**Source:** **T1**

**Title:** **CRs to TS 34.123-2 v.5.8.0 for approval**

**Agenda item:** **5.1.3**

**Document for:** **Approval**

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This document contains the CRs to TS 34.123-2 v.5.8.0. These CRs have been agreed by T1 and are put forward to TSG T for approval.

| Doc-2nd-Level | Spec | CR | Rev | Phase | Subject | Cat | Version-Current | Version-New |
|---|---|---|---|---|---|---|---|---|
| T1-041067 | 34.123-2 | 158 | - | Rel-5 | Corrections to applicability of GMM test cases | F | 5.8.0 | 5.9.0 |
| T1-041091 | 34.123-2 | 167 | - | Rel-5 | Introduction of PICS condition between emergency call and speech | F | 5.8.0 | 5.9.0 |
| T1-041197 | 34.123-2 | 159 | - | Rel-5 | Correction to applicability of TCs 14.2.63.1 and 14.2.63.2 | F | 5.8.0 | 5.9.0 |
| T1-041275 | 34.123-2 | 160 | - | Rel-5 | Removal of package 3 idle mode test case 6.1.2.7 | F | 5.8.0 | 5.9.0 |
| T1-041293 | 34.123-2 | 161 | - | Rel-5 | New radio bearer test case for the support Wideband AMR speech service | F | 5.8.0 | 5.9.0 |
| T1-041415 | 34.123-2 | 162 | - | Rel-5 | Applicability Table for new HSDPA test cases | F | 5.8.0 | 5.9.0 |
| T1-041426 | 34.123-2 | 163 | - | Rel-5 | Introduction of new PDCP / RoHC test case in clause 7.3.5 of the applicability table and definition of related PICS condition | F | 5.8.0 | 5.9.0 |
| T1-041431 | 34.123-2 | 164 | - | Rel-5 | New test cases for A-GPS | F | 5.8.0 | 5.9.0 |
| T1-041432 | 34.123-2 | 165 | - | Rel-5 | New HSDPA RRC test cases | F | 5.8.0 | 5.9.0 |
| T1-041439 | 34.123-2 | 166 | - | Rel-5 | New MAC test case for TFC selection with extended TFCS. | F | 5.8.0 | 5.9.0 |
| T1-041440 | 34.123-2 | 168 | - | Rel-5 | Addition of 1 new Inter-RAT test cases to the applicability table. | F | 5.8.0 | 5.9.0 |
| T1-041441 | 34.123-2 | 167 | - | Rel-5 | Addition of clause 8.2.6.43 and 8.2.6.44 to the applicability table | F | 5.8.0 | 5.9.0 |

**3GPP TSG-T1 Meeting #24**
**Toronto, Canada, 26th – 30th July 2004**

***Tdoc ⌘T1-041067***

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** ~~CRNum~~1 58 ⌘ **rev** -- ⌘ Current version: **5.8.0** ⌘

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

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

| | | |
|---|---|---|
| ***Title:*** | ⌘ | Corrections to applicability of GMM test cases |
| ***Source:*** | ⌘ | Nokia, MCC 160 |
| ***Work item code:*** | ⌘ | TEI |
| ***Date:*** | ⌘ | 14/07/2004 |
| ***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) In TCs 12.2.1.5b (low), 12.2.1.5d (low), 12.3.2.6 (low), 12.3.2.7 (low), 12.4.3.2 (low), 12.4.3.3 (low) and 12.4.1.1b (P4), the UE is set in UE operation mode A in the test sequence. However the applicability statement for these cases is C12 = IF A.3/2 THEN R ELSE N/A (UE supporting PS domain services). This needs to be changed to indicate support for operation mode A.
2) In TC 12.3.1.2 (P1) in the expected sequence step 6, UE is required to initiate a PS detach without power off. New applicability statement is needed to indicate this.
3) In TCs 12.3.2.8 (low) and 12.4.3.4 (low), the UE is set in UE operation mode A or C in the test sequence. It is enough if the applicability statement indicates support for PS domain services.
4) TCs 12.4.1.7 (low) and 12.4.2.9 (low) have been deleted from 34.123-1.
5) TC 12.4.1.3a should be 12.4.1.3 as in 34.123-1.

***Summary of change:*** ⌘
1) Applicability of TCs 12.2.1.5b, 12.2.1.5d, 12.3.2.6, 12.3.2.7, 12.4.3.2, 12.4.3.3 and 12.4.1.1b changed from C12 to C88.
2) New applicability statement created for TC 12.3.1.2.
3) Applicability of TCs 12.3.2.8 (low) and 12.4.3.4 changed from C88 to C12.
4) TCs 12.4.1.7 (low) and 12.4.2.9 (low) marked as Void.
5) TC 12.4.1.3a renamed as 12.4.1.3.

***Consequences if not approved:*** ⌘ Incorrect applicability statements, mismatch between 34.123-1 and 34.123-2 specifications.

***Clauses affected:*** ⌘ 4, A.4.4

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

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

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

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

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

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

<START OF MODIFIED SECTION>

| | | | | |
|---|---|---|---|---|
| 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. |
| 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 | ~~C12~~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 | ~~C12~~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 | ~~C12~~Cxxx | 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. |
| 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 | ~~C12~~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 | ~~C12~~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 | ~~C88~~C12 | UE supporting PS domain services ~~and CS domain services (UE supports UE operation mode A)~~. |
| 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 | ~~C12~~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. |
| 12.4.1.3~~a~~ | 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 | ~~Routing area updating / abnormal cases / change of cell during routing area updating procedure~~Void | ~~R99~~ | ~~C12~~ | ~~UE supporting PS domain services.~~ |
| 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 | | | |
| 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 | ~~Combined routing area updating / abnormal cases / change of cell during routing area updating procedure~~Void | ~~R99~~ | ~~C88~~ | ~~UE supporting PS domain services and CS domain services (UE supports UE operation mode A).~~ |
| 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 | ~~C12~~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 | ~~C12~~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 | ~~C88~~C12 | UE supporting PS domain services ~~and CS domain services (UE supports UE operation mode A)~~. |
| 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 'MAC failure' | R99 | C12 | UE supporting PS domain services |
| 12.6.1.3.2 | GMM cause 'Synch failure' | 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. |
| 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 “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” |
| 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 “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” |
| 14.2.8 | Conversational / speech / UL:6.7 DL:6.7 kbps | R99 | C114 | UE supporting FDD and reference |

| | | | | |
|---|---|---|---|---|
| | / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | | | 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 for DCCH | R99 | C116 | UE supporting FDD and reference radio bearer configuration "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)" |

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| 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 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 “Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC)” |
| 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 | R99 | C144 | UE supporting FDD and reference |

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| | kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH | | | 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" |
| 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 |

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| | | | | 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 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 / |

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| | | | | 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 / 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 / |

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| | | | | 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 | | | |
| 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 |

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| | | | | 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 + 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 | Void | 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 | 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" |
| | ***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 |

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| | 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 "Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH" |
| 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 "RB for CTCH + SRB for CCCH +SRB for BCCH" 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 "Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH" |
| | ***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<br><br>Note.<br>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. |

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| 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. |

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| 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 |
| 17.2.3.1 | Void | | | |
| 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 |
| **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 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 | Rel-4 | C69 | UE supporting LCRTDD and reference radio bearer configuration |

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| | for DCCH | | | "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 + 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 |

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| | | | | 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: 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 |

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| | | | | 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 for DCCH / 20 ms TTI | Rel-4 | C321 | 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 / 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 | Rel-4 | C326 | UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 |

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| | kbps SRBs for DCCH / (TC, 20 ms TTI) | | | 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 / 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 / | Rel-4 | C337 | UE supporting LCRTDD and reference radio bearer configuration |

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| | UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | | | "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 SRBs for DCCH | Rel-4 | C343 | UE supporting LCRTDD and reference radio bearer configuration "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 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" |

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| 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" |
| 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" |

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|---|---|---|---|---|
| 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 IF A.1/1 AND A.2/1 AND A.2/2 THEN R ELSE N/A
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 IF A.1/2 AND A.2/1 AND A.2/2 THEN R ELSE N/A
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,18c/7 OR A.18c/10) THEN R ELSE N/A
C373 IF C374 THEN O ELSE (IF A.1/1 AND A.18a/13 AND A.18g/1 THEN R ELSE N/A)
C374 IF A.1/1 AND A.18a/13 AND A.18g/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
Cxxx IF A.3/2 AND A.20/xx THEN R ELSE N/A

<END OF MODIFIED SECTION>

<START OF MODIFIED SECTION>

## A.4.4 Additional information

**Table A.20: Additional information**

| Item | Additional information | Ref. | Release | Comments |
|---|---|---|---|---|
| 1 | At least one bearer service | 22.002, 3 | R99 | |
| 2 | At least one supplementary service | 22.004, 4 | R99 | |
| 3 | Inter-system measurement for GSM | 25.331, 8.4 | R99 | |
| 4 | At least one MO circuit switched basic service | 24.008, 5.3.4.2.1 | R99 | |
| 5 | At lease one MT circuit switched basic service | 24.008, 5.3.4.2.2 | R99 | |
| 6 | Immediate connect supported for all circuit switched basic services. | 24.008, 5.2.1.6 | R99 | |
| 7 | Activation of one or more PDP contexts simultaneously | [TBD] | R99 | |
| 8 | Sending of correct acknowledgement of memory full condition | [TBD] | R99 | |
| 9 | Status report capability | [TBD] | R99 | |
| 10 | Void | | | |
| 11 | Storing of received Class 1 short messages | [TBD] | R99 | |
| 12 | Storing of received Class 2 short messages in the SIM | [TBD] | R99 | |
| 13 | Replacing of short messages | [TBD] | R99 | |
| 14 | Reply procedures | 23.040, Annex 4 | R99 | |
| 15 | Sending of multiple short messages on the same RR connection when there is no call in progress | [TBD] | R99 | |
| 16 | Sending of concatenated multiple short messages when there is a call in progress | [TBD] | R99 | |
| 17 | Only circuit switched basic service supported by the mobile is emergency call | 22.003, 6, A.1.2 | R99 | |
| 18 | Multi-code transmission | [TBD] | R99 | |
| 19 | Poll_PU based polling mode of AM RLC | [TBD] | R99 | |
| 20 | Timer based polling mode of AM RLC | [TBD] | R99 | |
| 21 | Discard mode of AM RLC | [TBD] | R99 | |
| 22 | At least one MO circuit switched basic service | [TBD] | R99 | |
| 23 | At least one MO circuit switched basic service for which immediate connect is not used | [TBD] | R99 | |
| 24 | Network initiated MO call (CCBS) | 24.008, 5.2.3 24.093, 4.1 | R99 | |
| 25 | DTMF protocol control procedure | 24.008, 5.5.7 | R99 | |
| 26 | Secondary PDP context activation procedure | 24.008, 6.1.3.2 | R99 | |
| 27 | Support of UMTS encryption algorithm UEA1 | 33.102, 6.6 | R99 | |
| 28 | Support of UMTS integrity algorithm UIA1 | 33.102, 6.5 | R99 | |
| 29 | Support Automatic calling repeat call attempt | 22.001, Annex E | R99 | |
| 30 | Support auto-calling more B-party numbers than the number of B-party numbers that can be stored in the list of blacklisted numbers | 22.001, Annex E | R99 | |
| 31 | UE capable of displaying short messages in PS mode | TBD | R99 | |
| 32 | Support of Follow On Proceed | 24.008, 4.4.4.6 | R99 | |
| 33 | Void | | | |
| 34 | Support detach on USIM removal | | R99 | |
| 35 | Support switch on/off | | R99 | |
| 36 | Support USIM removal without power down | | R99 | |
| 37 | Indication and user selection of PLMN | 23.122, 4.4.3 | R99 | |
| 38 | Support of automatic PS attach procedure at switch on. | | R99 | |
| 39 | User requested combined PS and non-PS detached without powering off | 24.008, 4.7.4 | R99 | |
| 40 | User requested non-PS detached | 24.008, 4.7.4 | R99 | |
| 41 | Support for user setting of minimum QoS | [TBD] | R99 | |
| 42 | PS attach attempted automatically by outstanding request | 24.008, 4.7 | R99 | |
| 43 | Support for making an outgoing PS call by AT commands | 27.007, 10.1.10, 10.1.6, 10.1.1, 10.1.7 | R99 | |
| 44 | Algorithm A5/1 supported | 24.008, 10.5.1.6 | R99 | |

| | | | | |
|---|---|---|---|---|
| 45 | Controlled Early Classmark Sending" option implementation | 24.008, 10.5.1.6 | R99 | |
| 46 | Algorithm A5/2 supported | 24.008, 10.5.1.6 | R99 | |
| 47 | Algorithm A5/3 supported | 24.008, 10.5.1.6 | R99 | |
| 48 | Algorithm A5/4 supported | 24.008, 10.5.1.7 | R99 | |
| 49 | Algorithm A5/5 supported | 24.008, 10.5.1.7 | R99 | |
| 50 | Algorithm A5/6 supported | 24.008, 10.5.1.7 | R99 | |
| 51 | Algorithm A5/7 supported | 24.008, 10.5.1.7 | R99 | |
| 52 | Support any options that are indicated in CM3 | 24.008, 10.5.1.6 | R99 | |
| 53 | Support the E-GSM or R-GSM band | 24.008, 10.5.1.6 | R99 | |
| 54 | LCS value added location request notification capability | 24.008, 10.5.1.6 | R99 | |
| 55 | CM Service Prompt | 24.008, 10.5.1.6 | R99 | |
| 56 | Pseudo Synchronisation Capability | 24.008, 10.5.1.6 | R99 | |
| 57 | SM capability | 24.008, 10.5.1.6 | R99 | |
| 58 | SoLSA Support | 24.008, 10.5.1.6 | R99 | |
| 59 | UCS2 Encoding | 24.008, 10.5.1.6 | R99 | |
| 60 | VBS notification reception | 24.008, 10.5.1.6 | R99 | |
| 61 | VGCS Capability | 24.008, 10.5.1.6 | R99 | |
| 62 | Access technology priority supported in HPLMNwACT field | 23.122, 4.4.3.1.1 f) | R99 | It is allowed for R99 UE to implement either R99 or Rel-6 behavior. |
| xx | User requested PS detach without powering off | 24.008, 4.7.4 | R99 | |

<END OF MODIFIED SECTION>

**3GPP TSG-T1 Meeting #24**
**Toronto, Canada, 26th – 30th July 2004**

***Tdoc ⌘T1-041091***

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** **167** ⌘**rev** **-** ⌘ Current version: **5.8.0** ⌘

*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:*** | ⌘ | Introduction of PICS condition between emergency call and speech |
| ***Source:*** | ⌘ | CETECOM GmbH and Rohde & Schwarz |
| ***Work item code:*** | ⌘ | TEI |
| ***Date:*** | ⌘ | 16/07/04 |
| ***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:*** | ⌘ | On last T1#23 meeting in Beijing it was agreed to define a fxed relation between support of speech and support of emergency call. This CR introduces a table defining such conditions. |
| ***Summary of change:*** | ⌘ | Added a condition table in Annex A, table4.3 |
| ***Consequences if not approved:*** | ⌘ | TS 34.123-2 would not be updated according T1#23 approval on emergency call dependency |

| | | |
|---|---|---|
| ***Clauses affected:*** | ⌘ | Clause 4, Annex A 4.2.1.1 |

| | | Y | N | | | |
|---|---|---|---|---|---|---|
| ***Other specs Affected:*** | ⌘ | | X | Other core specifications | ⌘ | 34.123-2 |
| | | X | | Test specifications | | |
| | | | X | O&M Specifications | | |

| | | |
|---|---|---|
| ***Other comments:*** | ⌘ | Applicable for R99, Rel-4, 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

# 3GPP TS 34.123-2 V5.8.0 (2004-06)

*Technical Specification*

# 3rd Generation Partnership Project; Technical Specification Group Terminal User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification (Release 5)

The present document has been developed within the 3rd Generation Partnership Project (3GPP ™) and may be further elaborated for the purposes of 3GPP.

The present document has not been subject to any approval process by the 3GPP Organizational Partners and shall not be implemented.
This Specification is provided for future development work within 3GPP only. The Organizational Partners accept no liability for any use of this Specification.
Specifications and reports for implementation of the 3GPP ™ system should be obtained via the 3GPP Organizational Partners' Publications Offices.

# 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 – 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 – the applicability is required to be supported. |
| O | optional – the capability may be supported or not. |
| N/A | not applicable – in the given context, it is impossible to use the capability. |
| X | prohibited (excluded) – there is a requirement not to use this capability in the given context. |
| O.i | qualified optional – 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 – 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.

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

Notwithstanding the provisions of the copyright clause related to the text of the present document, 3GPP grants that users of the present document may freely reproduce the ICS proforma in this annex so that it can be used for its intended purposes and may further publish the completed ICS.

## 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 ~~speech~~ call | 22.105, 6.4.2 | C201 | R99 | |
| 3 | Short Message Service (SMS) MT over CS | 22.105, 6.4.3<br>22.003,<br>A.1.3.1 | O | R99 | |
| 4 | Short Message Service (SMS) MO over CS | 22.105, 6.4.3<br>22.003,<br>A.1.3.2 | O | R99 | |
| 5 | Short Message Service (SMS) MT over PS | 22.105, 6.4.3<br>22.003,<br>A.1.3.1 | O | R99 | |
| 6 | Short Message Service (SMS) MO over PS | 22.105, 6.4.3<br>22.003,<br>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<br>22.002 | R99 | |
| 2 | Packet Switched | 22.105, 5.1<br>22.060 | R99 | |
| 3 | UE supports UE operation mode A: PS and CS simultaneously | | R99 | |

### 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 | |

**3GPP TSG-T1 Meeting #24**
**Toronto, Canada, 26th – 30th July 2004**

***Tdoc ⌘T1-041197***

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** **159** ⌘ **rev** **-** ⌘ Current version: **5.8.0** ⌘

*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 TCs 14.2.63.1 and 14.2.63.2 |
| ***Source:*** | ⌘ | Nokia |
| ***Work item code:*** | ⌘ | TEI |
| ***Date:*** | ⌘ | 15/07/2004 |
| ***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:*** | ⌘ | Document T1-040571 approved in T1#23 in Beijing introduced applicability statements for new RAB test cases 14.2.63.1 and 14.2.63.2. These statements were not implemented correctly in the specification. |
| ***Summary of change:*** | ⌘ | 1) Applicability of TC 14.2.63.1 changed from Cxxx to C377.<br>2) Applicability of TC 14.2.63.2 changed from Cyyy to C378. |
| ***Consequences if not approved:*** | ⌘ | Incorrect applicability statements. |

| | | |
|---|---|---|
| ***Clauses affected:*** | ⌘ | 4 |

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

⌘

***Other comments:*** ⌘

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

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

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

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

<START OF MODIFIED SECTION>

| | | | | |
|---|---|---|---|---|
| 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 + 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 | Void | 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~~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 | C378~~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" |
| | ***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" |

<END OF MODIFIED SECTION>

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** **160** ⌘ **rev** **-** ⌘ Current version: **5.8.0** ⌘

*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:*** | ⌘ | Removal of package 3 idle mode test case 6.1.2.7 |
| ***Source:*** | ⌘ | Ericsson |
| ***Work item code:*** | ⌘ | TEI |
| ***Date:*** | ⌘ | 14/07/2004 |
| ***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 6.1.2.7 (Emergency calls, Intra-frequency cell "Not allowed") is currently designed such that in case the “best” cell is indicated as barred and Intra-freq cell re-selection is not allowed then an idle mode UE is supposed to select a 2nd “best” intra-frequency cell for camping and (later) trigger establishment of emergency calls only.<br><br>In CR112r1 to TS25.304 (Rel-5), "Correction to UE selection of reserved cells" (RP-040208), it was clarified that during an ongoing emergency call, the IE "Intra-frequency cell re-selection indicator” shall be ignored. This means that for "normal" idle/connected mode cell selection/re-selection (i.e. without having an ongoing emergency call) the UE will not ignore the IE. Consequently, UE (compliant with CR112r1 to TS25.304) will not in case the "best" cell is barred (and this cell indicates that Intra-freq cell re-selection is not allowed) select an intra-freq ncell for normal/limited service camping.<br><br>Test case 6.1.2.7 is therefore not aligned with the core specification. The existing test case 6.1.2.1 already covers cell re-selection with respect to cell status "barred" and IE “Intra-frequency cell re-selection indicator". The test case 6.1.2.7 is thus redundant and could be removed. |
| ***Summary of change:*** | ⌘ | Test case 6.1.2.7 is removed.<br><br>Conditions C106 and C210 marked as void. |
| ***Consequences if not approved:*** | ⌘ | Test case not aligned with core specification will remain. |

| | | |
|---|---|---|
| ***Clauses affected:*** | ⌘ | 4 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | Y | N | | | |
| ***Other specs affected:*** | ⌘ | | X | Other core specifications | ⌘ | TS 34.123-1 (T1-041042) |
| | | X | | Test specifications | | |
| | | | X | O&M Specifications | | |
| ***Other comments:*** | ⌘ | Affects R99, Rel4 and Rel5 UEs. | | | | |

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

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

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

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

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

# 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 – 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. |

### 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 |

| Clause | Title | Release | Applicability | Comments |
|---|---|---|---|---|
| | | | 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~~Emergency calls; Intra-frequency cell "Not allowed"~~ | ~~R99~~ | ~~C106~~ | ~~UEs supporting FDD and speech and emergency speech call~~ |
| | | | ~~C210~~ | ~~UEs supporting TDD and speech and emergency speech call~~ |
| 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 |
| | | | 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 |
| **<end of modified table entries>** | | | | |

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~~IF A.1/1 AND A.2/1 AND A.2/2 THEN R ELSE N/A~~
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 voidIF A.1/2 AND A.2/1 AND A.2/2 THEN R ELSE N/A
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,18c/7 OR A.18c/10) THEN R ELSE N/A
C373 IF C374 THEN O ELSE (IF A.1/1 AND A.18a/13 AND A.18g/1 THEN R ELSE N/A)
C374 IF A.1/1 AND A.18a/13 AND A.18g/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

**3GPP TSG-T WG1 Meeting #24**
**Toronto, Canada, July 26th-30th, 2004**

***Tdoc ⌘T1-041293***

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** **161** ⌘ **rev** **-** ⌘ Current version: **5.8.0** ⌘

*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:*** | ⌘ | 2707/2004 |
| ***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:<br><br>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<br>[ ] / [X] Other core specifications<br>[X] / [ ] Test specifications<br>[ ] / [X] O&M Specifications | ⌘ | TS 34.123-1 | |
| ***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

[…]

**Table 1: Applicability of tests**

| Clause | Title | Release | Applicability | Comments |
|---|---|---|---|---|
| […] | | | | |
| **RADIO BEARER SERVICES** | | | | |
| | ***Combinations on DPCH*** | | | |
| […] | | | | |
| 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 | 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 | 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" |
| […] | | | | |

**<End of modified section>**

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** **162** ⌘ **rev** **-** ⌘ Current version: **5.8.0** ⌘

*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 HSDPA test cases |
| ***Source:*** | ⌘ | Motorola |
| ***Work item code:*** | ⌘ | HSDPA |
| ***Date:*** | ⌘ | 17/07/2004 |
| ***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 HSDPA test cases are added. |
| ***Summary of change:*** | ⌘ | Added applicability statements to the following test cases:<br>8.2.6.45 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)<br>8.3.4.9 Active set update in soft handover: Radio Link removal (stop of HS-DSCH reception)<br>8.3.7.14 Inter system handover from UTRAN/To GSM/Speech/Success (stop of HS-DSCH reception)<br>8.3.7.15 Inter system handover from UTRAN/To GSM/Speech/Failure(stop of HS-DSCH reception)<br>8.3.11.9 Inter-RAT Cell Change Order from UTRAN to GPRS/CELL_DCH/Success (stop of HS-DSCH reception)<br>8.3.11.10 Inter-RAT Cell Change Order from UTRAN/To GPRS/CELL_DCH/Failure (Physical channel Failure, stop of HS-DSCH reception) |
| ***Consequences if not approved:*** | ⌘ | Misalignment between test specifications |

| | | | | | |
|---|---|---|---|---|---|
| ***Clauses affected:*** | ⌘ | 4 | | | |
| ***Other specs affected:*** | ⌘ | Y: ☐ N: ☒ | Other core specifications | ⌘ | |
| | | Y: ☒ N: ☐ | Test specifications | | TS 34.123-1 |

| | | |
|---|---|---|
| | X | O&M Specifications |

***Other comments:*** ⌘ This CR affects Rel-5 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.

# 4 Recommended test case applicability

…

**Table 1: Applicability of tests**

| Clause | Title | Release | Applicability | Comments |
|---|---|---|---|---|
| 8.2.6.45 | 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 |
| 8.3.4.9 | Active set update in soft handover: Radio Link removal (stop of HS-DSCH reception) | Rel-5 | C371 | UEs supporting FDD and HS-PDSCH |
| 8.3.7.14 | 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 |
| 8.3.11.9 | Inter-RAT Cell Change Order from UTRAN to GPRS/CELL_DCH/Success (stop of HS-DSCH reception) | Rel-5 | C380 | 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 | C380 | UEs supporting FDD and GSM. UE supporting PS bearer service and HS-PDSCH |

| |
|---|
| C379 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 |
| C380 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 |

**3GPP TSG-T1 Meeting #24**
**Toronto, Canada, 26th – 30th July 2004**

***Tdoc ⌘T1-041426***

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** **163** ⌘**rev** **-** ⌘ Current version: **5.8.0** ⌘

*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:*** | ⌘ | Introduction of new PDCP / RoHC test case in clause 7.3.5 of the applicability table and definition of related PICS condition |
| ***Source:*** | ⌘ | CETECOM GmbH |
| ***Work item code:*** | ⌘ | TEI |
| ***Date:*** | ⌘ | 29/07/04 |
| ***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:*** | ⌘ | This CR introduces the newly drafted test case 7.3.5.3.2 UDP/IPv6 or ESP/IPv6 or IPv6 Unacknowledged - Normal U-mode Transmission (without ack) into the applicability table of TS 34.123-2, clause 4 |
| ***Summary of change:*** | ⌘ | Added a new PICS item in table A.19a, item 5; Support of IETF 3095 (Rel-4)<br><br>Added test case 7.3.5.3.2 UDP/IPv6 or ESP/IPv6 or IPv6 Unacknowledged - Normal U-mode Transmission (without ack) into the applicability table in the applicability table |
| ***Consequences if not approved:*** | ⌘ | Missing applicability for PDCP / RoHC test case 7.3.5.3.2 |

| | | |
|---|---|---|
| ***Clauses affected:*** | ⌘ | Clause 4, Annex A 4.3.4, table 19a |

| ***Other specs Affected:*** | ⌘ | Y | N | | ⌘ | |
|---|---|---|---|---|---|---|
| | | | X | Other core specifications | | 34.123-2 |
| | | X | | Test specifications | | |
| | | | X | O&M Specifications | | |

| | | |
|---|---|---|
| ***Other comments:*** | ⌘ | Rel-4, Rel-5 |

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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

# 3GPP TS 34.123-2 V5.8.0 (2004-06)

*Technical Specification*

# 3rd Generation Partnership Project; Technical Specification Group Terminal User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification (Release 5)

The present document has been developed within the 3rd Generation Partnership Project (3GPP ™) and may be further elaborated for the purposes of 3GPP.

The present document has not been subject to any approval process by the 3GPP Organizational Partners and shall not be implemented.
This Specification is provided for future development work within 3GPP only. The Organizational Partners accept no liability for any use of this Specification.
Specifications and reports for implementation of the 3GPP ™ system should be obtained via the 3GPP Organizational Partners' Publications Offices.

# 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 – 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. |

### 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 |
|---|---|---|---|---|
| **LAYER 2** | | | | |
| 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 |

| Clause | Title | Release | Applicability | Comments |
|---|---|---|---|---|
| 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 | 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 | 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 | 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 | 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 | 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 | 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 | UE supporting PS and lossless SRNS relocation |
| 7.3.5.3.2 | UDP/IPv6 or ESP/IPv6 or IPv6 Unacknowledged - Normal U-mode Transmission (without ack) | Rel-4 | C379 | 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 |
| C01 IF A.1/1 THEN R ELSE N/A<br><br>C379 IF A.3/2 AND A.19a/5 THEN R ELSE N/A | | | | |

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

Notwithstanding the provisions of the copyright clause related to the text of the present document, 3GPP grants that users of the present document may freely reproduce the ICS proforma in this annex so that it can be used for its intended purposes and may further publish the completed ICS.

## A.1 Guidance for completing the ICS proforma

…

# A.4 ICS proforma tables

…

### 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<br>22.002 | R99 | |
| 2 | Packet Switched | 22.105, 5.1<br>22.060 | R99 | |
| 3 | UE supports UE operation mode A: PS and CS simultaneously | | R99 | |

…

### A.4.3.4 Layer 2/3 Baseline Implementation Capabilities (access stratum)

**Table A.19a: PDCP Parameters**

| Item | PDCP Parameters | Ref. | Release | Comments |
|---|---|---|---|---|
| 1 | Support of RFC 2507 | 25.323, 5.1.2 | R99 | IP header compression protocol RFC 2507 is supported |
| 2 | Support of Lossless SRNS relocation | 25.323, 5.4 | R99 | Lossless SRNS Relocation is supported |
| 3 | More than one PDCP entity | 25.323, 5.1 | R99 | Establishment of more than one PDCP entities is supported |
| 4 | Support of UM RB and AM RB | 34.123-1, 7.3.2.2.4 | R99 | Support of two radio bearer RLC AM and RLC UM as defined in test case 7.3.2.2.4 |
| 5 | Support of RFC 3096 | 25.323, 5.1, RFC IETF 3095 | Rel-4 | IP header compression protocol RFC 3095 is supported |

**3GPP TSG-T WG1 Meeting #24**
**Toronto, Canada, 26-30 Jul, 2004**

***Tdoc ⌘T1-041431***

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** **164** ⌘ **rev** **-** ⌘ Current version: **5.8.0** ⌘

*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 |
| ***Source:*** | ⌘ | Ericsson, Motorola, Qualcomm |
| ***Work item code:*** | ⌘ | TEI |
| ***Date:*** | ⌘ | 28/07/2004 |
| ***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:*** | ⌘ | Introduction of test cases to cover A-GPS functionality. |
| ***Summary of change:*** | ⌘ | The following test cases are added:<br>17.2.2.2 LCS Network induced location request/ UE-Based GPS/ Emergency call/ Without USIM<br>17.2.2.3 LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ With USIM<br>17.2.2.4 LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ Without USIM<br>17.2.3.2 LCS Mobile originated location request/ UE-Based GPS/ Position estimate request/ Success<br>17.2.3.3 LCS Mobile originated location request/ UE-Based GPS/ Assistance data request/ Success<br>17.2.3.4 LCS Mobile originated location request/ UE-Assisted GPS/ Position Estimate/ Success<br>17.2.3.5 LCS Mobile originated location request/ UE-Based GPS/ Assistance Data Only/ Success<br>17.2.4.3 LCS Mobile terminated location request/ UE-Based GPS/ Request for additional assistance data/ Failure<br>17.2.4.4 LCS Mobile terminated location request/ UE-Assisted GPS/ Success<br>17.2.4.5 LCS Mobile terminated location request/ UE-Assisted GPS/ Request for additional assistance data/ Success |
| ***Consequences if not approved:*** | ⌘ | No test cases covering these A-GPS scenarios. |

| | | | | | |
|---|---|---|---|---|---|
| ***Clauses affected:*** | ⌘ | 4, A.4.3.3 | | | |
| | | **Y** | **N** | | |
| ***Other specs affected:*** | ⌘ | | **X** | Other core specifications | ⌘ |
| | | | **X** | Test specifications | |
| | | | **X** | O&M Specifications | |
| ***Other comments:*** | ⌘ | | | | |

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

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

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

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

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

# 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 |
| 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. |

### 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 |
|---|---|---|---|---|
| .... | | | | |
| **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 | C379 | 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 | C379 | UEs supporting FDD, emergency speech call and UE assisted Network Assisted GPS |

| Clause | Title | Release | Applicability | Comments |
|---|---|---|---|---|
| 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 | C380 | 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 | C380 | 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 | C380 | UEs supporting FDD and UE assisted Network Assisted GPS |

[…]

C01 IF A.1/1 THEN R ELSE N/A
…..
C378 IF A.1/3 AND A.18c/63.2 THEN R ELSE N/A
CXXX IF A.1/1 AND A.2/2 AND A.18a/13 THEN R ELSE N/A
CYYY IF A.1/1 AND A.18a/13 THEN R ELSE N/A

**<End of modified section>**

**<Start of next modified section>**

## 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 | |

**<End of modified section>**

**3GPP TSG-T WG1 Meeting #24**
**Toronto, Canada, July 26th-30th, 2004**

***Tdoc ⌘T1-041432***

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** **165** ⌘ **rev** **-** ⌘ Current version: **5.8.0** ⌘

*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:*** | ⌘ | 29/07/2004 |
| ***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:*** ⌘ HSDPA RRC test cases are added.
Approved changes in CR 143 (T1-040401) was not fully implemented in V5.7.0 of 34.123-2.

***Summary of change:*** ⌘ Applicability statements for the following test cases are added:

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)

8.2.6.45 Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Compressed mode initiation, with active HS-DSCH reception): Success

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)

8.3.1.33 Cell Update: Transition from CELL_PCH to CELL_DCH, start of HS-DSCH reception, frequency band modification

Changes from approved CR143 (T1-040401) that have not been implemented in V5.7.0:
- Added table entry A18b/13 (Support for HS-PDSCH)
- Corrected references in condition C372 to refer to table A.18b.1 instead of A.18c
- Corrected references in condition C373 and C374 to refer to table A.18f.1 instead of A.18g.

| | | |
|---|---|---|
| | | - Added table A.18b.1 (FDD HS-DSCH physical layer categories)<br>- Added table A.18f.1 (FDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH) |
| ***Consequences if not approved:*** | ⌘ | No applicability statements exist for the new test cases |

| | | | | | | |
|---|---|---|---|---|---|---|
| ***Clauses affected:*** | ⌘ | 4, A.4 | | | | |
| ***Other specs Affected:*** | ⌘ | **Y** | **N** | | ⌘ | |
| | | | **X** | Other core specifications | | |
| | | **X** | | Test specifications | | TS 34.123-1 |
| | | | **X** | O&M Specifications | | |
| ***Other comments:*** | ⌘ | Changes introduced in T1-041229 (revision of T1-041069) color coded in blue. | | | | |

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

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

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

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

**<Start of first modified section>**

# 4 Recommended test case applicability

[…]

**Table 1: Applicability of tests**

| Clause | Title | Release | Applicability | Comments |
|---|---|---|---|---|
| […] | | | | |
| 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 |
| […] | | | | |
| 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 |
| 8.2.6.45 | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Compressed mode initiation, with active HS-DSCH reception): Success | Rel-5 | Cxxx | 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 | Cxxx | 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 |
| […] | | | | |
| 8.3.1.32 | 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. |
| […] | | | | |
| **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) |
| […] | | | | |
| **RADIO BEARER SERVICES** | | | | |
| […] | | | | |
| | ***Combinations on DPCH and HS-PDSCH*** | | | |

| Clause | Title | Release | Applicability | Comments |
|---|---|---|---|---|
| 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<br><br>Note.<br>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 |
| […] | | | | |

| |
|---|
| […] |
| C372 IF A.1/1 AND A.18a/13 AND (A,18b.1c/7 OR A.18b.1c/10) THEN R ELSE N/A |
| C373 IF C374 THEN O ELSE (IF A.1/1 AND A.18a/13 AND A.18 f.1g/1 THEN R ELSE N/A) |
| C374 IF A.1/1 AND A.18a/13 AND A.18f.1g/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 |
| Cxxx IF A.1/1 AND A.18a/13 AND (A.18a/9 OR A.18a/10) THEN R ELSE N/A |

**<End of modified section>**

**<Start of next modified section>**

# A.4 ICS proforma tables

**<Skip until first modified table >**

## 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 HS-PDSCH | 25.306, 4.5.3 | 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.18b.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 | |

### A.4.3.3.1 FDD Interoperability Radio Bearer Capabilities

The applicability column in table A.18c to A.18f specifies the minimum UE radio access capability for which the reference radio bearer configurations are applicable. The UE radio access capability parameters and their possible value range are defined in TS 25.306 [34a] clause 5.1. The UE does not need to support any RAB which has higher bit rate than the highest value indicated by the UE in “maximum bit rate for uplink” (respectively “maximum bit rate for downlink”) in the Quality of Service information element (TS 24.008 [29] clause 10.5.6.5) for the traffic class of the RAB.

The following labels have been used in tables A.18c to A.18f to represent the various UE radio access capability parameters:

| | Label | UE radio access capability parameter as defined in [34a] 25.306. |
|---|---|---|
| Transport channel parameters in downlink | DL Max TB bits | Maximum sum of number of bits of all transport blocks being received at an arbitrary time instant |
| | DL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being received at an arbitrary time instant |
| | DL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being received at an arbitrary time instant |
| | DL Max TrCHs | Maximum number of simultaneous transport channels |
| | DL Max CCTrCH | Maximum number of simultaneous CCTrCH |
| | DL Max TTI TB | Maximum total number of transport blocks received within TTIs that end within the same 10 ms interval |
| | DL Max TFS | Maximum number of TFC in the TFCS |
| | DL Max TF | Maximum number of TF |
| | DL TC | Support for turbo decoding |
| Transport channel parameters in uplink | UL Max TB bits | Maximum sum of number of bits of all transport blocks being transmitted at an arbitrary time instant |
| | UL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being transmitted at an arbitrary time instant |
| | UL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being transmitted at an arbitrary time instant |
| | UL Max TrCHs | Maximum number of simultaneous transport channels |
| | UL Max TTI TB | Maximum total number of transport blocks transmitted within TTIs that start at the same time |
| | UL Max TFS | Maximum number of TFC in the TFCS |
| | UL Max TF | Maximum number of TF |
| | UL TC | Support for turbo encoding |

**<Skip until next modified table >**

**Table A.18f: FDD interoperability radio bearer capabilities for combinations on PRACH**

| Item | FDD interoperability radio bearer configuration for combination on PRACH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|---|---|---|---|---|
| 1 | Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH | 34.108 6.10.2.4.4.1 | UL Max TB bits | 640 | |
| | | | UL Max CC TB bits | 640 | |
| | | | UL Max TC TB bits | N/A | |
| | | | UL Max TrCHs | 2 | |
| | | | UL Max TTI TB | 2 | |
| | | | UL Max TFS | 4 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | N/A | |
| | | | Other required UE radio access capability | none | |
| 2 | Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH | 34.108 6.10.2.4.4.2 | UL Max TB bits | 640 | |
| | | | UL Max CC TB bits | 640 | |
| | | | UL Max TC TB bits | N/A | |
| | | | UL Max TrCHs | 2 | |
| | | | UL Max TTI TB | 2 | |
| | | | UL Max TFS | 4 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | N/A | |
| | | | Other required UE radio access capability | none | |

**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 | |

**<End of modified section>**

**3GPP TSG-T WG1 Meeting #24**
**Toronto, Canada, July 26th-30th, 2004**

***Tdoc ⌘T1-041439***

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** 166 ⌘**rev** **-** ⌘ Current version: **5.8.0** ⌘

*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:*** | ⌘ | New MAC test case for TFC selection with extended TFCS. |
| ***Source:*** | ⌘ | Ericsson |
| ***Work item code:*** | ⌘ | TEI |
| ***Date:*** | ⌘ | 2004-07-14 |
| ***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:*** | ⌘ | Addition of test case for TFC selection with extended TFCS. The proposed testcase is in line with the LS from RAN2 (R2-041246) on the same topic. |
| ***Summary of change:*** | ⌘ | 1. Table entry for test case 7.1.3.2 (TFC Selection) added.<br>2. Table A.18f.2 added |
| ***Consequences if not approved:*** | ⌘ | Lack of test coverage for extended TFCS |

| | | |
|---|---|---|
| ***Clauses affected:*** | ⌘ | 4, A.4.3.3.1 |

| Y | N | | | |
|---|---|---|---|---|
| | X | Other core specifications | ⌘ | |
| X | | Test specifications | | 34.123-1 (T1-041052) |
| | X | O&M Specifications | | |

***Other specs affected:***

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

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

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

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

For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

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

# 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 – 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. |

### 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 |
|---|---|---|---|---|
| **<Skip until modified table entries>** | | | | |
| **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] |

| Clause | Title | Release | Applicability | Comments |
|---|---|---|---|---|
| 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 | Cxxx | UE supporting FDD and radio bearer configuration “Streaming / 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 DCCH” |
| 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 |
| **<End of modified table entries>** | | | | |

| | |
|---|---|
| C01 | IF A.1/1 THEN R ELSE N/A |
| …. | |
| C378 | IF A.1/3 AND A.18c/63.2 THEN R ELSE N/A |
| Cxxx | IF A.1/1 AND A.18f.2/1 THEN R ELSE N/A |

<Start of next modified section>

### A.4.3.3.1 FDD Interoperability Radio Bearer Capabilities

The applicability column in table A.18c to A.18f specifies the minimum UE radio access capability for which the reference radio bearer configurations are applicable. The UE radio access capability parameters and their possible value range are defined in TS 25.306 [34a] clause 5.1. The UE does not need to support any RAB which has higher bit rate than the highest value indicated by the UE in “maximum bit rate for uplink” (respectively “maximum bit rate for downlink”) in the Quality of Service information element (TS 24.008 [29] clause 10.5.6.5) for the traffic class of the RAB.

The following labels have been used in tables A.18c to A.18f to represent the various UE radio access capability parameters:

| | Label | UE radio access capability parameter as defined in [34a] 25.306. |
|---|---|---|
| Transport channel parameters in downlink | DL Max TB bits | Maximum sum of number of bits of all transport blocks being received at an arbitrary time instant |
| | DL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being received at an arbitrary time instant |
| | DL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being received at an arbitrary time instant |
| | DL Max TrCHs | Maximum number of simultaneous transport channels |
| | DL Max CCTrCH | Maximum number of simultaneous CCTrCH |
| | DL Max TTI TB | Maximum total number of transport blocks received within TTIs that end within the same 10 ms interval |
| | DL Max TFS | Maximum number of TFC in the TFCS |
| | DL Max TF | Maximum number of TF |
| | DL TC | Support for turbo decoding |
| Transport channel parameters in uplink | UL Max TB bits | Maximum sum of number of bits of all transport blocks being transmitted at an arbitrary time instant |
| | UL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being transmitted at an arbitrary time instant |
| | UL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being transmitted at an arbitrary time instant |
| | UL Max TrCHs | Maximum number of simultaneous transport channels |
| | UL Max TTI TB | Maximum total number of transport blocks transmitted within TTIs that start at the same time |
| | UL Max TFS | Maximum number of TFC in the TFCS |
| | UL Max TF | Maximum number of TF |
| | UL TC | Support for turbo encoding |

**<Skip until next modified table >**

**Table A.18f: FDD interoperability radio bearer capabilities for combinations on PRACH**

| Item | FDD interoperability radio bearer configuration for combination on PRACH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|---|---|---|---|---|
| 1 | Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH | 34.108 6.10.2.4.4.1 | UL Max TB bits | 640 | |
| | | | UL Max CC TB bits | 640 | |
| | | | UL Max TC TB bits | N/A | |
| | | | UL Max TrCHs | 2 | |
| | | | UL Max TTI TB | 2 | |
| | | | UL Max TFS | 4 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | N/A | |
| | | | Other required UE radio access capability | none | |
| 2 | Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH | 34.108 6.10.2.4.4.2 | UL Max TB bits | 640 | |
| | | | UL Max CC TB bits | 640 | |
| | | | UL Max TC TB bits | N/A | |
| | | | UL Max TrCHs | 2 | |
| | | | UL Max TTI TB | 2 | |
| | | | UL Max TFS | 4 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | N/A | |
| | | | Other required UE radio access capability | none | |

< CR implementation comment: Table A.18f.1 from CR in T1-041224 to be inserted before table A.18f.2>

**Table A.18f.2: FDD radio bearer capabilities for specific combinations on DPCH**

| Item | FDD radio bearer capabilities for specific combinations on DPCH | Ref. | Applicability (Minimum UE radio access capability) | Comments | Item |
|---|---|---|---|---|---|
| 1 | Streaming / 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 DCCH | 34.123-1, 7.1.3.2 | DL Max TB bits | 3108 | |
| - | - | - | DL Max CC TB bits | 592 | - |
| - | - | - | DL Max TC TB bits | 2960 | - |
| - | - | - | DL Max TrCHs | 3 | - |
| - | - | - | DL Max CCTrCH | 1 | - |
| - | - | - | DL Max TTI TB | 8 | - |
| - | - | - | DL Max TFS | 15 | - |
| - | - | - | DL Max TF | 9 | - |
| - | - | - | DL TC | Yes | - |
| - | - | - | UL Max TB bits | 928 | - |
| - | - | - | UL Max CC TB bits | 592 | - |
| - | - | - | UL Max TC TB bits | 672 | - |
| - | - | - | UL Max TrCHs | 3 | - |
| - | - | - | UL Max CCTrCH | 1 | - |
| - | - | - | UL Max TTI TB | 5 | - |
| - | - | - | UL Max TFS | 22 | - |
| - | - | - | UL Max TF | 13 | - |
| - | - | - | UL TC | Yes | - |
| - | - | - | Other required UE radio access capability | None | - |

**3GPP TSG- T1 Meeting #24**
**Toronto, Canada, 26th-30th July 2004**

***Tdoc ⌘T1-041440***

*CR-Form-v7*

# CHANGE REQUEST

⌘ **34.123-2** **CR** 168 ⌘ **rev** - ⌘ Current version: **5.8.0** ⌘

*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 1 new Inter-RAT test cases to the applicability table. |
| ***Source:*** | ⌘ | Sasken Communication Technologies Ltd. |
| ***Work item code:*** | ⌘ | TEI |
| ***Date:*** | ⌘ | 29/07/2004 |
| ***Category:*** | ⌘ | **F** |
| ***Release:*** | ⌘ | REL-5 |

| | | |
|---|---|---|
| ***Reason for change:*** | ⌘ | Addition of 1 new Inter-RAT test cases into the applicability table. |
| ***Summary of change:*** | ⌘ | 1 new test case is added into the applicability table.<br>Changes from T1-041131<br>2 test cases (8.4.1.46 and 8.3.9.6) have been deleted from applicability table |
| ***Consequences if not approved:*** | ⌘ | Newly added test case will be missing from the applicability table. |

| | | | | | |
|---|---|---|---|---|---|
| ***Clauses affected:*** | ⌘ | 34.123-2, clause 4, Table 1 | | | |
| | | **Y** | **N** | | |
| ***Other specs Affected:*** | ⌘ | | **X** | Other core specifications | ⌘ |
| | | **X** | | Test specifications | 34.123-2 |
| | | | **X** | O&M Specifications | |
| ***Other comments:*** | ⌘ | | | | |

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

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

| | | | | |
|---|---|---|---|---|
| 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 – $Q_{offset}$ value modification; UTRAN to GPRS (CELL_FACH) | R99 | C360 | UEs supporting FDD and GSM. UE supporting PS bearer service. |
| ~~8.3.9.6~~ | ~~Cell reselection if cell becomes barred or S<0; UTRAN to GPRS (CELL_PCH)~~ | ~~R99~~ | ~~C360~~ | ~~UE 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_FACH/No RAB established/Success | R99 | C360 | UE supporting FDD and GSM. UE supporting PS bearer service. |
| 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) |
| ~~8.4.1.46~~ | ~~Measurement Control and Report: Inter-RAT measurement for transition from CELL_DCH to CELL_FACH state (FDD)~~ | ~~R99~~ | ~~C360~~ | ~~UE supporting FDD and GSM. UE supporting PS bearer service.~~ |

**3GPP TSG T1 Meeting #24**
**Toronto, Canada, 26th – 30th July 2004**

***T1-041441*** ⌘

*CR-Form-v7*

# CHANGE REQUEST

⌘ **TS 34.123-2 CR** 167 ⌘ **rev** - ⌘ Current version: **5.8.0** ⌘

*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 clause 8.2.6.43 and 8.2.6.44 to the applicability table |
| ***Source:*** | ⌘ | Panasonic |
| ***Work item code:*** | ⌘ | TEI |
| ***Date:*** | ⌘ | 29/7/04 |
| ***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:*** | ⌘ | In T1#23, new two test cases were added by T1-040976 and T1-040715. |
| ***Summary of change:*** | ⌘ | The applicability table is updated with the two new test cases.<br><br>Revision in T1-041243.<br>Parameters under column "Release", "Applicability" and "Comments" are revised for TC 8.2.6.43 and 8.2.6.44. |
| ***Consequences if not approved:*** | ⌘ | TS 34.123-2 not inline with TS 34.123-1. |

| | | | | | |
|---|---|---|---|---|---|
| ***Clauses affected:*** | ⌘ | 4 | | | |
| ***Other specs affected:*** | ⌘ | **Y** | **N** | | |
| | | | X | Other core specifications | ⌘ |
| | | | X | Test specifications | |
| | | | X | O&M Specifications | |
| ***Other comments:*** | ⌘ | Affects R'99, Rel-4 and Rel-5 UE. | | | |

**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.

| | | | | |
|---|---|---|---|---|
| 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. |
| 8.2.7 | RRC / Physical Shared Channel Allocation [TDD only] | R99 | [FFS] | Inclusion of this test cases if FFS |