 3.1.8	R99	
26	Multimedia Call 33 600 bit/s	22.002, 3.1.8	R99	
27	Multimedia Call 56 000 bit/s	22.002, 3.1.8	R99	
28	Multimedia Call 64 000 bit/s	22.002, 3.1.8	R99	
NOTE: The rates in the table refer to FNUR (Fixed Network User Rate).				

Table A.6: QoS classes or traffic classes

Item	QoS classes or traffic classes	Ref.	Release	Comments
1	Conversational	23.107, 6.3.1, 6.5.1	R99	
2	Streaming	23.107, 6.3.2, 6.5.1	R99	
3	Interactive	23.107, 6.3.3, 6.5.1	R99	
4	Background	23.107, 6.3.4, 6.5.1	R99	

A.4.2.1.3 Supplementary Services

Table A.7: Supplementary Services

Item	Supplementary services	Ref.	Release	Comments
1	Call Deflection	22.072; 22.004, 4	R99	
2	Calling Line Identification Presentation	22.081, 1; 22.004, 4	R99	
3	Calling Line Identification Restriction	22.081, 2; 22.004, 4	R99	
4	Connected Line Identification Presentation	22.081, 3; 22.004, 4	R99	
5	Connected Line Identification Restriction	22.081, 4; 22.004, 4	R99	
6	Call Forwarding Unconditional	22.082, 1; 22.004, 4	R99	
7	Call Forwarding on Mobile Subscriber Busy	22.082, 2; 22.004, 4	R99	
8	Call Forwarding on No Reply	22.082, 3; 22.004, 4	R99	
9	Call Forwarding on Mobile Subscriber Not Reachable	22.082, 4; 22.004, 4	R99	
10	Call Waiting	22.083, 1; 22.004, 4	R99	
11	Call Hold	22.083, 2 22.004, 4	R99	
12	Multi Party Service	22.084; 22.004, 4	R99	
13	Closed User Group	22.085; 22.004, 4	R99	
14	User-to-user signalling	22.087; 22.004, 4	R99	
15	Advice of Charge (Information)	22.086, 1; 22.004, 4	R99	
16	Advice of Charge (Charging)	22.086, 2; 22.004, 4	R99	
17	Barring of All Outgoing Calls	22.088, 1; 22.004, 4	R99	
18	Barring of Outgoing International Calls	22.088, 1; 22.004, 4	R99	
19	Barring of Outgoing International Calls except those directed to the Home PLMN Country	22.088, 1; 22.004, 4	R99	
20	Barring of All Incoming Calls	22.088, 2; 22.004, 4	R99	
21	Barring of Incoming Calls when Roaming Outside the Home PLMN Country	22.088, 2; 22.004, 4	R99	
22	Explicit call transfer	22.091; 22.004, 4	R99	
23	Call Completion to Busy Subscriber	22.093; 22.004, 4	R99	
24	Call Completion to Busy Subscriber Request	22.093; 22.004, 4	R99	
25	Follow Me	22.094	R99	
26	Calling name presentation (CNAP)	22.096; 22.004, 4	R99	
27	Multiple Subscriber Profile (MSP)	22.097; 22.004, A	R99	
28	Multicall	22.135; 22.004, 4	R99	
29	enhanced Multi-Level Precedence and Pre-emption	22.067; 22.004, 4	R99	
30	At least one non-call related Supplementary Service supported		R99	
NOTE: Test cases for these features will not be include in R99 of TS 34.123-1.				

A.4.2.1.4 Service Capabilities

Table A.8: Service Capabilities

Item	Services Capabilities	Ref.	Release	Comments
1	Mobile station Execution Environment (MExE)	22.057	R99	
2	Location Service (LCS)	22.071	R99	
3	USIM Application Toolkit (USAT)	31.111	R99	
NOTE: Test cases for these features will not be include in R99 of TS 34.123-1.				

Table A.8a: UE positioning capability

Item	Services Capabilities	Ref.	Release	Comments
1	Support for IPDL			
2	Support of GPS timing of cell frames			
3	Based OTDOA is supporting by UE			
4	SStandalone location method is supporting by UE			

A.4.2.1.5 GSM System Features

Table A.9: GSM System Features

Item	GSM System Features	Ref.	Release	Comments
1	Network Identity and Time Zone (NITZ)	22.042	R99	
2	Unstructured Supplementary Service Data (USSD)	22.090	R99	
NOTE: Test cases for these features will not be include in R99 of TS 34.123-1.				

A.4.2.2 Other UE Service Capabilities

Table A.10: Other UE Service Capabilities

Item	Other UE Service Capabilities	Ref.	Release	Comments
1	Multimedia services (3G-324M)	26.071, 26.110, 26.111, 26.112	R99	
2	Alternate speech/facsimile group 3	22.003, A.1.4	R99	
3	Automatic facsimile group 3	22.003, A.1.5	R99	

A.4.3 Baseline Implementation Capabilities

Table A.11: Supported protocols

Item	Supported protocols	Ref.	Release	Comments
1	Call Control	24.008, 5	R99	
2	Mobility Management	24.008, 4	R99	
3	Session Management	24.008, 6.1	R99	
4	GPRS Mobility Management	24.008, 4	R99	
5	Radio Resource Control	25.331	R99	
6	Packet Data Convergence Protocol	25.323	R99	
7	Broadcast/Multicast Control	25.324	R99	
8	Radio Link Control	25.322	R99	
9	Medium Access Control	25.321	R99	
10	Physical Layer	25.201	R99	

A.4.3.1 Baseline Implementation Capabilities to facilitate Conformance testing

Table A.12: Reference Measurement Channels

Item	Reference Measurement Channels	Ref.	Release	Comments
1	Up-link reference measurement channel 12.2 kbps (FDD)	25.101 A.2.1	R99	
2	Down-link reference measurement channel 12.2 kbps (FDD)	25.101 A.3.1	R99	
3	Up-link reference measurement channel12.2 kbps (TDD)	25.102 A.2.1	R99	
4	Down-link reference measurement channel 12.2 kbps (TDD)	25.102 A.2.2	R99	
5	Up-link reference measurement channel12.2 kbps (1.28 Mcps TDD)	25.102 A.2.1.2	Rel-4	
6	Down-link reference measurement channel 12.2 kbps (1.28 Mcps TDD)	25.102 A.2.2.2	Rel-4	

Table A.13: Special Conformance Testing Functions

Item	Special Conformance Testing Functions	Ref.	Release	Comments
1	UE test loop	34.109, 5.3	R99	
2	Max UE test loop UL RLC SDU size 65535 bits	34.109, 6.2	R99	

Table A.14: Terminal Logical Test Interface

Item	Terminal Logical Test Interface	Ref.	Release	Comments
1	Electrical Man Machine Interface (EMMI)	34.109, 8	R99	
2	UICC/ME test interface	34.109, 9	R99	

A.4.3.2 RF Baseline Implementation Capabilities

Table A.15: FDD (DS) RF Baseline Implementation Capabilities

Item	FDD (DS) RF Baseline Implementation Capabilities	Ref.	Release	Comments
1	Chip rate 3,84 Mcps	25.101, 5.1	R99	
2	Frequency band: 1 920-1 980, 2 110-2 170 MHz	25.101, 5.2	R99	
3	Frequency band: 1 850-1 910, 1 930-1 990 MHz	25.101, 5.2	R99	
4	Frequency band: Other spectrum	25.101, 5.2	R99	
5	TX-RX Freq. Sep: 190 MHz	25.101, 5.3	R99	
6	TX-RX Freq. Sep: 80 MHz	25.101, 5.3	R99	
7	TX-RX Freq. Sep: Variable	25.101, 5.3	R99	
8	Carrier raster: 200 kHz	25.101, 5.4	R99	
9	UE Power Class 1 (+33 dBm)	25.101, 6.2.1	R99	
10	UE Power Class 2 (+27 dBm)	25.101, 6.2.1	R99	
11	UE Power Class 3 (+24 dBm)	25.101, 6.2.1	R99	
12	UE Power Class 4 (+21 dBm)	25.101, 6.2.1	R99	
13	Output RF spectrum emissions	25.101, 6.6	R99	

Table A.16: TDD RF Baseline Implementation Capabilities

Item	TDD RF Baseline Implementation Capabilities	Ref.	Release	Comments
1	Chip rate 3,84 Mcps	25.102, 5.1	R99	
1a	Chip rate 1,28 Mcps	25.102, 5.1	Rel-4	
2	Frequency band: 1 900-1 920 MHz	25.102, 5.2	R99	Applicable for 3.84 Mcps and 1.28 Mcps
3	Frequency band: 2 010-2 025 MHz	25.102, 5.2	R99	Applicable for 3.84 Mcps and 1.28 Mcps
4	Frequency band: 1 850-1 910 MHz	25.102, 5.2	R99	Applicable for 3.84 Mcps and 1.28 Mcps
5	Frequency band: 1 930-1 990 MHz	25.102, 5.2	R99	Applicable for 3.84 Mcps and 1.28 Mcps
6	Frequency band: 1 910-1 930 MHz	25.102, 5.2	R99	Applicable for 3.84 Mcps and 1.28 Mcps
7	Frequency band: Other spectrum	25.102, 5.2	R99	Applicable for 3.84 Mcps and 1.28 Mcps
8	Carrier raster: 200 kHz	25.102, 5.4	R99	Applicable for 3.84 Mcps and 1.28 Mcps
9	UE Power Class 2 (+24 dBm)	25.102, 6.2.1	R99	Applicable for 3.84 Mcps and 1.28 Mcps
10	UE Power Class 3 (+21 dBm)	25.102, 6.2.1	R99	Applicable for 3.84 Mcps and 1.28 Mcps
11	Output RF spectrum emissions	25.102, 6.6	R99	Applicable for 3.84 Mcps and 1.28 Mcps

A.4.3.3 Physical Layer Baseline Implementation Capabilities

Table A.17: Void

Table A.18: Void

Table A.18a: FDD Layer 1 UE Radio Access Capabilities

Item	FDD Layer 1 UE Radio Access Capabilities	Ref.	Release	Comments
1	Support of turbo decoding	25.306, 4.5.1	R99	
2	Support of turbo encoding	25.306, 4.5.2	R99	
3	Support for SF 512 (downlink)	25.306, 4.5.3	R99	
4	Support of PDSCH	25.306, 4.5.3	R99	
5	Simultaneous reception of SCCPCH and DPCH	25.306, 4.5.3	R99	
6	Simultaneous reception of SCCPCH, DPCH and PDSCH	25.306, 4.5.3	R99	
7	Support of PCPCH	25.306, 4.5.4	R99	
8	Support of uplink compressed mode only	25.306, 4.9	R99	
9	Support of downlink compressed mode only	25.306, 4.9	R99	
10	Support of uplink and downlink compressed mode	25.306, 4.9	R99	
11	Support of Network based Network Assisted GPS	25.306, 4.8	R99	
12	Support of UE based Network Assisted GPS	25.306, 4.8	R99	
13	Support of UE assisted Network Assisted GPS	25.306, 4.8	R99	
14	Support of HS-PDSCH	25.306, 4.5.3	Rel-5	

Table A.18a.1: FDD HS-DSCH physical layer categories

Item	FDD HS-DSCH physical layer categories	Ref.	Release	Comments
1	Category 1	25.306, 5.1	Rel-5	
2	Category 2	25.306, 5.1	Rel-5	
3	Category 3	25.306, 5.1	Rel-5	
4	Category 4	25.306, 5.1	Rel-5	
5	Category 5	25.306, 5.1	Rel-5	
6	Category 6	25.306, 5.1	Rel-5	
7	Category 7	25.306, 5.1	Rel-5	
8	Category 8	25.306, 5.1	Rel-5	
9	Category 9	25.306, 5.1	Rel-5	
10	Category 10	25.306, 5.1	Rel-5	
11	Category 11	25.306, 5.1	Rel-5	
12	Category 12	25.306, 5.1	Rel-5	

Table A.18b: TDD Layer 1 UE Radio Access Capabilities

Item	TDD Layer 1 UE Radio Access Capabilities	Ref.	Release	Comments
1	Support of turbo decoding	25.306, 4.5.1	R99	Applicable for 3.84 Mcps and 1.28 Mcps
2	Support of turbo encoding	25.306, 4.5.2	R99	Applicable for 3.84 Mcps and 1.28 Mcps
3	Max.number of physical channels and TS per frame	25.306, 4.5.5, 4.5.6	R99	Applicable for 3.84 Mcps only
4	Max.number of physical channels and TS per subframe	25.306, 4.5.5, 4.5.6	Rel-4	Applicable for 1.28 Mcps only
5	Minimum SF	25.306, 4.5.5, 4.5.6	R99	Applicable for 3.84 Mcps and 1.28 Mcps
6	Support of PDSCH (Downlink)	25.306, 4.5.5	R99	Applicable for 3.84 Mcps and 1.28 Mcps
7	Max.number of physical channels per TS	25.306, 4.5.5 4.5.6	R99	Applicable for 3.84 Mcps and 1.28 Mcps
8	Support of 8PSK	25.306, 4.5.5, 4.5.6	Rel-4	Applicable for 1.28 Mcps only
9	Support of PUSCH	25.306, 4.5.5 4.5.6	R99	Applicable for 3.84 Mcps and 1.28 Mcps

Table A.18f.1: FDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH

1	Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	34.108 6.10.3.4.6.1	HS-PDSCH	Yes	
			UL Max TB bits	2560	
			UL Max CC TB bits	640	
			UL Max TC TB bits	2560	
			UL Max TrCHs	2	
			UL Max TTI TB	8	
			UL Max TFS	16	
			UL Max TF	32	
			UL TC	Yes	
			Other required UE radio access capability	None	
2	Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	34.108 6.10.3.4.6.2	HS-PDSCH	Yes	
			UL Max TB bits	5120	
			UL Max CC TB bits	640	
			UL Max TC TB bits	5120	
			UL Max TrCHs	2	
			UL Max TTI TB	16	
			UL Max TFS	16	
			UL Max TF	32	
			UL TC	Yes	
			Other required UE radio access capability	None	

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CHANGE REQUEST

⌘ **34.123-2** **CR** **178** ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	Applicability table for new Inter-RAT handover test case (Revision of T1-041583)
Source:	⌘	Sasken Communication Technologies Limited
Work item code:	⌘	TEI
Date:	⌘	03/11/2004
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	New Inter-RAT handover test case added to 34.123-1
Summary of change:	⌘	Added applicability statement to the following test case 8.3.7.16 Inter system handover from UTRAN/To GSM/Simultaneous CS and PS domain services/Success/TBF Establishment Success
Consequences if not approved:	⌘	Newly added test case will be missing from applicability table

Clauses affected:	⌘	clause 4, Table 1			
Other specs affected:	⌘	Y / N	Other core specifications	⌘	34.123-1
		N / X	Test specifications		
		X /	O&M Specifications		
Other comments:	⌘				

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

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

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

4 Recommended test case applicability

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Table 1: Applicability of tests

Clause	Title	Release	Applicability	Comments
8.3.7.14	Inter system handover from UTRAN/To GSM/Speech/Success (stop of HS-DSCH reception)	Rel-5	C379	UEs supporting FDD and GSM and supporting speech and HS-PDSCH
8.3.7.15	Inter system handover from UTRAN/To GSM/Speech/Failure(stop of HS-DSCH reception)	Rel-5	C379	UEs supporting FDD and GSM and supporting speech and HS-PDSCH
8.3.7.16	Inter system handover from UTRAN/To GSM/Simultaneous CS and PS domain services/Succes/TBF Establishment Success	R99	C387	UE supporting FDD and GSM and supporting simultaneous CS and PS bearer services and not supporting DTM

C387 IF (A.1/1 AND A.18c/40) AND (A.1/4 AND A.1/5 AND (NOTA.1/7)) AND A.3/3 THEN R ELSE N/A

A.4.1 UE Implementation Types

Table A.1: UE Radio Technologies

Item	UE Radio Technologies	Ref.	Release	Comments
1	FDD (DS)	25.101	R99	
2	TDD 3.84 Mcps	25.102	R99	
3	TDD 1.28 Mcps (LCR)	25.102	Rel-4	
4	GSM	21.904, 5	R99	
5	GPRS	23.060	R99	
6	MultiRAT_Capability	23.060	R99	
7	DTM	03.55	R99	

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CHANGE REQUEST

⌘ ~~TS~~ **34.123-2** **CR** 179 ⌘ **rev** - ⌘ Current version: **5.9.0** ⌘

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

Title:	⌘ Addition of new HSDPA test cases to the applicability table		
Source:	⌘ Panasonic, NTT DoCoMo		
Work item code:	⌘ TEI	***Date:*** ⌘	04/11/04
Category:	⌘ **F**	***Release:*** ⌘	Rel-5
	Use one of the following categories: ***F*** *(correction)* ***A*** *(corresponds to a correction in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)* Detailed explanations of the above categories can be found in 3GPP TR 21.900.		*Use one of the following releases:* *2 (GSM Phase 2)* *R96 (Release 1996)* *R97 (Release 1997)* *R98 (Release 1998)* *R99 (Release 1999)* *Rel-4 (Release 4)* *Rel-5 (Release 5)* *Rel-6 (Release 6)*

Reason for change: ⌘ New HSDPA test cases were added.

Summary of change: ⌘ The applicability table is updated with the following new HSDPA test cases.

- 8.2.1.X Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (start of HS-DSCH reception)
- 8.2.1.Y Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (start of HS-DSCH reception with frequency modification)
- 8.2.3.X Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (stop of HS-DSCH reception with frequency modification)
- 8.2.3.Y Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success (stop of HS-DSCH reception with frequency modification)
- 8.2.4.X Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (with active HS-DSCH reception, not changing the value of TTI during UL rate modification)
- 8.3.1.X Cell Update: Transition from CELL_DCH to CELL_FACH, stop of HS-DSCH reception
- 8.3.1.Y Cell Update: Transition from CELL_DCH to CELL_DCH, with active HS-DSCH reception
- 8.3.1.X Cell Update: Transition from CELL_DCH to CELL_FACH (stop of HS-DSCH reception with frequency modification)
- 8.3.1.Y Cell Update: Transition from CELL_DCH to CELL_DCH (with active HS-DSCH reception and frequency modification)

Consequences if not approved:	⌘ TS 34.123-2 not inline with TS 34.123-1.

Clauses affected:	⌘	4		
Other specs affected:	⌘	**Y** / **N**		⌘
			Other core specifications	
		X	Test specifications	
		X	O&M Specifications	
		X		
Other comments:	⌘			

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

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

8.2.1.30	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, start of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.1.X	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (start of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.1.Y	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (start of HS-DSCH reception with frequency modification)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.2.1	RRC / Radio Bearer Reconfiguration (Hard Handover) from CELL_DCH to CELL_DCH: Success	R99	C01	UEs supporting FDD.

8.2.3.30	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (stop of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.3.X	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (stop of HS-DSCH reception with frequency modification)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.3.Y	Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success (stop of HS-DSCH reception with frequency modification)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.4.1	RRC / Transport channel reconfiguration (Timing re- initialised hard handover with transmission rate modification) from CELL_DCH to CELL_DCH (Hard handover to same radio frequency): Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option

8.2.4.29	Transport Channel Reconfiguration for transition from CELL_DCH to CELL_DCH (Frequency band modification): Success	R99	C01	UEs supporting FDD.
8.2.4.30	Void			
8.2.4.31	Void			
8.2.4.32	Void			
8.2.4.33	Void			
8.2.4.34	Void			
8.2.4.35	Void			
8.2.4.X	Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (with active HS-DSCH reception, not changing the value of TTI during UL rate modification)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.5.1	Void			

8.3.1.33	Cell Update: Transition from CELL_PCH to CELL_DCH, start of HS-DSCH reception, frequency band modification	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.3.1.X	Cell Update: Transition from CELL_DCH to CELL_FACH, stop of HS-DSCH reception	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.3.1.Y	Cell Update: Transition from CELL_DCH to CELL_DCH, with active HS-DSCH reception	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.3.1.X	Cell Update: Transition from CELL_DCH to CELL_FACH (stop of HS-DSCH reception with frequency modification)	Rel-5	C371	UEs supporting FDD and HS-PDSCH

8.3.1.Y	Cell Update: Transition from CELL_DCH to CELL_DCH (with active HS-DSCH reception and frequency modification)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.3.2.1	RRC / URA Update: Change of URA	R99	C06	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.

3GPP TSG-T WG1 Meeting #25
St Paulís Bay, Malta, 1-5 November 2004

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CHANGE REQUEST

⌘ **34.123-2** **CR** **180** ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

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

Title:	⌘	CR to 34.123-2 R5: Removal of test case 17.2.3.5 and merge into 17.2.3.3
Source:	⌘	Qualcomm
Work item code:	⌘	TEI
Date:	⌘	04/11/2004
Category:	⌘	**F**
Release:	⌘	REL-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Test case 17.2.3.5 is merged into case 17.2.3.3.
Summary of change:	⌘	Test case deleted from applicability table; applicability of 17.2.3.3 changed.
Consequences if not approved:	⌘	Void test case will remain in table and applicability of 17.2.3.3 will be wrong.

Clauses affected:	⌘	4			
Other specs affected:	⌘	**Y**	**N**		⌘
			X	Other core specifications	
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Affects REL-5, REL-4 and R99.			

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

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

4 Recommended test case applicability

[Ö]

SPECIFIC FEATURES				
	Test of autocalling restrictions			
17.1.2	Constraining the access to a single number	R99	C93	All UEs supporting autocalling
17.1.3	Constraining the access to a single number	R99	C93	All UEs supporting autocalling
17.1.4	Behaviour of the MS when its list of blacklisted numbers is full	R99	C94	UEs that are capable of autocalling more than M B-party numbers.
	Location services			
17.2.2.1	LCS Network Induced location request/ UE-Based GPS/ Emergency Call / with USIM	R99	C365	UEs supporting FDD, emergency speech call and UE based Network Assisted GPS
17.2.2.2	LCS Network induced location request/ UE-Based GPS/ Emergency call/ Without USIM	R99	C365	UEs supporting FDD, emergency speech call and UE based Network Assisted GPS
17.2.2.3	LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ With USIM	R99	C383	UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS
17.2.2.4	LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ Without USIM	R99	C383	UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS
17.2.3.1	Void			
17.2.3.2	LCS Mobile originated location request/ UE-Based GPS/ Position estimate request/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.3	LCS Mobile originated location request UE-Based or UE-Assisted GPS ~~/ UE-Based GPS~~/ Assistance data request/ Success	R~~el-4~~99	~~C366~~Cxxx	UEs supporting FDD and UE based or UE assisted Network Assisted GPS
17.2.3.4	LCS Mobile originated location request/ UE-Assisted GPS/ Position Estimate/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.3.5	~~LCS Mobile originated location request/ UE-Based GPS/ Assistance Data Only/ Success~~Void	~~Rel-4~~	~~C366~~	~~UEs supporting FDD and UE based Network Assisted GPS~~
17.2.4.1	LCS Mobile terminated location request/ UE-Based GPS	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.2	LCS Mobile terminated location request/ UE-Based GPS/ Request of additional assistance data/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.3	LCS Mobile terminated location request/ UE-Based GPS/ Request for additional assistance data/ Failure	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.4	LCS Mobile terminated location request/ UE-Assisted GPS	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.4.5	LCS Mobile terminated location request/ UE-Assisted GPS/ Request for additional assistance data/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS

[Ö]

Cxxx IF A.1/1 AND (A.18a/12 OR A.18a/13) THEN R ELSE N/A

3GPP TSG-T WG1 Meeting #25
St Paulís Bay, Malta, 1-5 November 2004

Tdoc ⌘T1-041969

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CHANGE REQUEST

⌘ **34.123-2** **CR** **181** ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	CR to 34.123-2 R5: New test cases for A-GPS failure cases
Source:	⌘	Qualcomm
Work item code:	⌘	TEI
Date:	⌘	04/11/2004
Category:	⌘	**F**
Release:	⌘	REL-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	New test cases need to be added to applicability table.
Summary of change:	⌘	Cases 17.2.3.8, 17.2.3.9, and 17.2.4.10 added to table.
Consequences if not approved:	⌘	Test spec and applicability table will be out of sync.

Clauses affected:	⌘	4

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

Other comments:	⌘	Affects REL-5, REL-4 and R99.

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

4 Recommended test case applicability

[Ö]

SPECIFIC FEATURES				
	Test of autocalling restrictions			
17.1.2	Constraining the access to a single number	R99	C93	All UEs supporting autocalling
17.1.3	Constraining the access to a single number	R99	C93	All UEs supporting autocalling
17.1.4	Behaviour of the MS when its list of blacklisted numbers is full	R99	C94	UEs that are capable of autocalling more than M B-party numbers.
	Location services			
17.2.2.1	LCS Network Induced location request/ UE-Based GPS/ Emergency Call / with USIM	R99	C365	UEs supporting FDD, emergency speech call and UE based Network Assisted GPS
17.2.2.2	LCS Network induced location request/ UE-Based GPS/ Emergency call/ Without USIM	R99	C365	UEs supporting FDD, emergency speech call and UE based Network Assisted GPS
17.2.2.3	LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ With USIM	R99	C383	UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS
17.2.2.4	LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ Without USIM	R99	C383	UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS
17.2.3.1	Void			
17.2.3.2	LCS Mobile originated location request/ UE-Based GPS/ Position estimate request/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.3	LCS Mobile originated location request/ UE-Based GPS/ Assistance data request/ Success	Rel-4	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.4	LCS Mobile originated location request/ UE-Assisted GPS/ Position Estimate/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.3.5	LCS Mobile originated location request/ UE-Based GPS/ Assistance Data Only/ Success	Rel-4	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.3.8	LCS Mobile originated location request/ UE-Based or UE-Assisted GPS/ Assistance data request/ Failure	R99	Cxxx	UEs supporting FDD and either UE based or UE assisted Network Assisted GPS
17.2.3.9	LCS Mobile originated location request/ UE-Based GPS/ Position estimate request/ Failure	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.1	LCS Mobile terminated location request/ UE-Based GPS	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.2	LCS Mobile terminated location request/ UE-Based GPS/ Request of additional assistance data/ Success	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.3	LCS Mobile terminated location request/ UE-Based GPS/ Request for additional assistance data/ Failure	R99	C366	UEs supporting FDD and UE based Network Assisted GPS
17.2.4.4	LCS Mobile terminated location request/ UE-Assisted GPS	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.4.5	LCS Mobile terminated location request/ UE-Assisted GPS/ Request for additional assistance data/ Success	R99	C384	UEs supporting FDD and UE assisted Network Assisted GPS
17.2.4.10	LCS Mobile terminated location request/ UE-Based or UE-Assisted GPS/ Configuration incomplete	R99	Cyyy	UEs supporting FDD and exactly one of UE based and UE assisted Network Assisted GPS

[Ö]

Cxxx IF A.1/1 AND (A.18a/12 OR A.18a/13) THEN R ELSE N/A
Cyyy IF A.1/1 AND ((A.18a/12 AND NOT A.18a/13) OR (NOT A.18a/12 AND ~~NOT~~A.18a/13)) THEN R ELSE N/A

3GPP TSG-T WG1 Meeting #25
Malta, Nov 01st - 05th, 2004

Tdoc ⌘T1-041550

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-2** **CR** **168** ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

*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 [X] Radio Access Network ☐ Core Network ☐

Title:	⌘	CR to 34.123-2 REL-5; New new radio bearer test case for the support Wideband AMR speech service
Source:	⌘	Vodafone Group
Work item code:	⌘	AMRWB
Date:	⌘	18/10/2004
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change:	⌘	Radio bearer test case for Wideband AMR is added.
Summary of change:	⌘	Applicability statement for the following test case is added: 14.2.62 Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH
Consequences if not approved:	⌘	No applicability statement exist for the new test case

Clauses affected:	⌘	4			
Other specs Affected:	⌘	Y	N	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
			X		
Other comments:	⌘				

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

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

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

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

<Start of first modified section>

4 Recommended test case applicability

[Ö]

Table 1: Applicability of tests

Clause	Title	Release	Applicability	Comments
[Ö]				
RADIO BEARER SERVICES				
	Combinations on DPCH			
[Ö]				
14.2.58	Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.59	Void	Rel-5	FFS	
14.2.60	Void	Rel-5	FFS	
14.2.61	Void	Rel-5	FFS	
14.2.62	~~Void~~ Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH	Rel-5	C387~~FFS~~	UE supporting FDD and reference radio bearer configuration " Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH"
14.2.63.1	Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ 10 ms TTI	Rel-5	Cxxx	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ 10 ms TTI "
14.2.63.2	Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	Rel-5	Cyyy	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI"
[Ö]				

<End of modified section>

<Start of first modified section>

C01 IF A.1/1 THEN R ELSE N/A
C02 IF A.1/2 OR A.1/3 THEN R ELSE N/A
C03 IF A.1/3 THEN R ELSE N/A
C04 IF A.1/1 AND A.2/2 THEN R ELSE N/A
C05 IF A.1/1 AND A.1/4 THEN R ELSE N/A
C06 IF A.1/1 AND A.3/2 THEN R ELSE N/A
C07 IF A.1/1 AND A.20/27 THEN R ELSE N/A
C08 Void
C09 IF A.1/1 AND NOT A.20/3 THEN R ELSE N/A
C10 IF A.20/4 THEN R ELSE N/A
C11 IF A.20/5 THEN R ELSE N/A
C12 IF A.3/2 THEN R ELSE N/A
C13 IF A.2/1 OR A.2/2 OR A.10/2 THEN R ELSE N/A
C14 IF A.20/4 OR A.20/5 THEN R ELSE N/A
C15 Void
C16 Void
C17 IF A.3/2 AND A.20/7 THEN R ELSE N/A
C18 IF A.2/3 THEN R ELSE N/A
C19 Void
C20 IF A.2/4 THEN R ELSE N/A
C21 IF A.20/8 AND A.3/1 THEN R ELSE N/A
C22 IF A.20/9 AND A.3/1 THEN R ELSE N/A
C23 IF A.3/1 THEN R ELSE N/A
C24 IF A.20/11 AND A.3/1 THEN R ELSE N/A
C25 IF A.20/12 AND A.3/1 THEN R ELSE N/A
C26 IF A.2/5 THEN R ELSE N/A
C27 IF A.2/6 THEN R ELSE N/A
C28 IF A.20/8 AND A.3/2 THEN R ELSE N/A
C29 IF A.20/9 AND A.3/2 THEN R ELSE N/A
C30 IF A.3/2 AND A.20/31THEN R ELSE N/A
C31 IF A.20/11 AND A.20/31 AND A.3/2 THEN R ELSE N/A
C32 IF A.20/12 AND A.20/31 AND A.3/2 THEN R ELSE N/A
C33 IF A.20/13 AND A.3/1 THEN R ELSE N/A
C34 IF A.20/14 AND A.2/4 AND A.3/1 THEN R ELSE N/A
C35 IF A.20/15 AND A.3/1 THEN R ELSE N/A
C36 IF A.20/16 AND A.3/1 THEN R ELSE N/A
C37 IF A.20/13 AND A.3/2 THEN R ELSE N/A
C38 IF A.20/14 AND A.2/6 THEN R ELSE N/A
C39 Void
C40 Void
C41 IF (NOT A.20/17) AND (NOT A.20/6) AND A.20/5 THEN R ELSE N/A
C42 IF A.1/1 AND A.3/2 AND A.20/27 THEN R ELSE N/A
C43 Void
C44 Void
C45 Void
C46 IF A.3/2 AND A.20/41 THEN R ELSE N/A
C47 Void
C48 Void
C49 Void
C50 IF A.20/37 AND A.1/4 AND (A.1/2 OR A.1/3) THEN R ELSE N/A
C51 Void
C52 IF (A.1/2 OR A.1/3) AND A.3/2 THEN R ELSE N/A
C53 IF (A.1/2 OR A.1/3) AND A.20/27 THEN R ELSE N/A
C54 IF (A.1/2 OR A.1/3) AND A.3/2 AND A.20/27 THEN R ELSE N/A
C55 Void
C56 IF (A.1/2 OR A.1/3) AND A.1/4 THEN R ELSE N/A
C57 IF A.1/1 AND A.18c/5a THEN R ELSE N/A
C58 IF A.1/1 AND A.18c/7a THEN R ELSE N/A
C59 IF ((A.1/2 OR A.1/3) AND A.1/4) AND (A.2/1 OR A.2/2) THEN R ELSE N/A
C60 IF ((A.1/2 OR A.1/3) AND A.1/4) AND A.3/1 AND (A.4/1 OR A.4/2 OR A.4/3 OR A.4/4 OR A.4/5 OR A.4/6 OR A.4/7 OR A.4/8 OR A.4/9 OR A.4/10 OR A.4/11 OR A.4/12 OR A.4/13 OR A.4/14 OR A.4/15 OR A.4/16 OR A.4/17 OR A.4/18 OR A.4/19 OR A.4/20 OR A.4/21) THEN R ELSE N/A
C61 IF A.1/1 AND A.18e/4 AND A.2/7 THEN R ELSE N/A
C62 IF A.3/2 AND A.20/7 AND A.20/26 THEN R ELSE N/A
C63 IF A.3/2 AND A.20/7 AND A.20/26 AND A.20/41 THEN R ELSE N/A
C64 IF A.1/1 AND A.18e/5 THEN R ELSE N/A
C65 IF A.1/1 AND A.18f/2 THEN R ELSE N/A
C66 IF A.18a/7 THEN R ELSE N/A

C67 IF A.18b/6 OR A.18b/9 THEN R ELSE N/A
C68 IF A.1/3 AND A.18g/9 THEN R ELSE N/A
C69 IF A.1/3 AND A.18g/10 THEN R ELSE N/A
C70 IF A.1/3 AND A.18g/11 THEN R ELSE N/A
C71 IF A.1/3 AND A.18g/12 THEN R ELSE N/A
C72 IF A.1/3 AND A.18g/13.1 THEN R ELSE N/A
C73 IF A.1/3 AND A.18g/13.2 THEN R ELSE N/A
C74 IF A.1/3 AND A.18g/14.1 THEN R ELSE N/A
C75 IF A.1/3 AND A.18g/14.2 THEN R ELSE N/A
C76 IF A.1/1 AND A.18c/23a.2 THEN R ELSE N/A
C77 IF A.3/2 AND A.20/42 THEN R ELSE N/A
C78 IF A.3/3 AND A.20/42 THEN R ELSE N/A
C79 IF A.3/2 AND A.20/35 THEN R ELSE N/A
C80 void
C81 void
C82 void
C83 void
C84 void
C85 void
C86 void
C87 void
C88 IF A.3/3 THEN R ELSE N/A.
C89 IF (A.1/1 AND A.1/4) AND A.3/2 AND A.20/26 THEN R ELSE N/A
C90 IF A.1/1 AND A.3/3 THEN R ELSE N/A
C91 IF (A.1/2 OR A.1/3) AND A.3/3 THEN R ELSE N/A
C92 Void
C93 IF A.20/29 THEN R ELSE N/A
C94 IF A.20/29 AND A.20/30 THEN R ELSE N/A
C95 IF A.1/1 AND A.1/4 AND (A.2/1 OR A.2/2) AND A.3/1 THEN R ELSE N/A
C96 IF A.2/2 THEN R ELSE N/A
C97 IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.4/1 OR A.4/2 OR A.4/3 OR A.4/4 OR A.4/5 OR A.4/6 OR A.4/7 OR A.4/8 OR A.4/9 OR A.4/10 OR A.4/11 OR A.4/12 OR A.4/13 OR A.4/14 OR A.4/15 OR A.4/16 OR A.4/17 OR A.4/18 OR A.4/19 OR A.4/20 OR A.4/21) THEN R ELSE N/A
C98 IF A.3/1 OR A.3/3 THEN R ELSE N/A.
C99 IF (A.3/1 OR A.3/3) AND A.20/36 THEN R ELSE N/A.
C100 IF (A.3/1 OR A.3/3) AND A.7/30 THEN R ELSE N/A.
C101 IF A.2/3 AND A.2/4 THEN R ELSE N/A
C102 IF A.2/5 AND A.2/6 THEN R ELSE N/A
C103 IF A.3/3 AND (NOT A.20/38) THEN R ELSE N/A
C104 IF A.20/37 AND A.1/1 THEN R ELSE N/A
C105 IF A.20/37 AND (A.1/1 AND A.1/4) THEN R ELSE N/A
C106 void
C107 IF A.1/1 AND A.18c/1 THEN R ELSE N/A
C108 IF A.1/1 AND A.18c/2 THEN R ELSE N/A
C109 IF A.1/1 AND A.18c/3 THEN R ELSE N/A
C110 IF A.1/1 AND A.18c/4 THEN R ELSE N/A
C111 IF A.1/1 AND A.18c/5 THEN R ELSE N/A
C112 IF A.1/1 AND A.18c/6 THEN R ELSE N/A
C113 IF A.1/1 AND A.18c/7 THEN R ELSE N/A
C114 IF A.1/1 AND A.18c/8 THEN R ELSE N/A
C115 IF A.1/1 AND A.18c/9 THEN R ELSE N/A
C116 IF A.1/1 AND A.18c/10 THEN R ELSE N/A
C117 IF A.1/1 AND A.18c/11 THEN R ELSE N/A
C118 IF A.1/1 AND A.18c/12 THEN R ELSE N/A
C119 IF A.1/1 AND A.18c/13.1 THEN R ELSE N/A
C120 IF A.1/1 AND A.18c/13.2 THEN R ELSE N/A
C121 IF A.1/1 AND A.18c/14.1 THEN R ELSE N/A
C122 IF A.1/1 AND A.18c/14.2 THEN R ELSE N/A
C123 IF A.1/1 AND A.18c/15 THEN R ELSE N/A
C124 IF A.1/1 AND A.18c/16 THEN R ELSE N/A
C125 IF A.1/1 AND A.18c/17 THEN R ELSE N/A
C126 IF A.1/1 AND A.18c/18 THEN R ELSE N/A
C127 IF A.1/1 AND A.18c/19 THEN R ELSE N/A
C128 Void
C129 Void
C130 Void
C131 IF A.1/1 AND A.18c/23.1 THEN R ELSE N/A
C132 IF A.1/1 AND A.18c/23.2 THEN R ELSE N/A
C133 IF A.1/1 AND A.18c/23.3 THEN R ELSE N/A
C134 IF A.1/1 AND A.18c/23.4 THEN R ELSE N/A

C135	IF A.1/1 AND A.18c/24.1 THEN R ELSE N/A
C136	IF A.1/1 AND A.18c/25.1 THEN R ELSE N/A
C137	IF A.1/1 AND A.18c/25.2 THEN R ELSE N/A
C138	IF A.1/1 AND A.18c/25.3 THEN R ELSE N/A
C139	IF A.1/1 AND A.18c/25.4 THEN R ELSE N/A
C140	IF A.1/1 AND A.18c/26 THEN R ELSE N/A
C141	IF A.1/1 AND A.18c/27 THEN R ELSE N/A
C142	IF A.1/1 AND A.18c/28 THEN R ELSE N/A
C143	IF A.1/1 AND A.18c/29 THEN R ELSE N/A
C144	IF A.1/1 AND A.18c/30 THEN R ELSE N/A
C145	IF A.1/1 AND A.18c/31.1 THEN R ELSE N/A
C146	IF A.1/1 AND A.18c/31.2 THEN R ELSE N/A
C147	IF A.1/1 AND A.18c/32.1 THEN R ELSE N/A
C148	IF A.1/1 AND A.18c/32.2 THEN R ELSE N/A
C149	IF A.1/1 AND A.18c/33.1 THEN R ELSE N/A
C150	IF A.1/1 AND A.18c/33.2 THEN R ELSE N/A
C151	IF A.1/1 AND A.18c/34.1 THEN R ELSE N/A
C152	IF A.1/1 AND A.18c/34.2 THEN R ELSE N/A
C153	IF A.1/1 AND A.18c/35.1 THEN R ELSE N/A
C154	IF A.1/1 AND A.18c/35.2 THEN R ELSE N/A
C155	IF A.1/1 AND A.18c/36.1 THEN R ELSE N/A
C156	IF A.1/1 AND A.18c/36.2 THEN R ELSE N/A
C157	IF A.1/1 AND A.18c/37.1 THEN R ELSE N/A
C158	IF A.1/1 AND A.18c/37.2 THEN R ELSE N/A
C159	IF A.1/1 AND A.18c/38.1 THEN R ELSE N/A
C160	IF A.1/1 AND A.18c/38.2 THEN R ELSE N/A
C161	IF A.1/1 AND A.18c/38.3 THEN R ELSE N/A
C162	IF A.1/1 AND A.18c/38.4 THEN R ELSE N/A
C163	IF A.1/1 AND A.18c/39.1 THEN R ELSE N/A
C164	IF A.1/1 AND A.18c/39.2 THEN R ELSE N/A
C165	IF A.1/1 AND A.18c/39.3 THEN R ELSE N/A
C166	IF A.1/1 AND A.18c/39.4 THEN R ELSE N/A
C167	IF A.1/1 AND A.18c/40 THEN R ELSE N/A
C168	IF A.1/1 AND A.18c/41 THEN R ELSE N/A
C169	IF A.1/1 AND A.18c/42.1 THEN R ELSE N/A
C170	IF A.1/1 AND A.18c/42.2 THEN R ELSE N/A
C171	IF A.1/1 AND A.18c/43.1 THEN R ELSE N/A
C172	IF A.1/1 AND A.18c/43.2 THEN R ELSE N/A
C173	IF A.1/1 AND A.18c/44.1 THEN R ELSE N/A
C174	IF A.1/1 AND A.18c/44.2 THEN R ELSE N/A
C175	IF A.1/1 AND A.18c/45 THEN R ELSE N/A
C176	IF A.1/1 AND A.18c/46 THEN R ELSE N/A
C177	Void
C178	Void
C179	IF A.1/1 AND A.18c/49.1 THEN R ELSE N/A
C180	IF A.1/1 AND A.18c/49.2 THEN R ELSE N/A
C181	IF A.1/1 AND A.18c/50.1 THEN R ELSE N/A
C182	IF A.1/1 AND A.18c/50.2 THEN R ELSE N/A
C183	IF A.1/1 AND A.18c/51.1 THEN R ELSE N/A
C184	IF A.1/1 AND A.18c/51.2 THEN R ELSE N/A
C185	IF A.1/1 AND A.18c/52.1 THEN R ELSE N/A
C186	IF A.1/1 AND A.18c/52.2 THEN R ELSE N/A
C187	IF A.1/1 AND A.18c/53.1 THEN R ELSE N/A
C188	IF A.1/1 AND A.18c/53.2 THEN R ELSE N/A
C189	IF A.1/1 AND A.18c/54 THEN R ELSE N/A
C190	Void
C191	IF A.1/1 AND A.18d/1.1 THEN R ELSE N/A
C192	IF A.1/1 AND A.18d/1.2 THEN R ELSE N/A
C193	IF A.1/1 AND A.18d/2.1 THEN R ELSE N/A
C194	IF A.1/1 AND A.18d/2.2 THEN R ELSE N/A
C195	IF A.1/1 AND A.18d/3.1 THEN R ELSE N/A
C196	IF A.1/1 AND A.18d/3.2 THEN R ELSE N/A
C197	IF A.1/1 AND A.18d/4.1 THEN R ELSE N/A
C198	IF A.1/1 AND A.18d/4.2 THEN R ELSE N/A
C199	IF A.1/1 AND A.18d/5.1 THEN R ELSE N/A
C200	IF A.1/1 AND A.18d/5.2 THEN R ELSE N/A
C201	IF A.1/1 AND A.18d/6.1 THEN R ELSE N/A
C202	IF A.1/1 AND A.18d/6.2 THEN R ELSE N/A
C203	IF A.1/1 AND A.18e/1 THEN R ELSE N/A
C204	IF A.1/1 AND A.18e/2 THEN R ELSE N/A

C205	IF A.1/1 AND A.18e/3 THEN R ELSE N/A
C206	IF A.1/1 AND A.18f/1 THEN R ELSE N/A
C207	IF A.1/1 AND A.18c/24.2 THEN R ELSE N/A
C208	IF A.1/2 AND A.2/2 THEN R ELSE N/A
C209	IF A.20/37 AND A.1/2 THEN R ELSE N/A
C210	void
C211	IF A.3/3 AND A.20/39 THEN R ELSE N/A
C212	IF A.3/2 AND A.20/40 THEN R ELSE N/A
C213	IF A.3/2 AND A.19a/1 THEN R ELSE N/A
C214	IF A.3/2 AND A.19a/1 AND A.19a/3 AND A.19a/4 THEN R ELSE N/A
C215	IF A.3/2 AND A.19a/1 AND A.19a/2 THEN R ELSE N/A
C216	IF A.3/2 AND A.2/7 AND A.19b/1 THEN R ELSE N/A
C217	IF A.3/2 AND A.19b/1 AND A.19b/3 THEN R ELSE N/A
C218	IF A.3/2 AND A.2/7 AND A.19b/1 AND A.19b/2 THEN R ELSE N/A
C219	IF A.3/2 AND A.2/7 THEN R ELSE N/A
C220	IF A.1/3 AND A.18g/1 THEN R ELSE N/A
C221	IF A.1/3 AND A.18g/2 THEN R ELSE N/A
C222	IF A.1/3 AND A.18g/3 THEN R ELSE N/A
C223	IF A.1/3 AND A.18g/4 THEN R ELSE N/A
C224	IF A.1/3 AND A.18g/5 THEN R ELSE N/A
C225	IF A.1/3 AND A.18g/6 THEN R ELSE N/A
C226	IF A.1/3 AND A.18g/7 THEN R ELSE N/A
C227	IF A.1/3 AND A.18g/8 THEN R ELSE N/A
C228	IF A.1/1 AND A.3/3 AND A.7/28 THEN R ELSE N/A
C291	IF A.1/3 AND A.18g/15 THEN R ELSE N/A
C292	IF A.1/3 AND A.18g/16 THEN R ELSE N/A
C293	IF A.1/3 AND A.18g/17 THEN R ELSE N/A
C294	IF A.1/3 AND A.18g/18 THEN R ELSE N/A
C295	IF A.1/3 AND A.18g/19 THEN R ELSE N/A
C296	IF A.1/3 AND A.18g/23.1 THEN R ELSE N/A
C297	IF A.1/3 AND A.18g/23.2 THEN R ELSE N/A
C298	IF A.1/3 AND A.18g/23.3 THEN R ELSE N/A
C299	IF A.1/3 AND A.18g/23.4 THEN R ELSE N/A
C300	IF A.1/3 AND A.18g/24.1 THEN R ELSE N/A
C301	IF A.1/3 AND A.18g/24.2 THEN R ELSE N/A
C302	IF A.1/3 AND A.18g/25.1 THEN R ELSE N/A
C303	IF A.1/3 AND A.18g/25.2 THEN R ELSE N/A
C304	IF A.1/3 AND A.18g/25.3 THEN R ELSE N/A
C305	IF A.1/3 AND A.18g/25.4 THEN R ELSE N/A
C306	IF A.1/3 AND A.18g/26 THEN R ELSE N/A
C307	IF A.1/3 AND A.18g/27 THEN R ELSE N/A
C308	IF A.1/3 AND A.18g/28 THEN R ELSE N/A
C309	IF A.1/3 AND A.18g/29 THEN R ELSE N/A
C310	IF A.1/3 AND A.18g/30 THEN R ELSE N/A
C311	IF A.3/2 AND A.20/26 THEN R ELSE N/A
C312	IF A.1/3 AND A.18g/31.1 THEN R ELSE N/A
C313	IF A.1/3 AND A.18g/31.2 THEN R ELSE N/A
C314	IF A.1/3 AND A.18g/32.1 THEN R ELSE N/A
C315	IF A.1/3 AND A.18g/32.2 THEN R ELSE N/A
C316	IF A.1/3 AND A.18g/33.1 THEN R ELSE N/A
C317	IF A.1/3 AND A.18g/33.2 THEN R ELSE N/A
C318	IF A.1/3 AND A.18g/34.1 THEN R ELSE N/A
C319	IF A.1/3 AND A.18g/34.2 THEN R ELSE N/A
C320	IF A.1/3 AND A.18g/35.1 THEN R ELSE N/A
C321	IF A.1/3 AND A.18g/35.2 THEN R ELSE N/A
C322	IF A.1/3 AND A.18g/36.1 THEN R ELSE N/A
C323	IF A.1/3 AND A.18g/36.2 THEN R ELSE N/A
C324	IF A.1/3 AND A.18g/37.1 THEN R ELSE N/A
C325	IF A.1/3 AND A.18g/37.2 THEN R ELSE N/A
C326	IF A.1/3 AND A.18g/38.1 THEN R ELSE N/A
C327	IF A.1/3 AND A.18g/38.2 THEN R ELSE N/A
C328	IF A.1/3 AND A.18g/38.3 THEN R ELSE N/A
C329	IF A.1/3 AND A.18g/38.4 THEN R ELSE N/A
C330	IF A.1/3 AND A.18g/39.1 THEN R ELSE N/A
C331	IF A.1/3 AND A.18g/39.2 THEN R ELSE N/A
C332	IF A.1/3 AND A.18g/39.3 THEN R ELSE N/A
C333	IF A.1/3 AND A.18g/39.4 THEN R ELSE N/A
C334	IF A.1/3 AND A.18g/40 THEN R ELSE N/A
C335	IF A.1/3 AND A.18g/41 THEN R ELSE N/A
C336	IF A.1/3 AND A.18g/42.1 THEN R ELSE N/A
C337	IF A.1/3 AND A.18g/42.2 THEN R ELSE N/A
C338	IF A.1/3 AND A.18g/43.1 THEN R ELSE N/A

C339 IF A.1/3 AND A.18g/43.2 THEN R ELSE N/A
C340 IF A.1/3 AND A.18g/44.1 THEN R ELSE N/A
C341 IF A.1/3 AND A.18g/44.2 THEN R ELSE N/A
C342 IF A.1/3 AND A.18g/45 THEN R ELSE N/A
C343 IF A.1/3 AND A.18g/46 THEN R ELSE N/A
C344 IF A.1/3 AND A.18g/49.1 THEN R ELSE N/A
C345 IF A.1/3 AND A.18g/49.2 THEN R ELSE N/A
C346 IF A.1/3 AND A.18g/50.1 THEN R ELSE N/A
C347 IF A.1/3 AND A.18g/50.2 THEN R ELSE N/A
C348 IF A.1/3 AND A.18g/51.1 THEN R ELSE N/A
C349 Void
C350 IF A.1/3 AND A.18g/52.1 THEN R ELSE N/A
C351 IF A.1/3 AND A.18g/52.2 THEN R ELSE N/A
C352 IF A.1/3 AND A.18g/53.1 THEN R ELSE N/A
C353 IF A.1/3 AND A.18g/53.2 THEN R ELSE N/A
C354 IF A.1/3 AND A.18g/54 THEN R ELSE N/A
C355 IF A.1/3 AND A.18h/1 THEN R ELSE N/A
C356 IF A.1/1 AND A.3/1 THEN R ELSE N/A
C357 IF (A.1/2 OR A.1/3) AND A.3/1 THEN R ELSE N/A
C358 IF A.1/1 AND A.3/2 AND A.20/26 THEN R ELSE N/A
C359 IF A.1/1 AND A.3/3 AND (A.18a/8 OR A.18a/9 OR A.18a/10) THEN R ELSE N/A
C360 IF (A.1/1 AND A.18c/26) AND (A.1/4 AND A.1/5) THEN R ELSE N/A
C361 IF A.1/3 AND A.18h/2 THEN R ELSE N/A
C362 IF A.1/3 AND A.18h/3 THEN R ELSE N/A
C363 IF A.1/3 AND A.18i/1 THEN R ELSE N/A
C364 IF A.1/2 OR A.1/3 AND A.20/26 THEN R ELSE N/A
C365 IF A.1/1 AND A.2/2 AND A.18a/12 THEN R ELSE N/A
C366 IF A.1/1 AND A.18a/12 THEN R ELSE N/A
C367 Void
C368 IF A.1/1 AND (A.18a/8 OR A.18a/9 OR A.18a/10) THEN R ELSE N/A
C369 IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.18a/8 OR A.18a/9 OR A.18a/10) THEN R ELSE N/A
C370 Void
C371 IF A.1/1 AND A.18a/13 THEN R ELSE N/A
C372 IF A.1/1 AND A.18a/13 AND (A,18 b.1/7 OR A.18 b.1/10) THEN R ELSE N/A
C373 IF C374 THEN O ELSE (IF A.1/1 AND A.18a/13 AND A.18 f.1/1 THEN R ELSE N/A)
C374 IF A.1/1 AND A.18a/13 AND A.18 f.1/2 THEN R ELSE N/A
C375 IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.4/1 OR A.4/2 OR A.4/5 OR A.4/6 OR A.4/7 OR A.4/11 OR A.4/12) THEN R ELSE N/A
C376 IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.4/2 OR A.4/3 OR A.4/4 OR A.4/5 OR A.4/7 OR A.4/8 OR A.4/9 OR A.4/10 OR A.4/12 OR A.4/13 OR A.4/14 OR A.4/15 OR A.4/16 OR A.4/17 OR A.4/18 OR A.4/19 OR A.4/20 OR A.4/21) THEN R ELSE N/A
C377 IF A.1/3 AND A.18c/63.1 THEN R ELSE N/A
C378 IF A.1/3 AND A.18c/63.2 THEN R ELSE N/A
C379 IF A.3/2 AND A.20/63 THEN R ELSE N/A
C380 IF A.1/1 AND A.1/4 AND (A.2/1 OR A.2/2) AND A.3/1 AND A.18a/13 THEN R ELSE N/A
C381 IF (A.1/1 AND A.18c/26) AND (A.1/4 AND A.1/5) AND A.18a/13 THEN R ELSE N/A
C382 IF A.3/2 AND A.19a/5 THEN R ELSE N/A
C383 IF A.1/1 AND A.2/2 AND A.18a/13 THEN R ELSE N/A
C384 IF A.1/1 AND A.18a/13 THEN R ELSE N/A
C385 IF A.1/1 AND A.18a/13 AND (A.18a/9 OR A.18a/10) THEN R ELSE N/A
C386 IF A.1/1 AND A.18f.2/1 THEN R ELSE N/A
C387 IF A.1/1 AND A.18c/62 THEN R ELSE N/A

<End of modified section>

<Start of first modified section>

Table A.18c: FDD interoperability radio bearer capabilities for combinations on DPCH.

Item	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applicability (Minimum UE radio access capability)		Comments
			Parameter	Value	
[Ö]					

Item	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applicability (Minimum UE radio access capability)		Comments
			Parameter	Value	
[Ö]					
58	Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	34.108 6.10.2.4.1.58			
59	Void				
60	Void				
61	Void				
62	~~Void~~ Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH	34.108 6.10.2.4.1.62	DL Max TB bits	640	
			DL Max CC TB bits	640	
			DL Max TC TB bits	N/A	
			DL Max TrCHs	4	
			DL Max CCTrCH	1	
			DL Max TTI TB	4	
			DL Max TFS	32	
			DL Max TF	32	
			DL TC	N/A	
			UL Max TB bits	640	
			UL Max CC TB bits	640	
			UL Max TC TB bits	N/A	
			UL Max TrCHs	4	
			UL Max TTI TB	4	
			UL Max TFS	32	
			UL Max TF	32	
			UL TC	N/A	
			Other required UE radio access capability	None	
63.1	Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ 10 ms TTI	34.108 6.10.2.4.1.63	DL Max TB bits	10240	
			DL Max CC TB bits	640	
			DL Max TC TB bits	10240	
			DL Max TrCHs	8	
			DL Max CCTrCH	2	
			DL Max TTI TB	64	
			DL Max TFS	256	
			DL Max TF	128	
			DL TC	Yes	
			UL Max TB bits	3840	
			UL Max CC TB bits	640	
			UL Max TC TB bits	3840	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	32	
			UL Max TF	32	
			UL TC	Yes	
			Other required UE radio access capability	None	
63.2	Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	34.108 6.10.2.4.1.63	DL Max TB bits	10240	
			DL Max CC TB bits	640	
			DL Max TC TB bits	10240	

Item	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applicability (Minimum UE radio access capability)		Comments
			Parameter	Value	
[Ö]					
			DL Max TrCHs	8	
			DL Max CCTrCH	2	
			DL Max TTI TB	64	
			DL Max TFS	256	
			DL Max TF	128	
			DL TC	Yes	
			UL Max TB bits	3840	
			UL Max CC TB bits	640	
			UL Max TC TB bits	3840	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	32	
			UL Max TF	32	
			UL TC	Yes	
			Other required UE radio access capability	None	
NOTE: To enable UE loopback of test data for the FDD interoperability reference radio bearer configurations having zero rate in uplink or downlink (items 18 to 22, items 47 to 49 and items 54 and 55 in table A.18c) the "Streaming / unknown / UL:14,4 kbps / CS RAB" and "Streaming / unknown / DL:14,4 kbps / CS RAB" have been used instead of the zero-rate uplink and downlink configuration. The impact on the UE radio access capability has been taken into account in the applicbility statement for those items.					

<End of modified section>

3GPP TSG-T1 Meeting #25
Malta, 1st ñ 5th November 2004

Tdoc ⌘T1-041595

CR-Form-v7

CHANGE REQUEST

⌘ **34-123-2** **CR** 170 ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	Update of applicability for MAC-hs test cases
Source:	⌘	Ericsson, NTT DoCoMo, Qualcomm
Work item code:	⌘	HSDPA
Date:	⌘	21/10/2004
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change:	⌘	1. Title of MAC-hs test case changed 2. New MAC-hs test case added to 34.123-1
Summary of change:	⌘	1. Update of title for MAC-hs test case 7.1.5.2 according to changes in CR to 34.123-1 in T1-041596 2. New MAC-hs test case added: 7.1.5.6 MAC-hs transport block size selection
Consequences if not approved:	⌘	34.123-2 not aligned to 34.123-1

Clauses affected:	⌘	4			
Other specs affected:	⌘	Y / N		⌘	
		☐ / ☒	Other core specifications		
		☒ / ☐	Test specifications		34.123-1 (T1-041593, T1-041594)
		☐ / ☒	O&M Specifications		
Other comments:	⌘				

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

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

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

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

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

Table 1: Applicability of tests

Clause	Title	Release	Applicability	Comments
IDLE MODE				
6.1.1.1	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Manual mode	R99	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
Ö Ö				
LAYER 2				
7.1.1.1	CCCH mapped to RACH/FACH / Invalid TCTF	R99	R	All UEs
Ö Ö				
7.1.5.1	MAC-hs reordering and stall avoidance	Rel-5	C371	UEs supporting FDD and HS-PDSCH
7.1.5.2	MAC-hs p~~P~~riority queue handling	Rel-5	C371	UEs supporting FDD and HS-PDSCH
7.1.5.3	MAC-hs PDU header handling	Rel-5	C371	UEs supporting FDD and HS-PDSCH
7.1.5.4	MAC-hs retransmissions	Rel-5	C371	UEs supporting FDD and HS-PDSCH
7.1.5.5	MAC-hs reset	Rel-5	C371	UEs supporting FDD and HS-PDSCH
7.1.5.6	MAC-hs transport block size selection	Rel-5	C371	UEs supporting FDD and HS-PDSCH
Ö Ö				

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-2** **CR** **183** ⌘**rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	Correction to applicability of A-GPS test case 17.2.3.3
Source:	⌘	Motorola
Work item code:	⌘	TEI
Date:	⌘	16/11/2004
Category:	⌘	**F**
Release:	⌘	REL-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Due to a network side spec limitation in R99 (RANAP), R99 version of TS 24.030 has put a restriction on R99 UE of not allowing to request assistance data with the MOLR procedure. This restriction in R99 24.030 does not take into account the fact that a R99 terminal could be operating in a Rel-4 network, which is capable to process assistance data request request. Moreover, request of assistance data is fundamental to UE-Based A-GPS location methodology. Hence, MOLR assistance data request procedure can be tested on a R99 UE supporting molr-Type parameter ëgpsAssistanceDataí.
Summary of change:	⌘	Changed applicability of 17.2.3.3 to R99
Consequences if not approved:	⌘	Test case cannot be executed on a R99 UE

Clauses affected:	⌘	4			
Other specs affected:	⌘	**Y**	**N**		⌘
			X	Other core specifications	
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	This CR affects R99 and later releases.			

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.

<First modified section>

4 Recommended test case applicability

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Table 1: Applicability of tests

Clause	Title	Release	Applicability	Comments
17.2.3.3	LCS Mobile originated location request/ UE-Based GPS or UE-Assisted GPS/ Assistance data request/ Success	R99Rel-4	Cxxx366	UEs supporting FDD and UE based or UE assisted Network Assisted GPS and molr-Type parameter gpsAssistanceDataí

[Ö]

Cxxx IF A.1/1 AND (A.18a/12 OR A.18a/13) AND A.7/31 THEN R ELSE N/A

<End of modified section>

<Next modified section>

A.4 ICS proforma tables

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A.4.2.1.3 Supplementary Services

Table A.7: Supplementary Services

Item	Supplementary services	Ref.	Release	Comments
1	Call Deflection	22.072; 22.004, 4	R99	
2	Calling Line Identification Presentation	22.081, 1; 22.004, 4	R99	
3	Calling Line Identification Restriction	22.081, 2; 22.004, 4	R99	
4	Connected Line Identification Presentation	22.081, 3; 22.004, 4	R99	
5	Connected Line Identification Restriction	22.081, 4; 22.004, 4	R99	
6	Call Forwarding Unconditional	22.082, 1; 22.004, 4	R99	
7	Call Forwarding on Mobile Subscriber Busy	22.082, 2; 22.004, 4	R99	
8	Call Forwarding on No Reply	22.082, 3; 22.004, 4	R99	
9	Call Forwarding on Mobile Subscriber Not Reachable	22.082, 4; 22.004, 4	R99	
10	Call Waiting	22.083, 1; 22.004, 4	R99	
11	Call Hold	22.083, 2 22.004, 4	R99	
12	Multi Party Service	22.084; 22.004, 4	R99	
13	Closed User Group	22.085; 22.004, 4	R99	
14	User-to-user signalling	22.087; 22.004, 4	R99	
15	Advice of Charge (Information)	22.086, 1; 22.004, 4	R99	
16	Advice of Charge (Charging)	22.086, 2; 22.004, 4	R99	
17	Barring of All Outgoing Calls	22.088, 1; 22.004, 4	R99	
18	Barring of Outgoing International Calls	22.088, 1; 22.004, 4	R99	
19	Barring of Outgoing International Calls except those directed to the Home PLMN Country	22.088, 1; 22.004, 4	R99	
20	Barring of All Incoming Calls	22.088, 2; 22.004, 4	R99	
21	Barring of Incoming Calls when Roaming Outside the Home PLMN Country	22.088, 2; 22.004, 4	R99	
22	Explicit call transfer	22.091; 22.004, 4	R99	
23	Call Completion to Busy Subscriber	22.093; 22.004, 4	R99	
24	Call Completion to Busy Subscriber Request	22.093; 22.004, 4	R99	
25	Follow Me	22.094	R99	
26	Calling name presentation (CNAP)	22.096; 22.004, 4	R99	
27	Multiple Subscriber Profile (MSP)	22.097; 22.004, A	R99	
28	Multicall	22.135; 22.004, 4	R99	
29	enhanced Multi-Level Precedence and Pre-emption	22.067; 22.004, 4	R99	
30	At least one non-call related Supplementary Service supported		R99	
31	Support of molr-Type parameter ëgpsAssistanceDataí	24.030, 5.1.1; 24.080, 4.4.3.44	R99	
NOTE: Test cases for ~~these~~ features in items 1 to 30 will not be include in R99 of TS 34.123-1.				

A.4.2.1.4 Service Capabilities

Table A.8: Service Capabilities

Item	Services Capabilities	Ref.	Release	Comments
1	Mobile station Execution Environment (MExE)	22.057	R99	
2	Location Service (LCS)	22.071	R99	
3	USIM Application Toolkit (USAT)	31.111	R99	
NOTE: Test cases for these features will not be include in R99 of TS 34.123-1.				

Table A.8a: UE positioning capability

Item	Services Capabilities	Ref.	Release	Comments
1	Support for IPDL			
2	Support of GPS timing of cell frames			
3	Based OTDOA is supporting by UE			
4	SS standalone location method is supporting by UE			

<End of modified section>

3GPP TSG-T1 Meeting #25
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Tdoc ⌘T1-041734

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CHANGE REQUEST

⌘ **34-123-2** **CR** 175 ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

*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 [X] Radio Access Network ☐ Core Network ☐

Title:	⌘	Addition of applicability for new radio bearer test case for PS streaming and downlink rate up to 128 kbps.
Source:	⌘	Ericsson, Cingular
Work item code:	⌘	TEI
Date:	⌘	24/10/2004
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

Reason for change:	⌘	New radio bearer test case added to 34.123-1
Summary of change:	⌘	Applicability statement for test case 14.2.58a (Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH) added.
Consequences if not approved:	⌘	34.123-2 not aligned to 34.123-1

Clauses affected:	⌘	4			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
		X		Test specifications	34.108 (T1-041685) 34.123-1 (T1-041692)
			X	O&M Specifications	
Other comments:	⌘	Affects Rel 99, Rel4 and Rel5 UEs.			

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

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

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

Table 1: Applicability of tests

Clause	Title	Release	Applicability	Comments
IDLE MODE				
6.1.1.1	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Manual mode	R99	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
Ö Ö				
RADIO BEARER SERVICES				
	Combinations on DPCH			
Ö Ö				
14.2.58	Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.58a	Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.59	Void	~~Rel-5~~	~~FFS~~	
14.2.60	Void	~~Rel-5~~	~~FFS~~	
14.2.61	Void	~~Rel-5~~	~~FFS~~	
Ö Ö				

3GPP TSG-T1 Meeting #25
Malta, 1st ñ 5th November 2004

Tdoc ⌘T1-041735

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CHANGE REQUEST

⌘ **34-123-2** **CR** 176 ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

*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 **X** Radio Access Network ☐ Core Network ☐

Title:	⌘	Addition of applicability for new HSDPA radio bearer test cases
Source:	⌘	Ericsson
Work item code:	⌘	HSDPA
Date:	⌘	24/10/2004
Category:	⌘	**F**
		Use one of the following categories: ***F*** *(correction)* ***A*** *(corresponds to a correction in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)* Detailed explanations of the above categories can be found in 3GPP TR 21.900.
Release:	⌘	Rel-5
		Use one of the following releases: *2 (GSM Phase 2)* *R96 (Release 1996)* *R97 (Release 1997)* *R98 (Release 1998)* *R99 (Release 1999)* *Rel-4 (Release 4)* *Rel-5 (Release 5)* *Rel-6 (Release 6)*

Reason for change:	⌘	CR in T1-041733 has added three new HSDPA radio bearer combinations to 34.123-1.
Summary of change:	⌘	The applicability for following new HSDPA radio bearer test cases are added: 14.6.3 Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 14.6.4 Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH 14.6.5 Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
Consequences if not approved:	⌘	34.123-2 not aligned to 34.123-1

Clauses affected:	⌘	4			
Other specs affected:	⌘	**Y**	**N**		
			X	Other core specifications	⌘
		X		Test specifications	34.123-1 (T1-041733)
			X	O&M Specifications	

Other comments:	⌘

How to create CRs using this form:

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

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

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

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

Table 1: Applicability of tests

Clause	Title	Release	Applicability	Comments
IDLE MODE				
6.1.1.1	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Manual mode	R99	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
Ö Ö				
RADIO BEARER SERVICES				
	Combinations on DPCH			
Ö Ö				
	Combinations on DPCH and HS-PDSCH			
14.6.1	Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-5	C373	UE supporting FDD and HS-PDSCH and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH Note. For UEs for which test case 14.6.2 is applicable then test case 14.6.1 is optional (14.6.1 considered implicitely covered by 14.6.2).
14.6.2	Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-5	C374	UE supporting FDD and HS-PDSCH and Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.6.3	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-5	FFS	
14.6.4	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-5	FFS	
14.6.5	Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-5	FFS	
Ö Ö				

3GPP TSG-T1 Meeting #25
Malta, 1st ñ 5th November 2004

Tdoc ⌘T1-041940 *(rev.T1-041809)*

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-2** **CR** 177 ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	Addition of PICS entries for frequency bands III - VI
Source:	⌘	MCC task 160
Work item code:	⌘	TEI
Date:	⌘	2/11/2004
Category:	⌘	**F**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change:	⌘	New frequency bands added to 34.123-2
Summary of change:	⌘	New entries for bands III - VI added in A.4.3.2
Consequences if not approved:	⌘	34.123-2 not aligned to 34.123-1

Clauses affected:	⌘	A.4.3.2

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

Other comments:	⌘	Release independent

A.4.3.2 RF Baseline Implementation Capabilities

Table A.15: FDD (DS) RF Baseline Implementation Capabilities

Item	FDD (DS) RF Baseline Implementation Capabilities	Ref.	Release	Comments
1	Chip rate 3,84 Mcps	25.101, 5.1	R99	
2	Frequency band: 1 920-1 980, 2 110-2 170 MHz	25.101, 5.2	R99	Band I
3	Frequency band: 1 850-1 910, 1 930-1 990 MHz	25.101, 5.2	R99	Band II
4	Frequency band: Other spectrum	25.101, 5.2	R99	
5	TX-RX Freq. Sep: 190 MHz	25.101, 5.3	R99	
6	TX-RX Freq. Sep: 80 MHz	25.101, 5.3	R99	
7	TX-RX Freq. Sep: Variable	25.101, 5.3	R99	
8	Carrier raster: 200 kHz	25.101, 5.4	R99	
9	UE Power Class 1 (+33 dBm)	25.101, 6.2.1	R99	
10	UE Power Class 2 (+27 dBm)	25.101, 6.2.1	R99	
11	UE Power Class 3 (+24 dBm)	25.101, 6.2.1	R99	
12	UE Power Class 4 (+21 dBm)	25.101, 6.2.1	R99	
13	Output RF spectrum emissions	25.101, 6.6	R99	
14	Frequency band: 1710-1785, 1805-1880 MHz	25.101, 5.2	R99	Band III
15	Frequency band: 1710-1755, 2110-2155 MHz	25.101, 5.2	R99	Band IV
16	Frequency band: 824 ñ 849, 869-894 MHz	25.101, 5.2	R99	Band V
17	Frequency band: 830-840, 875-885 MHz	25.101, 5.2	R99	Band VI

3GPP TSG-T WG1 Meeting #25
Malta, Nov 1st-5th, 2004

Tdoc ⌘T1-041970

CR-Form-v7

CHANGE REQUEST

⌘ **34.123-2** **CR** **182** ⌘ **rev** **-** ⌘ Current version: **5.9.0** ⌘

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

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

Title:	⌘	CR to 34.123-2 Rel-5; New HSDPA RRC test cases
Source:	⌘	Ericsson
Work item code:	⌘	HSDPA
Date:	⌘	04/11/2004
Category:	⌘	**B**
Release:	⌘	Rel-5

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 *(GSM Phase 2)*
R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
Rel-4 *(Release 4)*
Rel-5 *(Release 5)*
Rel-6 *(Release 6)*

Reason for change:	⌘	Increase of coverage for RRC HSDPA test cases according to the work plan.
Summary of change:	⌘	Applicability for the following test cases are added: 8.2.3.31 Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (With active HS-DSCH reception) 8.2.3.32 Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, with active
Consequences if not approved:	⌘	Inconsistency between test specifications

Clauses affected:	⌘	4			
Other specs affected:	⌘	Y / N ☐ / X Other core specifications X / ☐ Test specifications ☐ / X O&M Specifications	⌘	TS 34.123-1	
Other comments:	⌘	Affects Rel-5.			

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Below is a brief summary:

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

4 Recommended test case applicability

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Table 1: Applicability of tests

Clause	Title	Release	Applicability	Comments
	<Ö >			
8.2.3.30	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (stop of HS-DSCH reception)	Rel-5	C371	UEs supporting FDD and HS-PDSCH
8.2.3.31	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (With active HS-DSCH reception)	Rel-5	Cxxx	UEs supporting FDD and PS domain services and CS domain services and HS-PDSCH
8.2.3.32	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, with active HS-DSCH reception)	Rel-5	Cxxx	UEs supporting FDD and PS domain services and CS domain services and HS-PDSCH.
8.2.4.1	RRC / Transport channel reconfiguration (Timing re- initialised hard handover with transmission rate modification) from CELL_DCH to CELL_DCH (Hard handover to same radio frequency): Success	R99	C01	UEs supporting FDD.
			C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
	<Ö >			

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C386 IF A.1/1 AND A.18f.2/1 THEN R ELSE N/A
Cxxx IF A.1/1 AND A.3/3 AND A.18a/14 THEN R ELSE N/A