

Quebec, Canada, 1 - 3 June 2005

Title CRs to 34.108 for approval Batch 2

Source 3GPP TSG RAN WG5 (Testing)

Agenda Item 7.6.5

WG Tdoc	Spec	CR	R	Cat	Rel	Curr Ver	Title	Work Item
R5-050880	34.108	419	-	F	Rel-5	5.4.0	Addition of new HSDPA Streaming RAB configurations	TEI
R5-050585	34.108	420	-	F	Rel-5	5.4.0	CR to 34.108 Rel-5: Content Correction of RRC CONNECTION SETUP message for LCR TDD in 9.1.2	TEI
R5-050680	34.108	421	-	F	Rel-5	5.4.0	Add Default RADIO BEARER RELEASE message (3.84 Mcps TDD)	TEI
R5-050681	34.108	422	-	F	Rel-5	5.4.0	Add Default Contents of RADIO BEARER RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)	TEI
R5-050682	34.108	423	-	F	Rel-5	5.4.0	Add Default Contents of RADIO BEARER RECONFIGURATION message: AM or UM (3.84 Mcps TDD)	TEI
R5-050683	34.108	424	-	F	Rel-5	5.4.0	Add Default Contents of PHYSICAL CHANNEL RECONFIGURATION message: AM or UM (3.84 Mcps TDD)	TEI
R5-050684	34.108	425	-	F	Rel-5	5.4.0	Add Default Contents of PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)	TEI
R5-050685	34.108	426	-	F	Rel-5	5.4.0	Add Default Contents of TRANSPORT CHANNEL RECONFIGURATION message: AM or UM (3.84 Mcps TDD)	TEI
R5-050686	34.108	427	-	F	Rel-5	5.4.0	Add Default Contents of TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)	TEI
R5-050956	34.108	428	-	F	Rel-5	5.4.0	Add Default Contents of MEASUREMENT REPORT message: AM (intra/inter-frequency measurement (3.84 Mcps TDD)	TEI
R5-050969	34.108	429	-	F	Rel-5	5.4.0	Corrections to section 10.7 and GPS data file for 34.108	TEI

WG Tdoc	Spec	CR	R	Cat	Rel	Curr Ver	Title	Work Item
R5-050879	34.108	430	-	F	Rel -5	5.4.0	Correction to RADIO BEARER SETUP message for HSDPA RF testing	TEI

## CHANGE REQUEST

34.108 **CR 419** rev - Current version: 5.4.0

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

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


<b>Title:</b>	<span style="border: 1px solid black; padding: 2px;">☞</span> Addition of new HSDPA Streaming RAB configurations		
<b>Source:</b>	<span style="border: 1px solid black; padding: 2px;">☞</span> 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	<span style="border: 1px solid black; padding: 2px;">☞</span> HSDPA	<b>Date:</b>	<span style="border: 1px solid black; padding: 2px;">☞</span> 24/05/2005
<b>Category:</b>	<span style="border: 1px solid black; padding: 2px;">☞</span> <b>F</b> Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		<b>Release:</b> <span style="border: 1px solid black; padding: 2px;">☞</span> Rel-5 Use <u>one</u> of the following releases: <b>Ph2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>Rel-4</b> (Release 4) <b>Rel-5</b> (Release 5) <b>Rel-6</b> (Release 6) <b>Rel-7</b> (Release 7)

<b>Reason for change:</b>	<span style="border: 1px solid black; padding: 2px;">☞</span> HSDPA Streaming RAB configurations are not covered in the UE conformance test specifications.
<b>Summary of change:</b>	<span style="border: 1px solid black; padding: 2px;">☞</span> The following new radio bearer configurations are added:  - Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  - Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
<b>Consequences if not approved:</b>	<span style="border: 1px solid black; padding: 2px;">☞</span> The use of HSDPA Streaming RABs is not covered in the UE conformance tests.

<b>Clauses affected:</b>	<span style="border: 1px solid black; padding: 2px;">☞</span> 6.10.2.2, 6.10.2.4.5.6 (new), 6.10.2.4.5.7 (new)										
<b>Other specs affected:</b>	<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">X</td> <td style="border: 1px solid black; padding: 2px;"></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">X</td> <td style="border: 1px solid black; padding: 2px;"></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;"></td> <td style="border: 1px solid black; padding: 2px;">X</td> </tr> </table>	Y	N	X		X			X	Other core specifications Test specifications O&M Specifications	<span style="border: 1px solid black; padding: 2px;">☞</span> 25.993 <span style="border: 1px solid black; padding: 2px;">☞</span> 34.123
Y	N										
X											
X											
	X										
<b>Other comments:</b>	<span style="border: 1px solid black; padding: 2px;">☞</span> This CR has been approved on the RAN5 e-mail reflector as R5-050976r1.doc										

### 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.

## &lt;Start of first modified section&gt;

## 6.10.2.2 Combinations of RABs and Signalling RBs

In the present document, physical channel parameters for following combinations of RABs and signalling RBs on a CCTrCH are described.

NOTE: It is understood that for speech service the AMR mode may be operated asymmetrically for the uplink and downlink.

## Combinations on DPCH

- 1) Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH.
- 2) Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 3) Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH.
- 4) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 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.
- 5) Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 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.
- 6) Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 7) Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 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.
- 8) Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 9) Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 10) Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB  
+ UL:1.7 DL:1.7 kbps SRBs for DCCH.
- 11) Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB  
+ UL:1.7 DL:1.7 kbps SRBs for DCCH.
- 12) Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 13) Conversational / unknown / UL:64 DL:64 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 14) Conversational / unknown / UL:32 DL:32 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 15) Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 16) Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.

- 17) Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 18) Void
- 19) Void.
- 20) Void.
- 21) Void.
- 22) Void.
- 23) Interactive or background / UL:32 DL:8 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23a) Interactive or background / UL:8 DL:8 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23b) Interactive or background / UL:16 DL:16 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23c) Interactive or background / UL:32 DL:32 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 23d) Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI)  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 24) Void
- 25) Interactive or background / UL:32 DL: 64 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 26) Interactive or background / UL:64 DL: 64 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 27) Interactive or background / UL:64 DL:128 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 28) Interactive or background / UL:128 DL:128 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 29) Interactive or background / UL:64 DL:144 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 30) Interactive or background / UL:144 DL:144 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 31) Interactive or background / UL:64 DL:256 kbps / PS RAB  
+ UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 32) Interactive or background / UL:64 DL:384 kbps / PS RAB  
+ UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 33) Interactive or background / UL:128 DL:384 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 34) Interactive or background / UL:384 DL:384 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 35) Interactive or background / UL:64 DL:2048 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 36) Void
- 37) Void

- 38) 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 38k) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB  
+ Interactive or background / UL:32 DL:32 kbps / PS RAB  
+ Interactive or background / UL:32 DL:32 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH (L1 multiplexing).
- 39) 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.
- 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.
- 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.
- 42) 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.

- 43) 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.
- 44) 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.
- 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.
- 46) Void
- 47) Void.
- 48) Void.
- 49) 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.
- 49a) Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB  
+ Conversational / unknown / UL:64 DL:64 kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 50) 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.
- 51) Conversational / unknown / UL:64 DL:64 kbps / CS RAB  
+ Interactive or background / UL:64 DL:64 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 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.
- 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.
- 52) Conversational / unknown / UL:64 DL:64 kbps / CS RAB  
+ Interactive or background / UL:64 DL:128 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 53) Conversational / unknown / UL:64 DL:64 kbps / CS RAB  
+ Interactive or background / UL:128 DL:128 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 54) Void
- 55) Void.
- 56) Interactive or background / UL:8 DL:8 kbps / PS RAB  
+ Interactive or background / UL:8 DL:8 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.
- 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.
- 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.



- 58a) Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
- 59) Conversational / Speech / UL:42.8 DL:42.8 kbps / PS RAB  
+ Interactive or background / UL:16 DL:16 kbps / PS RAB  
+ Interactive or background / UL:16 DL:16 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5).
- 60) Conversational / Speech / UL:42.8 DL:42.8 kbps / PS RAB  
+ Interactive or background / UL:16 DL:16 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5).
- 61) Conversational / unknown / 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
- 62) Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH (REL-5).
- 63) Interactive or background / UL:64 DL:768 kbps / PS RAB  
+ UL:3.4 DL: 3.4 kbps SRBs for DCCH (REL-5).

#### Combinations on DSCH and DPCH

- 1) Void
- 2) Interactive or background / UL:64 DL:384 kbps / PS RAB  
+ UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 3) Interactive or background / UL:64 DL:2048 kbps / PS RAB  
+ UL:3.4 DL: 3.4 kbps SRBs for DCCH.
- 4) Void
- 5) 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.
- 6) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB  
+ Interactive or background / UL:64 DL:2048 kbps / PS RAB  
+ UL:3.4 DL:3.4 kbps SRBs for DCCH.

#### Combinations on SCCPCH

- 1) Stand-alone 24 kbps SRB for PCCH.
- 2) Interactive or background / DL:32 kbps / PS RAB  
+ SRB for CCCH  
+ SRBs for DCCH  
+ SRB for BCCH.
- 3) Interactive or background / DL:32 kbps / PS RAB  
+ SRB for PCCH  
+ SRB for CCCH  
+ SRBs for DCCH  
+ SRB for BCCH.
- 4) RB for CTCH  
+ SRB for CCCH  
+SRB for BCCH

## Combinations on PRACH

- 1) Interactive or background / UL:32 kbps / PS RAB  
+ SRB for CCCH  
+ SRBs for DCCH.

## 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 (REL-5)
- 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)
- 3) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5)
- 3a) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5)
- 4) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5)
- 4a) Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5)
- 5) Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH- (REL-5)
- 5a) Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5)
- 6) Streaming / unknown / UL:128 DL: [~~min~~ 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5)
- 7) Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [~~min~~ 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5)

<End of modified section>

<Start of next modified section>

[6.10.2.4.5.6](#) Streaming / unknown / UL:128 DL: ~~min 128~~ guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH

[6.10.2.4.5.6.1](#) Uplink

[6.10.2.4.5.6.1.1](#) Transport channel parameters

[6.10.2.4.5.6.1.1.1](#) Transport channel parameters for Streaming / unknown / UL:128 kbps / PS RAB

<u>Higher Layer</u>	<u>RAB/Signalling RB</u>	<u>RAB</u>	
<u>RLC</u>	<u>Logical channel type</u>	<u>DTCH</u>	
	<u>RLC mode</u>	<u>AM</u>	
	<u>Payload sizes, bit</u>	<u>640</u>	
	<u>Max data rate, bps</u>	<u>128000</u>	
	<u>AM PDU header, bit</u>	<u>16</u>	
<u>MAC</u>	<u>MAC header, bit</u>	<u>0</u>	
	<u>MAC multiplexing</u>	<u>N/A</u>	
<u>Layer 1</u>	<u>TrCH type</u>	<u>DCH</u>	
	<u>TB sizes, bit</u>	<u>656</u>	
	<u>TFS</u>	<u>TF0, bits</u>	<u>0x656</u>
		<u>TF1, bits</u>	<u>1x656</u>
		<u>TF2, bits</u>	<u>2x656</u>
		<u>TF3, bits</u>	<u>4x656</u>
	<u>TTI, ms</u>	<u>20</u>	
	<u>Coding type</u>	<u>TC</u>	
	<u>CRC, bit</u>	<u>16</u>	
	<u>Max number of bits/TTI after channel coding</u>	<u>8076</u>	
	<u>Uplink: Max number of bits/radio frame before rate matching</u>	<u>4038</u>	
<u>RM attribute</u>	<u>125-165</u>		

[6.10.2.4.1.6.1.1.2](#) Transport channel parameters for Interactive or background / UL:128 kbps / PS RAB

[See clause 6.10.2.4.1.28.1.1.1.](#)

[6.10.2.4.1.6.1.1.3](#) Transport channel parameters for UL:3.4 kbps SRBs for DCCH

[See clause 6.10.2.4.1.2.1.1.1.](#)

[6.10.2.4.1.6.1.1.4](#) TFCS

<u>TFCS size</u>	<u>40</u>
<u>TFCS</u>	<u>(128 kbps RAB, 128 kbps RAB, DCCH)= (TF0, TF0, TF0), (TF1, TF0, TF0), (TF2, TF0, TF0), (TF3, TF0, TF0), (TF0, TF1, TF0), (TF1, TF1, TF0), (TF2, TF1, TF0), (TF3, TF1, TF0), (TF0, TF2, TF0), (TF1, TF2, TF0), (TF2, TF2, TF0), (TF3, TF2, TF0), (TF0, TF3, TF0), (TF1, TF3, TF0), (TF2, TF3, TF0), (TF3, TF3, TF0), (TF0, TF4, TF0), (TF1, TF4, TF0), (TF2, TF4, TF0), (TF3, TF4, TF0), (TF0, TF0, TF1), (TF1, TF0, TF1), (TF2, TF0, TF1), (TF3, TF0, TF1), (TF0, TF1, TF1), (TF1, TF1, TF1), (TF2, TF1, TF1), (TF3, TF1, TF1), (TF0, TF2, TF1), (TF1, TF2, TF1), (TF2, TF2, TF1), (TF3, TF2, TF1), (TF0, TF3, TF1), (TF1, TF3, TF1), (TF2, TF3, TF1), (TF3, TF3, TF1), (TF0, TF4, TF1), (TF1, TF4, TF1), (TF2, TF4, TF1), (TF3, TF4, TF1)</u>

[6.10.2.4.1.6.1.2 Physical channel parameters](#)

<a href="#">DPCH Uplink</a>	<a href="#">Min spreading factor</a>	<a href="#">4</a>
	<a href="#">Max number of DPDCH data bits/radio frame</a>	<a href="#">9600</a>
	<a href="#">Puncturing Limit</a>	<a href="#">0.96</a>

[6.10.2.4.5.6.2 Downlink](#)

[6.10.2.4.5.6.2.1 Transport channel parameters](#)

[6.10.2.4.5.6.2.1.1 Transport channel parameters for HS-DSCH](#)

[6.10.2.4.5.6.2.1.1.1 MAC-d flow parameters for Streaming / unknown / DL: \[~~min 128~~, max bit rate depending on UE category\] kbps / PS RAB](#)

<a href="#">Higher Layer</a>	<a href="#">RAB/Signalling RB</a>	<a href="#">RAB</a>
<a href="#">RLC</a>	<a href="#">Logical channel type</a>	<a href="#">DTCH</a>
	<a href="#">RLC mode</a>	<a href="#">AM</a>
	<a href="#">Payload sizes, bit</a>	<a href="#">640 (alt. 320)</a>
	<a href="#">Max data rate, bps</a>	<a href="#">depends on UE category</a>
	<a href="#">AMD PDU header, bit</a>	<a href="#">NOTE 1</a> <a href="#">16</a>
<a href="#">MAC</a>	<a href="#">MAC-d header, bit</a>	<a href="#">0</a>
	<a href="#">MAC multiplexing</a>	<a href="#">N/A</a>
	<a href="#">MAC-d PDU size, bit</a>	<a href="#">656 (alt. 336)</a>
	<a href="#">MAC-hs header fixed part, bit</a>	<a href="#">21</a>
<a href="#">Layer 1</a>	<a href="#">TrCH type</a>	<a href="#">HS-DSCH</a>
	<a href="#">TTI</a>	<a href="#">2 ms</a>
	<a href="#">Coding type</a>	<a href="#">TC</a>
	<a href="#">CRC, bit</a>	<a href="#">24</a>

[NOTE1: The peak throughput may be limited by the maximum number of MAC-d PDUs that can be included in a single MAC-hs PDU \(see \[25.321\]\).](#)

[6.10.2.4.5.6.2.1.1.2 MAC-d flow parameters for Interactive or background / DL: \[max bit rate depending on UE category\] / PS RAB](#)

[See clause 6.10.2.4.5.1.2.1.1.1.](#)

[6.10.2.4.5.6.2.1.2 Transport channel parameters for DCH](#)

[6.10.2.4.5.6.2.1.2.1 Transport channel parameters for DL: 3.4 kbps SRBs for DCCH](#)

[See clause 6.10.2.4.1.2.2.1.1.](#)

[6.10.2.4.5.6.2.1.2.2 TFCS](#)

[See clause 6.10.2.4.1.2.2.1.2.](#)

[6.10.2.4.5.6.2.2 Physical channel parameters](#)

[6.10.2.4.5.6.2.2.1 Physical channel parameters on DPCH](#)

[See clause 6.10.2.4.1.2.2.2.](#)

[6.10.2.4.5.6.2.2.2 Physical channel parameters on HS-PDSCH](#)

[See clause 6.10.2.4.5.1.2.2.2.](#)

[6.10.2.4.5.7](#) [Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: \[min 128 guaranteed 128, max bit rate depending on UE category\] kbps / PS RAB + Interactive or background / UL:128 DL: \[max bit rate depending on UE category\] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH](#)

[6.10.2.4.5.7.1](#) [Uplink](#)

[6.10.2.4.5.7.1.1](#) [Transport channel parameters](#)

[6.10.2.4.5.7.1.1.1](#) [Transport channel parameters for Conversational / speech / UL:12.2 kbps / CS RAB](#)

[See clause 6.10.2.4.1.4.1.1.1.](#)

[6.10.2.4.5.7.1.1.2](#) [Transport channel parameters for Streaming / unknown / UL:128 kbps / PS RAB](#)

[See clause 6.10.2.4.5.6.1.1.1.](#)

[6.10.2.4.1.7.1.1.3](#) [Transport channel parameters for Interactive or background / UL:128 kbps / PS RAB](#)

[See clause 6.10.2.4.1.28.1.1.1.](#)

[6.10.2.4.1.7.1.1.4](#) [Transport channel parameters for UL:3.4 kbps SRBs for DCCH](#)

[See clause 6.10.2.4.1.2.1.1.1.](#)

[6.10.2.4.1.7.1.1.5](#) [TFCS](#)

<a href="#">TFCS size</a>	<a href="#">62</a>
<a href="#">TFCS</a>	<a href="#">(RAB subflow#1, RAB subflow#2, RAB subflow#3, 128 kbps RAB, 128 kbps RAB, DCCH)=</a> <a href="#">(TF0,TF0,TF0,TF0,TF0,TF0), (TF1,TF0,TF0,TF0,TF0,TF0), (TF2,TF1,TF1,TF0,TF0,TF0),</a> <a href="#">(TF0,TF0,TF0,TF1,TF0,TF0), (TF0,TF0,TF0,TF0,TF1,TF0),</a> <a href="#">(TF0,TF0,TF0,TF2,TF1,TF0), (TF1,TF0,TF0,TF2,TF1,TF0), (TF2,TF1,TF1,TF2,TF1,TF0),</a> <a href="#">(TF0,TF0,TF0,TF3,TF1,TF0), (TF1,TF0,TF0,TF3,TF1,TF0), (TF2,TF1,TF1,TF3,TF1,TF0),</a> <a href="#">(TF0,TF0,TF0,TF2,TF2,TF0), (TF1,TF0,TF0,TF2,TF2,TF0), (TF2,TF1,TF1,TF2,TF2,TF0),</a> <a href="#">(TF0,TF0,TF0,TF3,TF2,TF0), (TF1,TF0,TF0,TF3,TF2,TF0), (TF2,TF1,TF1,TF3,TF2,TF0),</a> <a href="#">(TF0,TF0,TF0,TF1,TF3,TF0), (TF1,TF0,TF0,TF1,TF3,TF0), (TF2,TF1,TF1,TF1,TF3,TF0),</a> <a href="#">(TF0,TF0,TF0,TF2,TF3,TF0), (TF1,TF0,TF0,TF2,TF3,TF0), (TF2,TF1,TF1,TF2,TF3,TF0),</a> <a href="#">(TF0,TF0,TF0,TF3,TF3,TF0), (TF1,TF0,TF0,TF3,TF3,TF0), (TF2,TF1,TF1,TF3,TF3,TF0),</a> <a href="#">(TF0,TF0,TF0,TF2,TF4,TF0), (TF1,TF0,TF0,TF2,TF4,TF0), (TF2,TF1,TF1,TF2,TF4,TF0),</a> <a href="#">(TF0,TF0,TF0,TF3,TF4,TF0), (TF1,TF0,TF0,TF3,TF4,TF0), (TF2,TF1,TF1,TF3,TF4,TF0),</a> <a href="#">(TF0,TF0,TF0,TF0,TF0,TF1), (TF1,TF0,TF0,TF0,TF0,TF1), (TF2,TF1,TF1,TF0,TF0,TF1),</a> <a href="#">(TF0,TF0,TF0,TF2,TF1,TF1), (TF1,TF0,TF0,TF2,TF1,TF1), (TF2,TF1,TF1,TF2,TF1,TF1),</a> <a href="#">(TF0,TF0,TF0,TF3,TF1,TF1), (TF1,TF0,TF0,TF3,TF1,TF1), (TF2,TF1,TF1,TF3,TF1,TF1),</a> <a href="#">(TF0,TF0,TF0,TF2,TF2,TF1), (TF1,TF0,TF0,TF2,TF2,TF1), (TF2,TF1,TF1,TF2,TF2,TF1),</a> <a href="#">(TF0,TF0,TF0,TF3,TF2,TF1), (TF1,TF0,TF0,TF3,TF2,TF1), (TF2,TF1,TF1,TF3,TF2,TF1),</a> <a href="#">(TF0,TF0,TF0,TF1,TF3,TF1), (TF1,TF0,TF0,TF1,TF3,TF1), (TF2,TF1,TF1,TF1,TF3,TF1),</a> <a href="#">(TF0,TF0,TF0,TF2,TF3,TF1), (TF1,TF0,TF0,TF2,TF3,TF1), (TF2,TF1,TF1,TF2,TF3,TF1),</a> <a href="#">(TF0,TF0,TF0,TF3,TF3,TF1), (TF1,TF0,TF0,TF3,TF3,TF1), (TF2,TF1,TF1,TF3,TF3,TF1),</a> <a href="#">(TF0,TF0,TF0,TF2,TF4,TF1), (TF1,TF0,TF0,TF2,TF4,TF1), (TF2,TF1,TF1,TF2,TF4,TF1),</a> <a href="#">(TF0,TF0,TF0,TF3,TF4,TF1), (TF1,TF0,TF0,TF3,TF4,TF1), (TF2,TF1,TF1,TF3,TF4,TF1)</a>

[6.10.2.4.1.7.1.2](#) [Physical channel parameters](#)

<a href="#">DPCH Uplink</a>	<a href="#">Min spreading factor</a>	<a href="#">4</a>
	<a href="#">Max number of DPDCH data bits/radio frame</a>	<a href="#">9600</a>
	<a href="#">Puncturing Limit</a>	<a href="#">0.88</a>

[6.10.2.4.5.7.2 Downlink](#)

[6.10.2.4.5.7.2.1 Transport channel parameters](#)

[6.10.2.4.5.7.2.1.1 Transport channel parameters for HS-DSCH](#)

[6.10.2.4.5.7.2.1.1.1 MAC-d flow parameters for Streaming / unknown / DL: ~~min 128~~, max bit rate depending on UE category\] kbps / PS RAB](#)

[See clause 6.10.2.4.5.6.2.1.1.1.](#)

[6.10.2.4.5.7.2.1.1.2 MAC-d flow parameters for Interactive or background / DL: \[max bit rate depending on UE category\] / PS RAB](#)

[See clause 6.10.2.4.5.1.2.1.1.1.](#)

[6.10.2.4.5.7.2.1.2 Transport channel parameters for DCH](#)

[6.10.2.4.5.7.2.1.2.1 Transport channel parameters for Conversational / speech / DL:12.2 kbps / CS RAB](#)

[See clause 6.10.2.4.1.4.2.1.1.](#)

[6.10.2.4.5.7.2.1.2.2 Transport channel parameters for DL: 3.4 kbps SRBs for DCCH](#)

[See clause 6.10.2.4.1.2.2.1.1.](#)

[6.10.2.4.5.7.2.1.2.3 TFCS](#)

[See clause 6.10.2.4.1.4.2.1.3.](#)

[6.10.2.4.5.7.2.2 Physical channel parameters](#)

[6.10.2.4.5.7.2.2.1 Physical channel parameters on DPCH](#)

[See clause 6.10.2.4.1.2.2.2.](#)

[6.10.2.4.5.7.2.2.2 Physical channel parameters on HS-PDSCH](#)

[See clause 6.10.2.4.5.1.2.2.2.](#)

**<End of modified section>**

3GPP TSG-RAN5 Meeting #27  
 Bath, England, U.K., Apr 24th – 29th 2005

Tdoc **R5-050585**

CR-Form-v7
<b>CHANGE REQUEST</b>
⌘ <b>34.108 CR 420</b> ⌘ rev - ⌘ Current version: <b>5.4.0</b> ⌘

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

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

<b>Title:</b>	⌘ CR to 34.108 Rel-5: Content Correction of RRC CONNECTION SETUP message for LCR TDD in 9.1.2		
<b>Source:</b>	⌘ 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	⌘ LCR TDD	<b>Date:</b>	⌘ 20/03/2005
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> 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)

<b>Reason for change:</b>	⌘ 1. The IE of 'New C-RNTI' should be presented.
<b>Summary of change:</b>	⌘ 1. To set 'New C-RNTI' to '0000 0000 0000 0001B'.
<b>Consequences if not approved:</b>	⌘ The test case will not executed rightly for TDD.

<b>Clauses affected:</b>	⌘ 9.1.2										
<b>Other specs affected:</b>	<table border="1" style="font-size: x-small;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other core specifications	⌘
	Y	N									
	<input type="checkbox"/>	<input type="checkbox"/>									
X	<input type="checkbox"/>										
<input type="checkbox"/>	<input type="checkbox"/>										
		Test specifications									
		O&M Specifications									
<b>Other comments:</b>	⌘ The CR is only connected with TDD test cases.										

Contents of RRC CONNECTION SETUP message: UM (Transition to CELL\_FACH) (1.28 Mcps TDD)

Information Element	Value/remark	Version
Message Type		
Initial UE identity	Select the same identity as in the IE "Initial UE Identity" in received RRC CONNECTION REQUEST" message	
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3	
Activation time	Not Present(Now)	
New U-RNTI		
- SRNC identity	0000 0000 0001B	
- S-RNTI	0000 0000 0000 0000 0001B	
New C-RNTI	<u>0000 0000 0000 0001B</u> <b>Not Present</b>	
RRC State Indicator	CELL_FACH	
UTRAN DRX cycle length coefficient	9 , Integer(3...9)	
Capability update requirement		
- UE radio access FDD capability update requirement		
- UE radio access 3.84 Mcps TDD capability update requirement		
- UE radio access 1.28 Mcps TDD capability update requirement		
- System specific capability update requirement list		
CHOICE specification mode		
- Complete specification		
- Signalling RB information to setup list		
- Signalling RB information to setup	(UM DCCH for RRC)	
- RB identity	1	
- CHOICE RLC info type	RLC info	
- CHOICE Uplink RLC mode	UM RLC	
- Transmission RLC discard	Not Present	
- CHOICE Downlink RLC mode	UM RLC	
- RB mapping info		
- Information for each multiplexing option	2 RBMuxOptions	
- RLC logical channel mapping indicator	Not Present	
- Number of RLC logical channels	1	
- Uplink transport channel type	DCH	
- UL Transport channel identity	5	
- Logical channel identity	1	
- CHOICE RLC size list	Configure	
- MAC logical channel priority	1	
- Downlink RLC logical channel info		
- Number of RLC logical channels	1	
- Downlink transport channel type	DCH	
- DL DCH Transport channel identity		
- Transport channel identity	10	
- DL DSCH Transport channel identity	Not Present	
- DL HS-DSCH MAC-d flow identity	Not Present	
- Logical channel identity	1	
- RLC logical channel mapping indicator	Not Present	
- Number of RLC logical channels	1	
- Uplink transport channel type	RACH	
- UL Transport channel identity		
- Logical channel identity	1	
- CHOICE RLC size list	Explicit List	
- RLC size index	Reference to clause 6 Parameter Set	
- MAC logical channel priority	1	
- Downlink RLC logical channel info		
- Number of RLC logical channels	1	
- Downlink transport channel type	FACH	
- DL DCH Transport channel identity	Not Present	
- DL DSCH Transport channel identity	Not Present	
- DL HS-DSCH MAC-d flow identity	Not Present	
- Logical channel identity	1	
- Signalling RB information to setup	(AM DCCH for RRC)	
- RB identity	2	
- CHOICE RLC info type	RLC info	
- CHOICE Uplink RLC mode	AM RLC	



Information Element	Value/remark	Version
<ul style="list-style-type: none"> <li>- Transmission RLC discard                             <ul style="list-style-type: none"> <li>- CHOICE SDU discard mode                                     <ul style="list-style-type: none"> <li>- MAX_DAT</li> </ul> </li> </ul> </li> <li>- Transmission window size</li> <li>- Timer_RST</li> <li>- Max_RST</li> <li>- Polling info                             <ul style="list-style-type: none"> <li>- Timer_poll_prohibit</li> <li>- Timer_poll</li> </ul> </li> <li>- Poll_SDU</li> <li>- Last transmission PDU poll</li> <li>- Last retransmission PDU poll</li> <li>- Poll_Window</li> <li>- Timer_poll_periodic</li> <li>- CHOICE Downlink RLC mode                             <ul style="list-style-type: none"> <li>- In-sequence delivery</li> <li>- Receiving window size</li> <li>- Downlink RLC status info                                     <ul style="list-style-type: none"> <li>- Timer_status_prohibit</li> <li>- Timer_EPC</li> <li>- Missing PDU indicator</li> <li>- Timer_STATUS_periodic</li> </ul> </li> </ul> </li> <li>- RB mapping info                             <ul style="list-style-type: none"> <li>- Information for each multiplexing option</li> <li>- RLC logical channel mapping indicator</li> <li>- Number of RLC logical channels                                     <ul style="list-style-type: none"> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- Logical channel identity</li> <li>- CHOICE RLC size list</li> <li>- MAC logical channel priority</li> </ul> </li> <li>- Downlink RLC logical channel info                                     <ul style="list-style-type: none"> <li>- Number of RLC logical channels   <ul style="list-style-type: none"> <li>- Downlink transport channel type</li> <li>- DL DCH Transport channel identity</li> </ul> </li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>No Discard</li> <li>15</li> <li>32</li> <li>500</li> <li>1</li> <li>200</li> <li>200</li> <li>Not present</li> <li>1</li> <li>TRUE</li> <li>TRUE</li> <li>99</li> <li>Not Present</li> <li>AM RLC</li> <li>TRUE</li> <li>32</li> <li>200</li> <li>Not Present</li> <li>TRUE</li> <li>Not Present</li> <li>2 RBMuxOptions</li> <li>Not Present</li> <li>1</li> <li>DCH</li> <li>5</li> <li>2</li> <li>Configure</li> <li>2</li> <li>1</li> <li>DCH</li> </ul>	
<ul style="list-style-type: none"> <li>- Transport channel identity</li> <li>- DL DSCH Transport channel identity</li> <li>- DL HS-DSCH MAC-d flow identity</li> <li>- Logical channel identity</li> <li>- RLC logical channel mapping indicator</li> <li>- Number of RLC logical channels                             <ul style="list-style-type: none"> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- Logical channel identity</li> <li>- CHOICE RLC size list                                     <ul style="list-style-type: none"> <li>- RLC size index</li> </ul> </li> <li>- MAC logical channel priority</li> </ul> </li> <li>- Downlink RLC logical channel info                             <ul style="list-style-type: none"> <li>- Number of RLC logical channels                                     <ul style="list-style-type: none"> <li>- Downlink transport channel type</li> <li>- DL DCH Transport channel identity</li> <li>- DL DSCH Transport channel identity</li> <li>- DL HS-DSCH MAC-d flow identity</li> <li>- Logical channel identity</li> </ul> </li> </ul> </li> <li>- Signalling RB information to setup                             <ul style="list-style-type: none"> <li>- RB identity</li> </ul> </li> <li>- CHOICE RLC info type                             <ul style="list-style-type: none"> <li>- CHOICE Uplink RLC mode                                     <ul style="list-style-type: none"> <li>- Transmission RLC discard   <ul style="list-style-type: none"> <li>- CHOICE SDU discard mode   <ul style="list-style-type: none"> <li>- MAX_DAT</li> </ul> </li> </ul> </li> <li>- Transmission window size</li> <li>- Timer_RST</li> <li>- Max_RST</li> <li>- Polling info   <ul style="list-style-type: none"> <li>- Timer_poll_prohibit</li> </ul> </li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>10</li> <li>Not Present</li> <li>Not Present</li> <li>2</li> <li>Not Present</li> <li>1</li> <li>RACH</li> <li>Not Present</li> <li>2</li> <li>Explicit List</li> <li>Reference to clause 6 Parameter Set</li> <li>2</li> <li>1</li> <li>FACH</li> <li>Not Present</li> <li>Not Present</li> <li>Not Present</li> <li>2</li> <li>(AM DCCH for NAS_DT High priority)</li> <li>3</li> <li>RLC info</li> <li>AM RLC</li> <li>No Discard</li> <li>15</li> <li>32</li> <li>500</li> <li>1</li> <li>200</li> </ul>	

Information Element	Value/remark	Version
<ul style="list-style-type: none"> <li>- Timer_poll</li> <li>- Poll_SDU</li> <li>- Last transmission PDU poll</li> <li>- Last retransmission PDU poll</li> <li>- Poll_Window</li> <li>- Timer_poll_periodic</li> <li>- CHOICE Downlink RLC mode</li> <li>- In-sequence delivery</li> <li>- Receiving window size</li> <li>- Downlink RLC status info                             <ul style="list-style-type: none"> <li>- Timer_status_prohibit</li> <li>- Timer_EPC</li> <li>- Missing PDU indicator</li> <li>- Timer_STATUS_periodic</li> </ul> </li> <li>- RB mapping info                             <ul style="list-style-type: none"> <li>- Information for each multiplexing option</li> <li>- RLC logical channel mapping indicator</li> <li>- Number of RLC logical channels                                     <ul style="list-style-type: none"> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- Logical channel identity</li> <li>- CHOICE RLC size list</li> <li>- MAC logical channel priority</li> </ul> </li> <li>- Downlink RLC logical channel info                                     <ul style="list-style-type: none"> <li>- Number of RLC logical channels</li> <li>- Downlink transport channel type</li> <li>- DL DCH Transport channel identity   <ul style="list-style-type: none"> <li>- Transport channel identity</li> <li>- DL DSCH Transport channel identity</li> <li>- DL HS-DSCH MAC-d flow identity</li> </ul> </li> <li>- Logical channel identity</li> </ul> </li> <li>- RLC logical channel mapping indicator</li> <li>- Number of RLC logical channels                                     <ul style="list-style-type: none"> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>200</li> <li>1</li> <li>TRUE</li> <li>TRUE</li> <li>99</li> <li>Not Present</li> <li>AM RLC</li> <li>TRUE</li> <li>32</li> <li>200</li> <li>Not Present</li> <li>TRUE</li> <li>Not Present</li> <li>2 RBMuxOptions</li> <li>Not Present</li> <li>1</li> <li>DCH</li> <li>5</li> <li>3</li> <li>Configure</li> <li>3</li> <li>1</li> <li>DCH</li> <li>10</li> <li>Not Present</li> <li>Not Present</li> <li>3</li> <li>Not Present</li> <li>1</li> <li>RACH</li> <li>Not Present</li> </ul>	
<ul style="list-style-type: none"> <li>- Logical channel identity</li> <li>- CHOICE RLC size list                             <ul style="list-style-type: none"> <li>- RLC size index</li> <li>- MAC logical channel priority</li> </ul> </li> <li>- Downlink RLC logical channel info                             <ul style="list-style-type: none"> <li>- Number of RLC logical channels</li> <li>- Downlink transport channel type</li> <li>- DL DCH Transport channel identity</li> <li>- DL DSCH Transport channel identity</li> <li>- DL HS-DSCH MAC-d flow identity</li> <li>- Logical channel identity</li> </ul> </li> <li>- Signalling RB information to setup                             <ul style="list-style-type: none"> <li>- RB identity</li> <li>- CHOICE RLC info type                                     <ul style="list-style-type: none"> <li>- CHOICE Uplink RLC mode   <ul style="list-style-type: none"> <li>- Transmission RLC discard   <ul style="list-style-type: none"> <li>- CHOICE SDU discard mode   <ul style="list-style-type: none"> <li>- MAX_DAT</li> </ul> </li> </ul> </li> </ul> </li> <li>- Transmission window size</li> <li>- Timer_RST</li> <li>- Max_RST</li> <li>- Polling info   <ul style="list-style-type: none"> <li>- Timer_poll_prohibit</li> <li>- Timer_poll</li> </ul> </li> </ul> </li> <li>- Poll_SDU</li> <li>- Last transmission PDU poll</li> <li>- Last retransmission PDU poll</li> <li>- Poll_Window</li> <li>- Timer_poll_periodic</li> <li>- CHOICE Downlink RLC mode</li> </ul> </li></ul>	<ul style="list-style-type: none"> <li>3</li> <li>Explicit List</li> <li>Reference to clause 6 Parameter Set</li> <li>3</li> <li>1</li> <li>FACH</li> <li>Not Present</li> <li>Not Present</li> <li>Not Present</li> <li>3</li> <li>(AM DCCH for NAS_DT Low priority)</li> <li>4</li> <li>RLC info</li> <li>AM RLC</li> <li>No discard</li> <li>15</li> <li>32</li> <li>500</li> <li>1</li> <li>200</li> <li>200</li> <li>1</li> <li>TRUE</li> <li>TRUE</li> <li>99</li> <li>Not Present</li> <li>AM RLC</li> </ul>	

Information Element	Value/remark	Version
<ul style="list-style-type: none"> <li>- In-sequence delivery</li> <li>- Receiving window size</li> <li>- Downlink RLC status info                             <ul style="list-style-type: none"> <li>- Timer_status_prohibit</li> <li>- Timer_EPC</li> <li>- Missing PDU indicator</li> <li>- Timer_STATUS_periodic</li> </ul> </li> <li>- RB mapping info                             <ul style="list-style-type: none"> <li>- Information for each multiplexing option</li> <li>- RLC logical channel mapping indicator</li> <li>- Number of RLC logical channels                                     <ul style="list-style-type: none"> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- Logical channel identity</li> <li>- CHOICE RLC size list</li> <li>- MAC logical channel priority</li> </ul> </li> <li>- Downlink RLC logical channel info                                     <ul style="list-style-type: none"> <li>- Number of RLC logical channels   <ul style="list-style-type: none"> <li>- Downlink transport channel type</li> <li>- DL DCH Transport channel identity   <ul style="list-style-type: none"> <li>- Transport channel identity</li> <li>- DL DSCH Transport channel identity</li> <li>- DL HS-DSCH MAC-d flow identity</li> <li>- Logical channel identity</li> </ul> </li> </ul> </li> <li>- RLC logical channel mapping indicator</li> </ul> </li> <li>- Number of RLC logical channels                                     <ul style="list-style-type: none"> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- Logical channel identity</li> <li>- CHOICE RLC size list   <ul style="list-style-type: none"> <li>- RLC size index</li> <li>- MAC logical channel priority</li> </ul> </li> </ul> </li> <li>- Downlink RLC logical channel info                                     <ul style="list-style-type: none"> <li>- Number of RLC logical channels   <ul style="list-style-type: none"> <li>- Downlink transport channel type</li> <li>- DL DCH Transport channel identity</li> </ul> </li> </ul> </li> </ul> </li> </ul>	<p>TRUE 32 200 Not Present TRUE Not Present 2 RBmuxOptions Not Present 1 DCH 5 4 Configure 4 1 DCH 10 Not Present Not Present 4 Not Present 1 RACH Not Present 4 Explicit List Reference to clause 6 Parameter Set 4 1 FACH Not Present</p>	
<ul style="list-style-type: none"> <li>- DL DSCH Transport channel identity</li> <li>- DL HS-DSCH MAC-d flow identity</li> <li>- Logical channel identity</li> <li>- UL Transport channel information for all transport channels                             <ul style="list-style-type: none"> <li>- PRACH TFCS</li> <li>- CHOICE mode                                     <ul style="list-style-type: none"> <li>- Individual UL CCTrCH information   <ul style="list-style-type: none"> <li>- UL TFCS Identity   <ul style="list-style-type: none"> <li>- TFCS ID</li> <li>- Shared Channel Indicator</li> </ul> </li> </ul> </li> <li>- UL TFCS   <ul style="list-style-type: none"> <li>- CHOICE TFCS signalling   <ul style="list-style-type: none"> <li>- TFCI Field 1 Information</li> <li>- CHOICE TFCS representation</li> <li>- TFCS complete reconfiguration</li> </ul> </li> </ul> </li> </ul> </li> <li>- CHOICE CTFC Size</li> <li>- CTFC information                                     <ul style="list-style-type: none"> <li>- CTFC</li> <li>- Power offset Information</li> <li>- CHOICE Gain Factors</li> <li>- Reference TFC ID</li> </ul> </li> </ul> </li> </ul>	<p>Not Present Not Present 4 Not Present TDD 1 FALSE Normal Complete reconfiguration Configured, Number of bits used must be enough to cover all combinations of CTFC from clause 6.11.5.4 Parameter Set. This IE is repeated for TFC numbers and reference to clause 6.11.5.4 Parameter Set Reference to clause 6.11.5.4 Parameter Set Computed Gain Factors(The last TFC is set to Signalled Gain Factors) 0, Integer(0.. 3)</p>	

Information Element	Value/remark	Version
<ul style="list-style-type: none"> <li>- CHOICE mode</li> <li>- TFC subset</li> <li>- TFC subset list</li> <li>- Added or Reconfigured UL TrCH information list</li> <li>- Added or Reconfigured UL TrCH information                             <ul style="list-style-type: none"> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- TFS</li> <li>- CHOICE Transport channel type</li> <li>- Dynamic Transport format information</li> <li>- RLC size</li> </ul> </li> <li>- Number of TBs and TTI lists                             <ul style="list-style-type: none"> <li>- Transmission Time Interval</li> </ul> </li> <li>- Number of Transport blocks                             <ul style="list-style-type: none"> <li>- CHOICE Logical channel list</li> <li>- Semi-static Transport Format information</li> <li>- Transmission time interval</li> <li>- Type of channel coding</li> <li>- Coding Rate</li> <li>- Rate matching attribute</li> <li>- CRC size</li> </ul> </li> <li>- DL Transport channel information common for all transport channel                             <ul style="list-style-type: none"> <li>- SCCPCH TFCS</li> <li>- CHOICE mode                                     <ul style="list-style-type: none"> <li>- Individual DL CCTrCH information   <ul style="list-style-type: none"> <li>- DL TFCS Identity   <ul style="list-style-type: none"> <li>- TFCS ID</li> <li>- Shared Channel Indicator</li> </ul> </li> <li>- CHOICE DL parameters</li> </ul> </li> </ul> </li> <li>- UL DCH TFCS Identity</li> <li>- Shared Channel Indicator</li> </ul> </li> <li>- Added or Reconfigured TrCH information list</li> </ul>	<p>TDD</p> <p>Not present. Default value is the complete existing set of transport format combinations</p> <p>Not present</p> <p>DCH</p> <p>5</p> <p>Dedicated transport channels</p> <p>According to clause 6 for standalone 13.6 kbps signalling radio bearer (This IE is repeated for TFI number)</p> <p>According to clause 6 for standalone 13.6 kbps signalling radio bearer</p> <p>Reference to clause 6.11 Parameter Set All</p> <p>Reference to clause 6.11 Parameter Set</p> <p>Reference to clause 6.11 Parameter Set</p> <p>Reference to clause 6.11 Parameter Set</p> <p>Reference to clause 6.11 Parameter Set</p> <p>Reference to clause 6.11 Parameter Set</p> <p>Not Present</p> <p>TDD</p> <p>1</p> <p>FALSE</p> <p>Same as UL</p> <p>1</p> <p>FALSE</p>	
<ul style="list-style-type: none"> <li>- Added or Reconfigured DL TrCH information                             <ul style="list-style-type: none"> <li>- Downlink transport channel type</li> <li>- DL Transport channel identity</li> <li>- CHOICE DL parameters</li> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> </ul> </li> <li>-DCH quality target                             <ul style="list-style-type: none"> <li>- BLER Quality target</li> </ul> </li> <li>Frequency info</li> <li>Maximum allowed UL TX power</li> <li>CHOICE channel requirement</li> <li>Downlink information common for all radio links</li> <li>Downlink information for each radio link list</li> </ul>	<p>DCH</p> <p>10</p> <p>Same as UL</p> <p>DCH</p> <p>5</p> <p>-6.3</p> <p>Not Present</p> <p>Not Present. Default value is the existing maximum UL TX power</p> <p>Not present</p> <p>Not present</p> <p>Not Present</p>	

3GPP TSG R5 Meeting #27  
 Bath, 25<sup>th</sup> April – 29<sup>th</sup> April 2005

R5-050680

CR-Form-v7
<b>CHANGE REQUEST</b>
34.108 CR 421 rev - Current version: 5.4.0

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

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

<b>Title:</b>	Add Default RADIO BEARER RELEASE message (3.84 Mcps TDD)		
<b>Source:</b>	3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	TEI	<b>Date:</b>	24/03/05
<b>Category:</b>	<b>F</b>	<b>Release:</b>	Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> 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)

<b>Reason for change:</b>	The default message content of RADIO BEARER RELEASE (3.84 Mcps TDD) is missing.
<b>Summary of change:</b>	Add Default RADIO BEARER RELEASE message (3.84 Mcps TDD)
<b>Consequences if not approved:</b>	Message can not be tested.

<b>Clauses affected:</b>	9.1.2						
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Y	N						
<input type="checkbox"/>	<input checked="" type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> Test specifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> O&M Specifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>	<input type="checkbox"/>						
<b>Other comments:</b>							

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

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

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

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



<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>
<u>- RB identity</u>		10
<u>RB information to release list</u>	<u>A2, A8</u>	
<u>- RB information to release</u>		10
<u>- RB identity</u>		10
<u>RB information to release</u>		11
<u>- RB identity</u>		11
<u>RB information to release</u>		12
<u>- RB identity</u>		12
<u>RB information to release list</u>	<u>A3, A4, A5, A6</u>	
<u>- RB information to release</u>		20
<u>- RB identity</u>		20
<u>RB information to be affected list</u>	<u>A1, A2, A3, A4, A5, A6, A7, A8</u>	Not Present
<u>Downlink counter synchronisation info</u>	<u>A1, A2, A3, A4, A5, A6, A7, A8</u>	Not Present
<u>UL Transport channel information common for all transport channels</u>	<u>A1, A2, A3, A4</u>	TFCS reconfigured to fit the new transport channel configuration.
<u>UL Transport channel information common for all transport channels</u>	<u>A5, A6, A7, A8</u>	Not Present
<u>Deleted TrCH information list</u>	<u>A1, A2, A3, A5, A7, A8</u>	
<u>- Deleted UL TrCH Information</u>	<u>A1, A2, A3, A5, A7, A8</u>	DCH 1
<u>- Uplink transport channel type</u>		DCH 1
<u>- Transport channel identity</u>		DCH 1
<u>Deleted UL TrCH Information</u>	<u>A2, A8</u>	DCH 2
<u>- Uplink transport channel type</u>		DCH 2
<u>- Transport channel identity</u>		DCH 2
<u>Deleted UL TrCH Information</u>	<u>A2, A8</u>	DCH 3
<u>- Uplink transport channel type</u>		DCH 3
<u>- Transport channel identity</u>		DCH 3
<u>Deleted TrCH information list</u>	<u>A4, A6</u>	Not Present
<u>Added or Reconfigured TrCH information list</u>	<u>A5, A6, A7, A8</u>	Not Present
<u>Added or Reconfigured TrCH information list</u>	<u>A1, A2, A3, A4</u>	TrCHs (DCH for DCCH.)
<u>- Added or Reconfigured UL TrCH information</u>		
<u>- Uplink transport channel type</u>		DCH
<u>- UL Transport channel identity</u>		5
<u>- TFS</u>		
<u>- CHOICE Transport channel type</u>		Dedicated transport channels
<u>- Dynamic Transport format information</u>		
<u>- RLC Size</u>		Reference to TS34.108 clause 6.10 Parameter Set
<u>- Number of TBs and TTI List</u>		(This IE is repeated for TFI number.)
<u>- Transmission Time Interval</u>		Not present
<u>- Number of Transport blocks</u>		Reference to TS34.108 clause 6.10 Parameter Set
<u>- CHOICE Logical Channel list</u>		All (NULL)
<u>- Semi-static Transport Format information</u>		
<u>- Transmission time interval</u>		Reference to TS34.108 clause 6.10 Parameter Set
<u>- Type of channel coding</u>		Reference to TS34.108 clause 6.10 Parameter Set
<u>- Coding Rate</u>		Reference to TS34.108 clause 6.10 Parameter Set
<u>- Rate matching attribute</u>		Reference to TS34.108 clause 6.10 Parameter Set
<u>- CRC size</u>		Reference to TS34.108 clause 6.10 Parameter Set
<u>CHOICE mode</u>		TDD (No data)
<u>DL Transport channel information common for all transport channels</u>	<u>A1, A2, A3, A4,</u>	TFCS reconfigured to fit the new transport channel configuration.



<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>
<u>DL Transport channel information common for all transport channels</u>	<u>A5, A6, A7, A8</u>	<u>Not Present</u>
<u>Deleted TrCH information list</u>		
<u>- Deleted DL TrCH Information</u>	<u>A1, A2, A3, A5, A7, A8</u>	<u>DCH 6</u>
<u>- Deleted DL TrCH Information</u> <u>- Downlink transport channel type</u> <u>- Transport channel identity</u>	<u>A2, A8</u>	<u>DCH 7</u>
<u>- Deleted DL TrCH Information</u> <u>- Downlink transport channel type</u> <u>- Transport channel identity</u>	<u>A2, A8</u>	<u>DCH 8</u>
<u>Deleted TrCH information list</u>	<u>A4, A6</u>	<u>Not Present</u>
<u>Added or Reconfigured TrCH information list</u>		
<u>- Added or Reconfigured DL TrCH information</u>	<u>A5, A6, A7, A8</u>	<u>Not Present</u>
<u>- Added or Reconfigured DL TrCH information</u>	<u>A1, A2, A3, A4</u>	<u>1 TrCHs (DCH for DCCH)</u>
<u>- Downlink transport channel type</u>		<u>DCH</u>
<u>- DL Transport channel identity</u>		<u>10</u>
<u>- CHOICE DL parameters</u>		<u>Same as UL</u>
<u>- Uplink transport channel type</u>		<u>DCH</u>
<u>- UL TrCH identity</u>		<u>5</u>
<u>- DCH quality target</u>		
<u>- BLER Quality value</u>		<u>-2.0 Real(-6.3..0 by step of 0.1)</u>
<u>Frequency info</u>	<u>A1, A2, A3, A4, A5, A7, A8</u>	<u>TDD</u> <u>Reference to clause 5.1 Test frequencies</u>
<u>- Choice mode</u> <u>- UARFCN (Nt)</u>		
<u>Frequency info</u>	<u>A6</u>	<u>Not Present</u>
<u>Maximum allowed UL TX power</u>	<u>A1, A2, A3, A4, A7, A8</u>	<u>33dBm</u>
<u>Maximum allowed UL TX power</u>	<u>A5, A6</u>	<u>using the default value</u>
<u>CHOICE channel requirement</u>	<u>A5, A6, A7, A8</u>	<u>Not Present</u>
<u>CHOICE channel requirement</u>	<u>A1, A2, A3, A4</u>	<u>Uplink DPCH info</u>
<u>- Uplink DPCH power control info</u>		<u>Not Present</u>
<u>- CHOICE mode</u>		<u>TDD</u>
<u>- Uplink Timing Advance Control</u>		<u>Not Present</u>
<u>- UL CCTrCH List</u>		
<u>- TFCS ID</u>		<u>1</u>
<u>- UL Target SIR</u>		<u>Real (-11 .. 20 by step of 0.5dB)</u> <u>Reference to TS34.108 Parameter set.</u>
<u>- Time info</u> <u>- Activation time</u> <u>- Duration</u> <u>- Common timeslot info</u> <u>- 2<sup>nd</sup> interleaving mode</u> <u>- TFCI coding</u> <u>- Puncturing limit</u> <u>- Repetition period</u> <u>- Repetition length</u> <u>- Uplink DPCH timeslots and code</u> <u>- Dynamic SF usage</u> <u>- First individual timeslot info</u> <u>- Timeslot number</u> <u>- CHOICE TDD option</u>		<u>(256+CFN-(CFN MOD 8 + 8))MOD 256</u> <u>Infinite</u>  <u>Default value is "Frame"</u> <u>Reference to TS34.108 clause 6 Parameter set</u> <u>Reference to TS34.108 clause 6 Parameter set</u>  <u>1</u>  <u>FALSE</u>  <u>3.84 Mcps TDD</u>

Information Element	Condition	Value/remark
<ul style="list-style-type: none"> <li>- Timeslot number</li> <li>- TFCI existence</li> <li>- Midamble shift and burst type</li> </ul>		<p>1 OR 2 OR 3 TRUE</p>
<ul style="list-style-type: none"> <li>- CHOICE TDD option</li> <li>- CHOICE <i>Burst Type</i></li> <li>- Midamble allocation mode</li> <li>- Midamble configuration</li> <li>- Midamble Shift</li> <li>- CHOICE TDD option</li> <li>- First timeslot Code List</li> </ul> <p>- channelisation codes</p> <p>- CHOICE more timeslots</p> <p>- UL CCH List to Remove</p> <p>CHOICE Mode</p> <p>Downlink HS-PDSCH Information</p> <p>Downlink information common for all radio links</p> <p>Downlink information common for all radio links</p> <ul style="list-style-type: none"> <li>- Downlink DPCH info common for all RL</li> <li>- Timing indication</li> <li>- CFN-targetSFN frame offset</li> </ul>	<p>A1, A2, A3, A4, A5, A6, A7, A8</p> <p>A1, A2, A3, A4, A5, A6, A7, A8</p> <p>A5, A6, A7, A8</p> <p>A1, A2, A3</p>	<p>3.84 Mcps TDD Type 1 Default midamble 16 Not Present 3.84 Mcps TDD (no data) Repeated (1,2) for each channelisation code assigned in the slot to meet the needs of TS34.108 clause 6 Parameter Set. (SF/ i) where i denotes an unassigned code matching the SF specified in TS34.108 clause 6 Parameter Set. No more timeslots Not present TDD</p> <p>Not Present</p> <p>Not Present</p> <p>Maintain Not Present</p>
<ul style="list-style-type: none"> <li>- Downlink DPCH power control information</li> <li>- CHOICE mode</li> <li>- TPC Step Size</li> <li>- MAC-d HFN initial value</li> <li>- CHOICE mode</li> <li>- CHOICE mode</li> <li>- CHOICE TDD option</li> <li>- Default DPCH Offset Value</li> </ul> <p>Downlink information common for all radio links</p> <ul style="list-style-type: none"> <li>- Downlink DPCH info common for all RL</li> <li>- Timing indication</li> <li>- CFN-targetSFN frame offset</li> <li>- Downlink DPCH power control information</li> <li>- CHOICE mode</li> <li>- TPC Step Size</li> <li>- MAC-d HFN initial value</li> <li>- CHOICE mode</li> <li>- CHOICE mode</li> <li>- CHOICE TDD option</li> </ul>	<p>A4</p>	<p>TDD 1 Not Present TDD TDD 3.84 Mcps TDD Not Present</p> <p>Initialise Not Present</p> <p>TDD 1 Not Present TDD TDD 3.84 Mcps TDD</p>
<ul style="list-style-type: none"> <li>- Default DPCH Offset Value</li> <li>- CHOICE mode</li> <li>- Default DPCH Offset Value</li> </ul> <p>Downlink information per radio link list</p> <ul style="list-style-type: none"> <li>- Downlink information for each radio link</li> <li>- Choice mode</li> <li>- Primary CCPCH info</li> <li>- Choice mode</li> <li>- Choice TDD Option</li> <li>- Cell parameters ID</li> </ul> <p>- SCTD indicator</p> <ul style="list-style-type: none"> <li>- Downlink DPCH info for each RL</li> <li>- CHOICE mode</li> </ul>	<p>A1, A2, A3, A4,</p>	<p>TDD 0 Integer(0..7)</p> <p>TDD</p> <p>TDD 3.84 Mcps TDD Ref. to the Default setting in TS34.108 clause 6.1 (TDD) Integer(0..127) FALSE</p> <p>TDD</p>

<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>
<ul style="list-style-type: none"> <li>- DL CCTrCh List</li> <li>- TFCS ID</li> <li>- Time info</li> <li>- Activation time</li> <li>- Duration</li> <li>- Common timeslot info</li> <li>- 2<sup>nd</sup> interleaving mode</li> </ul>		<p>2 Integer(1.8)</p> <p>Now</p> <p>Infinite</p> <p>Default value is "Frame"</p>
<ul style="list-style-type: none"> <li>- TFCI coding</li> <li>- Puncturing limit</li> <li>- Repetition period</li> <li>- Repetition length</li> <li>- Downlink DPCH timeslots and codes</li> <li>- First individual timeslot info</li> <li>- Timeslot number</li> <li>- CHOICE TDD option</li> </ul>		<p>Reference to TS34.108 clause 6 Parameter set</p> <p>Reference to TS34.108 clause 6 Parameter set</p> <p>1</p> <p>NULL</p> <p>3.84 Mcps TDD</p>
<ul style="list-style-type: none"> <li>- Timeslot number</li> <li>- TFCI existence</li> <li>- Midamble shift and burst type</li> <li>- CHOICE TDD option</li> <li>- Midamble allocation mode</li> <li>- Midamble configuration</li> <li>- Midamble Shift</li> <li>- CHOICE TDD option</li> <li>- First timeslot channelisation codes</li> <li>- CHOICE codes representation</li> <li>- Channelisation codes bitmap</li> <li>- CHOICE more timeslots</li> <li>- UL CCTrCH TPC List</li> <li>- DL CCTrCH List to Remove</li> <li>- SCCPCH Information for FACH</li> <li>Downlink information per radio link list</li> <li>- Downlink information for each radio link</li> <li>- Choice mode</li> <li>- Primary CCPCH info</li> <li>- Choice mode</li> <li>- Choice TDD Option</li> <li>- TSTD indicator</li> <li>- Cell parameters ID</li> <li>- SCTD indicator</li> </ul>	A5 ,A7, A8	<p>4 OR 5 OR 6</p> <p>TRUE</p> <p>3.84 Mcps TDD</p> <p>Default midamble</p> <p>16</p> <p>Not Present</p> <p>3.84 Mcps TDD (no data)</p> <p>Repeated (1.2) for each channelisation code assigned in the slot to meet the needs of TS34.108 clause 6 Parameter Set.</p> <p>Bitmap</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>No more timeslots</p> <p>Default is all</p> <p>Not present</p> <p>Not Present</p> <p>TDD</p> <p>TDD</p> <p>3.84 Mcps TDD</p> <p>FALSE</p> <p>Ref. to the Default setting in TS34.108 clause 6.1 (TDD) Integer(0..127)</p> <p>FALSE</p>
- Downlink DPCH info for each RL		Not Present
- SCCPCH Information for FACH		Not Present
Downlink information per radio link list	A6	Not Present

<u>Condition</u>	<u>Explanation</u>
A1	This IE need for "Non speech in CS"
A2	This IE need for "Speech in CS"
A3	This IE need for "Packet to CELL DCH from CELL DCH in PS"
A4	This IE need for "Packet to CELL DCH from CELL FACH in PS"
A5	This IE need for "Packet to CELL FACH from CELL DCH in PS"
A6	This IE need for "Packet to CELL FACH from CELL FACH in PS"
A7	This IE need for "Non speech to CELL FACH from CELL DCH in CS"
A8	This IE need for "Speech to CELL FACH from CELL DCH in CS"

Contents of RADIO BEARER RELEASE message: AM or UM (1.28 Mcps TDD)

...

3GPP TSG R5 Meeting #27  
 Bath, 25<sup>th</sup> April – 29<sup>th</sup> April 2005

R5-050681

CR-Form-v7
<b>CHANGE REQUEST</b>
⌘ 34.108 CR 422 ⌘ rev - ⌘ Current version: 5.4.0 ⌘

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

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

<b>Title:</b>	⌘ Add Default Contents of RADIO BEARER RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)		
<b>Source:</b>	⌘ 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ 24/03/05
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> 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)

<b>Reason for change:</b>	⌘ The default message content of Contents of RADIO BEARER RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD) is missing.
<b>Summary of change:</b>	⌘ Add Default Contents of RADIO BEARER RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)
<b>Consequences if not approved:</b>	⌘ Message can not be tested.

<b>Clauses affected:</b>	⌘ 9.1.2						
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications	Y	N	⌘	X	⌘	⌘
Y	N						
⌘	X						
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px;">X</td> </tr> </table> Test specifications	X					
X							
	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px;">X</td> </tr> </table> O&M Specifications	X					
X							
<b>Other comments:</b>	⌘						

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

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

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

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

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

9.1.2 Default RRC Message Contents (TDD)

....

Contents of RADIO BEARER RECONFIGURATION message: AM or UM (1.28 Mcps TDD)

....

Contents of RADIO BEARER RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)

<u>Information Element</u>	<u>Value/remark</u>	<u>Version</u>
<u>Message Type</u>		
<u>RRC transaction identifier</u>	Checked to see if the value is identical to the same IE in the downlink RADIO BEARER RECONFIGURATION message	
<u>Integrity check info</u>		
- <u>Message authentication code</u>	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I.	
- <u>RRC Message sequence number</u>	This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.	
<u>Uplink integrity protection activation info</u>	Not checked	
<u>CHOICE mode</u>	TDD	
- <u>CHOICE TDD option</u>	3.84 Mcps TDD	<u>REL-4</u>
- <u>UL Timing Advance</u>	0	
<u>COUNT-C activation time</u>	Not checked	
<u>Radio bearer uplink ciphering activation time info</u>	Not checked	
<u>Uplink counter synchronisation info</u>	Not checked	

Contents of RADIO BEARER RECONFIGURATION COMPLETE message: AM (1.28 Mcps TDD)

....

3GPP TSG R5 Meeting #27  
 Bath, 25<sup>th</sup> April – 29<sup>th</sup> April 2005

R5-050682

CR-Form-v7
<b>CHANGE REQUEST</b>
34.108 CR 423 rev - Current version: 5.4.0

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

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

<b>Title:</b>	Add Default Contents of RADIO BEARER RECONFIGURATION message: AM or UM (3.84 Mcps TDD)		
<b>Source:</b>	3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	TEI	<b>Date:</b>	30/03/05
<b>Category:</b>	F	<b>Release:</b>	Rel-5
	Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> 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)

<b>Reason for change:</b>	The default message content of Contents of RADIO BEARER RECONFIGURATION message: AM or UM (3.84 Mcps TDD) is missing.
<b>Summary of change:</b>	Add Default Contents of RADIO BEARER RECONFIGURATION message: AM or UM (3.84 Mcps TDD)
<b>Consequences if not approved:</b>	Message can not be tested.

<b>Clauses affected:</b>	9.1.2										
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications Test specifications O&M Specifications	
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<b>Other comments:</b>											

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

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

- 1) Fill out the above form. The symbols above marked contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be



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

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

9.1.2 Default RRC Message Contents (TDD)

....

Contents of PHYSICAL CHANNEL RECONFIGURATION FAILURE message: AM

Information Element	Value/remark
Message Type	Checked to see if it is set to identical value of the same IE in the downlink PHYSICAL CHANNEL RECONFIGURATION message.
RRC transaction identifier	
Integrity check info - Message authentication code	
- RRC Message sequence number	
Failure cause	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I. This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value. Checked to see if it meets test requirement

Contents of RADIO BEARER RECONFIGURATION message: AM or UM (3.84 Mcps TDD)

Information Element	Condition	Value/remark	Version
<u>Message Type</u>	<u>A1,A2,A3,A4,A5,A6</u>		
<u>UE Information elements</u>			
<u>RRC transaction identifier</u>		Arbitrarily selects an integer between 0 and 3	
<u>Integrity check info</u> _____ - message authentication code		SS calculates the value of MAC-I for this message and writes to this IE. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I.	
_____ - RRC message sequence number		SS provides the value of this IE, from its internal counter.	
<u>Integrity protection mode info</u>		Not Present	
<u>Ciphering mode info</u>		Not Present	
<u>Activation time</u>	<u>A1,A2,A3</u>	(256+CFN-(CFN MOD 8 + 8))MOD 256	
<u>Activation time</u>	<u>A4, A5,A6</u>	Not Present	
<u>New U-RNTI</u>		MD Integer(0..255) default is 'now'	
<u>New C-RNTI</u>		Not Present	
<u>New C-RNTI</u>	<u>A1, A2, A3, A4,</u>		
<u>New C-RNTI</u>	<u>A5, A6</u>	'1010 1010 1010 1010'	
<u>New DSCH-RNTI</u>	<u>A1, A2, A3, A4, A5, A6</u>	Not Present	
<u>New H-RNTI</u>	<u>A1, A2, A3, A4, A5, A6</u>	Not Present	REL-5
<u>RRC State indicator</u>	<u>A1, A2, A3, A4</u>	CELL_DCH Indicates to a UE the RRC state to be entered.	
<u>RRC State indicator</u>	<u>A5, A6</u>	CELL_FACH	
<u>UTRAN DRX cycle length coefficient</u>	<u>A1,A2,A3, A4,A5,A6</u>	Not Present A coefficient in the formula to count the paging occasions to be used by a specific UE	
<u>CN information elements</u>			
<u>CN information info</u>		Not Present	
<u>UTRAN mobility information elements</u>			
<u>URA identity</u>		Not Present	
<u>CHOICE specification mode</u>		[FFS]	REL-5
<u>RB information elements</u>			
<u>RAB information to reconfigure list</u>		Not Present	
<u>RB information to reconfigure list</u>	<u>A1</u>	TS25.331 specifies that "Although this	

Information Element	Condition	Value/remark	Version
<ul style="list-style-type: none"> <li>- <a href="#">RB information to reconfigure</a></li> <li>- <a href="#">RB identity</a></li> <li>- <a href="#">PDCP info</a></li> <li>- <a href="#">PDCP SN info</a></li> <li>- <a href="#">RLC info</a></li> <li>- <a href="#">RB mapping info</a></li> <li>- <a href="#">RB stop/continue</a></li> <li>- <a href="#">RB information to reconfigure</a></li> <li>- <a href="#">RB identity</a></li> <li>- <a href="#">PDCP info</a></li> <li>- <a href="#">PDCP SN info</a></li> <li>- <a href="#">RLC info</a></li> <li>- <a href="#">RB mapping info</a></li> <li>- <a href="#">RB stop/continue</a></li> <li>- <a href="#">RB information to reconfigure</a></li> <li>- <a href="#">RB identity</a></li> <li>- <a href="#">PDCP info</a></li> <li>- <a href="#">PDCP SN info</a></li> <li>- <a href="#">RLC info</a></li> <li>- <a href="#">RB mapping info</a></li> <li>- <a href="#">RB stop/continue</a></li> <li>- <a href="#">RB information to reconfigure</a></li> <li>- <a href="#">RB identity</a></li> <li>- <a href="#">PDCP info</a></li> <li>- <a href="#">PDCP SN info</a></li> <li>- <a href="#">RLC info</a></li> <li>- <a href="#">RB mapping info</a></li> <li>- <a href="#">RB stop/continue</a></li> <li>- <a href="#">RB information to reconfigure</a></li> <li>- <a href="#">RB identity</a></li> <li>- <a href="#">PDCP info</a></li> <li>- <a href="#">PDCP SN info</a></li> <li>- <a href="#">RLC info</a></li> <li>- <a href="#">RB mapping info</a></li> <li>- <a href="#">RB stop/continue</a></li> </ul>		<p><a href="#">IE is not always required, need is MP to align with ASN.1".</a>  <a href="#">(UM DCCH for RRC)</a>                      1  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">(AM DCCH for RRC)</a>                      2  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">(AM DCCH for NAS_DT High priority)</a>                      3  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">(AM DCCH for NAS_DT Low priority)</a>                      4  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">(TM DTCH)</a>                      10  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a></p>	
<p><a href="#">RB information to reconfigure list</a></p> <ul style="list-style-type: none"> <li>- <a href="#">RB information to reconfigure</a></li> <li>- <a href="#">RB identity</a></li> <li>- <a href="#">PDCP info</a></li> <li>- <a href="#">PDCP SN info</a></li> <li>- <a href="#">RLC info</a></li> <li>- <a href="#">RB mapping info</a></li> <li>- <a href="#">RB stop/continue</a></li> <li>- <a href="#">RB information to reconfigure</a></li> <li>- <a href="#">RB identity</a></li> <li>- <a href="#">PDCP info</a></li> <li>- <a href="#">PDCP SN info</a></li> <li>- <a href="#">RLC info</a></li> <li>- <a href="#">RB mapping info</a></li> <li>- <a href="#">RB stop/continue</a></li> <li>- <a href="#">RB information to reconfigure</a></li> <li>- <a href="#">RB identity</a></li> <li>- <a href="#">PDCP info</a></li> <li>- <a href="#">PDCP SN info</a></li> <li>- <a href="#">RLC info</a></li> <li>- <a href="#">RB mapping info</a></li> <li>- <a href="#">RB stop/continue</a></li> <li>- <a href="#">RB information to reconfigure</a></li> <li>- <a href="#">RB identity</a></li> <li>- <a href="#">PDCP info</a></li> <li>- <a href="#">PDCP SN info</a></li> <li>- <a href="#">RLC info</a></li> <li>- <a href="#">RB mapping info</a></li> </ul>	<p><a href="#">A2</a></p>	<p><a href="#">TS25.331 specifies that "Although this IE is not always required, need is MP to align with ASN.1".</a>  <a href="#">(UM DCCH for RRC)</a>                      1  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">(AM DCCH for RRC)</a>                      2  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">(AM DCCH for NAS_DT High priority)</a>                      3  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">(AM DCCH for NAS_DT Low priority)</a>                      4  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a>  <a href="#">Not Present</a></p>	



<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>	<u>Version</u>
<u>Uplink transport channels</u>			
<u>UL Transport channel information for all transport channels</u>	<u>A1, A2, A5,A6</u>	<u>Not Present</u>	
<u>UL Transport channel information for all transport channels</u> <u>- PRACH TFCS</u> <u>- CHOICE mode</u> <u>- Individual UL CCTrCH information</u>	<u>A3, A4</u>	<u>Not Present</u> <u>TDD</u>	
<u>- UL TFCS Identity</u>			
<u>- TFCS ID</u>		<u>1</u>	
<u>- Shared Channel Indicator</u>		<u>FALSE</u>	
<u>- UL TFCS</u>			
<u>- CHOICE TFCS signalling</u>		<u>Normal</u> <u>(another option "split" only for FDD)</u>	
<u>- TFCS Field 1 Information</u>			
<u>- CHOICE TFCS representation</u>		<u>Complete reconfiguration</u>	
<u>- TFCS complete reconfiguration information</u> <u>- CHOICE CTFC Size</u>  <u>- CTFC information</u>  <u>- CTFC</u>  <u>- Power offset information</u> <u>- CHOICE Gain Factors</u>  <u>- Reference TFC ID</u> <u>- CHOICE Gain Factors</u>  <u>- CHOICE mode</u> <u>- Gain Factor <math>\beta_d</math></u> <u>- Reference TFC ID</u> <u>- CHOICE mode</u>		<u>Number of bits used must be enough to cover all combinations of CTFC from TS34.108 clause 6.10.3.4 Parameter Set.</u> <u>This IE is repeated for TFC numbers and reference to TS34.108 clause 6.10.3.4 Parameter Set</u> <u>Reference to TS34.108 clause 6.10.3.4 Parameter Set</u>  <u>Computed Gain Factors</u> <u>(The last TFC is set to Signalled Gain Factors)</u> <u>0 Integer(0.. 3)</u> <u>Signalled Gain Factors</u> <u>(Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)</u> <u>TDD</u> <u>15</u> <u>0 Integer(0.. 3)</u> <u>TDD</u>	
<u>- TFC subset</u>			
<u>- CHOICE Subset representation</u>		<u>Minimum allowed Transport format combination index</u>	
<u>- Allowed transport format combination list</u>		<u>Not present</u>	
<u>- Non-allowed transport format combination list</u>		<u>Not present</u>	
<u>- Non-allowed transport format combination list</u>		<u>Not present</u>	
<u>- Full transport format combination set</u>		<u>Not present</u>	
<u>- TFC subset list</u>		<u>Not present</u>	
<u>Deleted TrCH information list</u>			
<u>Deleted UL TrCH information</u>	<u>A1, A2, A3, A4, A5,A6</u>	<u>Not Present</u>	
<u>Added or Reconfigured TrCH information list</u>			
<u>Added or Reconfigured UL TrCH information</u>  <u>Added or Reconfigured UL TrCH information</u>  <u>- Uplink transport channel type</u> <u>- UL Transport channel identity</u> <u>- TFS</u> <u>- CHOICE Transport channel type</u>	<u>A1, A2, A5,A6</u> <u>A4</u>	<u>Not Present</u>  <u>2 TrCHs(DCH for DCCH and DCH for DTCH)</u> <u>DCH</u> <u>5</u>  <u>Dedicated transport channels</u>	

Information Element	Condition	Value/remark	Version
<ul style="list-style-type: none"> <li>- <a href="#">Dynamic Transport format information</a></li> <li>- <a href="#">RLC Size</a></li> <li>- <a href="#">Number of TBs and TTI List</a></li> <li>- <a href="#">Transmission Time Interval</a></li> <li>- <a href="#">Number of Transport blocks</a></li> <li>- <a href="#">CHOICE Logical Channel list</a></li> <li>- <a href="#">Semi-static Transport Format information</a></li> <li>- <a href="#">Transmission time interval</a></li> <li>- <a href="#">Type of channel coding</a></li> <li>- <a href="#">Coding Rate</a></li> <li>- <a href="#">Rate matching attribute</a></li> <li>- <a href="#">CRC size</a></li> <li>- <a href="#">Uplink transport channel type</a></li> <li>- <a href="#">UL Transport channel identity</a></li> <li>- <a href="#">TFS</a></li> <li>- <a href="#">CHOICE Transport channel type</a></li> <li>- <a href="#">Dynamic Transport format information</a></li> <li>- <a href="#">RLC Size</a></li> <li>- <a href="#">Number of TBs and TTI List</a></li> <li>- <a href="#">Transmission Time Interval</a></li> <li>- <a href="#">Number of Transport blocks</a></li> <li>- <a href="#">CHOICE Logical Channel list</a></li> <li>- <a href="#">Semi-static Transport Format information</a></li> <li>- <a href="#">Transmission time interval</a></li> <li>- <a href="#">Type of channel coding</a></li> <li>- <a href="#">Coding Rate</a></li> <li>- <a href="#">Rate matching attribute</a></li> <li>- <a href="#">CRC size</a></li> </ul>		<p><a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> (This IE is repeated for TFI number.) Not Present <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> All</p> <p><a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> DCH 1</p> <p><a href="#">Dedicated transport channels</a></p> <p><a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> (This IE is repeated for TFI number.) Not Present <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> All</p> <p><a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a></p>	
<p><a href="#">Added or Reconfigured UL TrCH information</a></p> <ul style="list-style-type: none"> <li>- <a href="#">Uplink transport channel type</a></li> <li>- <a href="#">UL Transport channel identity</a></li> <li>- <a href="#">TFS</a></li> <li>- <a href="#">CHOICE Transport channel type</a></li> <li>- <a href="#">Dynamic Transport format information</a></li> <li>- <a href="#">RLC Size</a></li> <li>- <a href="#">Number of TBs and TTI List</a></li> <li>- <a href="#">Transmission Time Interval</a></li> <li>- <a href="#">Number of Transport blocks</a></li> <li>- <a href="#">CHOICE Logical Channel list</a></li> <li>- <a href="#">Semi-static Transport Format information</a></li> <li>- <a href="#">Transmission time interval</a></li> <li>- <a href="#">Type of channel coding</a></li> <li>- <a href="#">Coding Rate</a></li> <li>- <a href="#">Rate matching attribute</a></li> <li>- <a href="#">CRC size</a></li> </ul>	<p><a href="#">A3</a></p>	<p>(DCH for DTCH) DCH 1</p> <p><a href="#">Dedicated transport channels</a></p> <p><a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> (This IE is repeated for TFI number.) Not Present <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> All</p> <p><a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3 Parameter Set</a></p>	
<p><a href="#">CHOICE mode</a></p>	<p><a href="#">A1,A2,A3,</a></p>	<p><a href="#">TDD</a></p>	

<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>	<u>Version</u>
- (no data)	A4,A5,A6		
<b><u>Downlink transport channels</u></b>			
<u>DL Transport channel information common for all transport channel</u>	A1, A2, A5, A6	Not Present	
<u>DL Transport channel information common for all transport channel</u> <u>- SCCPCH TFCS</u> <u>- CHOICE mode</u> <u>- Individual DL CCTrCH information</u> <u>- DL TFCS Identity</u> <u>- TFCS ID</u> <u>- Shared Channel Indicator</u> <u>- CHOICE DL parameters</u> <u>- DL TFCS</u> <u>- CHOICE TFCI signalling</u> <u>- TFCI Field 1 Information</u>	A3,A4	Not Present TDD  Independent  Normal (Normal' : meaning no split in the TFCI field either 'Logical' or 'Hard')	
<u>- CHOICE TFCS representation</u>		Complete reconfiguration	
<u>- TFCS complete reconfiguration information</u> <u>- CHOICE CTFC Size</u> <u>- CTFC information</u> <u>- CTFC</u> <u>- Power offset information</u>		Number of bits used must be enough to cover all combinations of CTFC from clause TS34.108 clause 6.10.3.4 Parameter Set. This IE is repeated for TFC numbers and reference to TS34.108 clause 6.10.3.4 Reference to TS34.108 clause 6.10.3.4 Parameter Set Not Present	
<u>Deleted TrCH information list</u>			
<u>Deleted DL TrCH information</u>	A1, A2, A3, A4, A5,A6	Not Present	
<u>Added or Reconfigured TrCH information list</u>			
<u>Added or Reconfigured DL TrCH information</u>	A1, A2, A5, A6	Not Present	
<u>Added or Reconfigured DL TrCH information</u> <u>- Downlink transport channel type</u> <u>- DL Transport channel identity</u> <u>- CHOICE DL parameters</u> <u>- Uplink transport channel type</u> <u>- UL TrCH identity</u> <u>- DCH quality target</u> <u>- BLER Quality value</u> <u>- Downlink transport channel type</u> <u>- DL Transport channel identity</u> <u>- CHOICE DL parameters</u> <u>- TFS</u> <u>- CHOICE Transport channel type</u> <u>- Dynamic transport format information</u> <u>- RLC Size</u> <u>- Number of TBs and TTI List</u> <u>- Dynamic transport format information</u> <u>- Transmission Time Interval</u> <u>- Number of Transport blocks</u> <u>- Semi-static Transport Format information</u> <u>- Transmission time interval</u> <u>- Type of channel coding</u> <u>- Coding Rate</u>	A4	2 TrCHs(DCH for DCCH and DCH for DTCH) DCH 10 Same as UL DCH 5  Not Present DCH 6 Explicit  Dedicated transport channel  Reference to TS34.108 clause 6.10.3 Parameter Set (This IE is repeated for TFI number.)  Not Present Reference to TS34.108 clause 6.10.3 Parameter Set  Reference to TS34.108 clause 6.10.3 Parameter Set Reference to TS34.108 clause 6.10.3 Parameter Set Reference to TS34.108 clause 6.10.3	









<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>	<u>Version</u>
- <u>SCCPCH Information for FACH</u>		<u>Not Present</u>	
<u>Downlink information per radio link list</u> - <u>Downlink information for each radio link</u> - <u>Choice mode</u> - <u>Primary CCPCH info</u> - <u>Choice mode</u> - <u>Choice TDD Option</u> - <u>TSTD indicator</u> - <u>Cell parameters ID</u>  - <u>SCTD indicator</u>	<u>A5</u>	<u>TDD</u>  <u>TDD</u> <u>3.84 Mcps TDD</u> <u>FALSE</u> <u>Reference clause 6.1.4 Default settings for cell 1</u> <u>FALSE</u>	<u>REL-4</u>
- <u>Downlink DPCH info for each RL</u>		<u>Not Present</u>	
- <u>SCCPCH Information for FACH</u>		<u>Not Present</u>	
<u>Downlink information per radio link list</u>	<u>A6</u>		
- <u>Downlink information for each radio link</u>		<u>Not Present</u>	

<u>Condition</u>	<u>Explanation</u>
<u>A1</u>	<u>This IE need for "Non speech in CS"</u>
<u>A2</u>	<u>This IE need for "Speech in CS"</u>
<u>A3</u>	<u>This IE need for "Packet to CELL_DCH from CELL_DCH in PS"</u>
<u>A4</u>	<u>This IE need for "Packet to CELL_DCH from CELL_FACH in PS"</u>
<u>A5</u>	<u>This IE need for "Packet to CELL_FACH from CELL_DCH in PS"</u>
<u>A6</u>	<u>This IE need for "Packet to CELL_FACH from CELL_FACH in PS"</u>

Contents of RADIO BEARER RECONFIGURATION message: AM or UM (1.28 Mcps TDD)

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3GPP TSG R5 Meeting #27  
 Bath, 25<sup>th</sup> April – 29<sup>th</sup> April 2005

R5-050683

CR-Form-v7
<b>CHANGE REQUEST</b>
<span>⌘</span> <b>34.108 CR</b> <span>⌘</span> 424 <span>⌘</span> rev <span>⌘</span> - <span>⌘</span> Current version: <b>5.4.0</b> <span>⌘</span>

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

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

<b>Title:</b>	<span>⌘</span> Add Default Contents of PHYSICAL CHANNEL RECONFIGURATION message: AM or UM (3.84 Mcps TDD)		
<b>Source:</b>	<span>⌘</span> 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	<span>⌘</span> TEI	<b>Date:</b>	<span>⌘</span> 30/03/05
<b>Category:</b>	<span>⌘</span> <b>F</b>	<b>Release:</b>	<span>⌘</span> Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> 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)

<b>Reason for change:</b>	<span>⌘</span> The default message content of Contents of PHYSICAL CHANNEL RECONFIGURATION message: AM or UM (3.84 Mcps TDD) is missing.
<b>Summary of change:</b>	<span>⌘</span> Add Default Contents of PHYSICAL CHANNEL RECONFIGURATION message: AM or UM (3.84 Mcps TDD)
<b>Consequences if not approved:</b>	<span>⌘</span> Message can not be tested.

<b>Clauses affected:</b>	<span>⌘</span> 9.1.2										
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications <span>⌘</span> Test specifications <span>⌘</span> O&M Specifications <span>⌘</span>	
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<b>Other comments:</b>	<span>⌘</span>										

**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.





<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>	<u>Version</u>
<ul style="list-style-type: none"> <li>- Uplink DPCH timeslots and code</li> <li>- Dynamic SF usage</li> <li>- First individual timeslot info</li> <li>- Timeslot number</li> <li>- CHOICE TDD option</li> <li>- Timeslot number</li> <li>- TFCI existence</li> <li>- Midamble shift and burst type</li> <li>- CHOICE TDD option</li> <li>- Midamble allocation mode</li> <li>- Midamble configuration</li> <li>- Midamble Shift</li> <li>- CHOICE TDD option</li> <li>- First timeslot Code List</li> </ul>		<p>FALSE</p> <p>3.84 Mcps TDD 1 OR 2 OR 3 TRUE</p> <p>3.84 Mcps TDD Default midamble 16 Not Present</p> <p>3.84 Mcps TDD (No Data) Repeated (1,2) for each channelisation code assigned in the slot to meet the needs of TS34.108 clause 6 Parameter Set. (SF/ i) where i denotes an unassigned code matching the SF specified in TS34.108 clause 6 Parameter Set. No more timeslots (No Data) Not present</p>	<p>REL-4</p> <p>REL-4</p> <p>REL-4</p>
<b>Downlink radio resources</b>			
CHOICE Mode	A1, A2, A3, A4, A5, A6, A7, A8, A9, A10	TDD	
- Downlink PDSCH information		No data	
Downlink HS-PDSCH Information	A1, A2, A3, A4, A5, A6, A7, A8, A9, A10	Not Present	REL-5
<u>Downlink information common for all radio links</u> <ul style="list-style-type: none"> <li>- Downlink DPCH info common for all RL</li> <li>- Timing indication</li> <li>- CFN-targetSFN frame offset</li> <li>- Downlink DPCH power control information</li> <li>- CHOICE mode</li> <li>- TPC Step Size</li> <li>- MAC-d HFN initial value</li> <li>- CHOICE mode</li> <li>- CHOICE mode</li> <li>- CHOICE TDD option</li> <li>- Default DPCH Offset Value</li> </ul>	A1, A2, A3	<p>Maintain Not Present</p> <p>TDD 1 Not Present TDD TDD 3.84 Mcps TDD (No Data) Not Present</p>	REL-4
<u>Downlink information common for all radio links</u> <ul style="list-style-type: none"> <li>- Downlink DPCH info common for all RL</li> <li>- Timing indication</li> <li>- CFN-targetSFN frame offset</li> <li>- Downlink DPCH power control information</li> <li>- CHOICE mode</li> <li>- TPC Step Size</li> <li>- MAC-d HFN initial value</li> <li>- CHOICE mode</li> <li>- CHOICE mode</li> <li>- CHOICE TDD option</li> <li>- Default DPCH Offset Value</li> <li>- CHOICE mode</li> <li>- Default DPCH Offset Value</li> </ul>	A4	<p>Initialise Not Present</p> <p>TDD 1 Not Present TDD TDD 3.84 Mcps TDD (No Data)</p> <p>TDD</p>	REL-4
<u>Downlink information common for all radio links</u>	A5, A6, A7, A8, A9, A10	Not Present	
<u>Downlink information per radio link list</u> <ul style="list-style-type: none"> <li>- Downlink information for each radio link</li> <li>- Choice mode</li> <li>- Primary CCPCH info</li> <li>- Choice mode</li> <li>- Choice TDD Option</li> <li>- CHOICE SyncCase</li> </ul>	A1, A2, A3	<p>TDD</p> <p>TDD 3.84 Mcps TDD Sync Case 1</p>	REL-4



Information Element	Condition	Value/remark	Version
<ul style="list-style-type: none"> <li>- Timeslot</li> <li>- Cell parameters ID</li> <li>- SCTD indicator</li> <li>- Downlink DPCH info for each RL</li> <li>- CHOICE mode</li> <li>- DL CCTrCh List</li> <li>- TFCS ID</li> <li>- Time info</li> <li>- Activation time</li> <li>- Duration</li> <li>- Common timeslot info</li> <li>- 2nd interleaving mode</li> <li>- TFCI coding</li> <li>- Puncturing limit</li> <li>- Repetition period</li> <li>- Repetition length</li> <li>- Downlink DPCH timeslots and codes</li> <li>- First individual timeslot info</li> <li>- Timeslot number</li> <li>- CHOICE TDD option</li> <li>- Timeslot number</li> <li>- TFCI existence</li> <li>- Midamble shift and burst type</li> <li>- CHOICE TDD option</li> </ul>		<p>Reference clause 6.1.4 Default settings for cell 1            Ref. to the Default setting in TS34.108 clause 6.1 (TDD) Integer(0..127)            FALSE</p> <p>TDD</p> <p>2 Integer(1.8)</p> <p>Now            Infinite</p> <p>Default value is "Frame"            Reference to TS34.108 clause 6 Parameter set            Reference to TS34.108 clause 6 Parameter set</p> <p>1            NULL</p> <p>3.84 Mcps TDD            4 OR 5 OR 6            TRUE</p> <p>3.84 Mcps TDD</p>	<p>REL-4</p> <p>REL-4</p>
<ul style="list-style-type: none"> <li>- CHOICE <i>Burst Type</i></li> <li>- Midamble allocation mode</li> <li>- Midamble configuration</li> <li>- Midamble Shift</li> <li>- CHOICE TDD option</li> <li>- First timeslot channelisation codes</li> <li>- CHOICE codes representation</li> <li>- Channelisation codes bitmap</li> <li>- CHOICE more timeslots</li> <li>- UL CCTrCH TPC List</li> <li>- UL TPC TFCS Identity</li> <li>- TFCS ID</li> <li>- Shared Channel Indicator</li> <li>- DL CCTrCH List to Remove</li> <li>- SCCPCH Information for FACH</li> <li>Downlink information per radio link list</li> <li>- Downlink information for each radio link</li> <li>- Choice mode</li> <li>- Primary CCPCH info</li> <li>- Choice mode</li> <li>- Choice TDD Option</li> <li>- CHOICE <i>SyncCase</i></li> <li>- Timeslot</li> <li>- Cell parameters ID</li> <li>- SCTD indicator</li> </ul>	<p>A4</p>	<p>Type 1</p> <p>Default midamble            16            Not Present            3.84 Mcps TDD            Repeated (1,2) for each channelisation code assigned in the slot to meet the needs of TS34.108 clause 6 Parameter Set.            Bitmap            Reference to TS34.108 clause 6.10 Parameter Set            No more timeslots (No Data)            Default (is previous list or all defined UL CCTrCHs.)</p> <p>1            FALSE            Not present            Not Present</p> <p>TDD</p> <p>TDD            3.84 Mcps TDD            Sync Case 1            Reference clause 6.1.4 Default settings for cell 1            Ref. to the Default setting in TS34.108 clause 6.1 (TDD) Integer(0..127)            FALSE</p>	<p>REL-4</p> <p>REL-4</p>
<ul style="list-style-type: none"> <li>- Downlink DPCH info for each RL</li> <li>- CHOICE mode</li> <li>- DL CCTrCh List</li> <li>- DL CCTrCH List to Remove</li> <li>- SCCPCH Information for FACH</li> <li>Downlink information per radio link list</li> <li>- Downlink information for each radio link</li> <li>- Choice mode</li> </ul>	<p>A5</p>	<p>TDD            Not Present            Not present            Not Present</p> <p>TDD</p>	

<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>	<u>Version</u>
<u>- Primary CCPCH info</u> <u>- Choice mode</u> <u>- Choice TDD Option</u> <u>- CHOICE SyncCase</u> <u>- Timeslot</u>  <u>- Cell parameters ID</u>  <u>- SCTD indicator</u> <u>- Downlink DPCH info for each RL</u> <u>- SCCPCH Information for FACH</u> Downlink information per radio link list	A6, A7, A8, A9, A10	TDD 3.84 Mcps TDD Sync Case 1 Reference clause 6.1.4 Default settings for cell 1 Ref. to the Default setting in TS34.108 clause 6.1 (TDD) Integer(0..127) FALSE Not Present Not Present Not Present	REL-4

<u>Condition</u>	<u>Explanation</u>
A1	This IE need for "Non speech in CS"
A2	This IE need for "Speech in CS"
A3	This IE need for "Packet to CELL DCH from CELL DCH in PS"
A4	This IE need for "Packet to CELL DCH from CELL FACH in PS"
A5	This IE need for "Packet to CELL FACH from CELL DCH in PS"
A6	This IE need for "Packet to CELL FACH from CELL FACH in PS"
A7	This IE need for "Packet to URA PCH from CELL FACH in PS"
A8	This IE need for "Packet to URA PCH from CELL DCH in PS"
A9	This IE need for "Packet to CELL PCH from CELL FACH in PS"
A10	This IE need for "Packet to CELL PCH from CELL DCH in PS"

Contents of PHYSICAL CHANNEL RECONFIGURATION message: AM or UM (1.28 Mcps TDD)

...

3GPP TSG R5 Meeting #27  
 Bath, 25<sup>th</sup> April – 29<sup>th</sup> April 2005

**R5-050684**

CR-Form-v7
<b>CHANGE REQUEST</b>
⌘ <b>34.108 CR</b> <sup>425</sup> ⌘ rev - ⌘ Current version: <b>5.4.0</b> ⌘

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

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

<b>Title:</b>	⌘ Add Default Contents of PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)		
<b>Source:</b>	⌘ 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ 31/03/05
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> 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)

<b>Reason for change:</b>	⌘ The default message content of Contents of PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD) is missing.		
<b>Summary of change:</b>	⌘ Add Default Contents of PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)		
<b>Consequences if not approved:</b>	⌘ Message can not be tested.		

<b>Clauses affected:</b>	⌘ 9.1.2										
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications Test specifications O&M Specifications	⌘
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<b>Other comments:</b>	⌘										

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

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

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

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

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

9.1.2 Default RRC Message Contents (TDD)

....

Contents of PHYSICAL CHANNEL RECONFIGURATION message: AM or UM (1.28 Mcps TDD)

...

Contents of PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)

<u>Information Element</u>	<u>Value/remark</u>	<u>Version</u>
<u>Message Type</u> <u>RRC transaction identifier</u>  <u>Integrity check info</u> <u>- Message authentication code</u>  <u>- RRC Message sequence number</u>  <u>Uplink integrity protection activation info</u> <u>CHOICE mode</u> <u>- CHOICE TDD option</u> <u>- Uplink Timing Advance</u> <u>COUNT-C activation time</u> <u>Radio bearer uplink ciphering activation time info</u> <u>Uplink counter synchronisation info</u>	<u>Checked to see if it's set to identical value of the same IE in the downlink PHYSICAL CHANNEL RECONFIGURATION message</u>  <u>This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I.</u> <u>This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.</u> <u>Not checked</u> <u>TDD</u> <u>3.84 Mcps TDD</u> <u>0</u> <u>Not checked</u> <u>Not checked</u> <u>Not checked</u>	<u>REL-4</u>

Contents of PHYSICAL CHANNEL RECONFIGURATION COMPLETE message: AM (1.28 Mcps TDD)

<u>Information Element</u>	<u>Value/remark</u>	<u>Version</u>
<u>Message Type</u> <u>RRC transaction identifier</u>  <u>Integrity check info</u> <u>- Message authentication code</u>  <u>- RRC Message sequence number</u>  <u>Uplink integrity protection activation info</u> <u>CHOICE mode</u> <u>CHOICE TDD option</u> <u>COUNT-C activation time</u> <u>Radio bearer uplink ciphering activation time info</u> <u>Uplink counter synchronisation info</u>	<u>Checked to see if it's set to identical value of the same IE in the downlink PHYSICAL CHANNEL RECONFIGURATION message</u>  <u>This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I.</u> <u>This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.</u> <u>Not checked</u> <u>TDD</u> <u>1.28 Mcps TDD</u> <u>Not checked</u> <u>Not checked</u> <u>Not checked</u>	<u>REL-4</u>

3GPP TSG R5 Meeting #27  
 Bath, England, 25<sup>th</sup> April – 29<sup>th</sup> April 2005

R5-050685

CR-Form-v7
<b>CHANGE REQUEST</b>
⌘ 34.108 CR 426 ⌘ rev - ⌘ Current version: 5.4.0 ⌘

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

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

<b>Title:</b>	⌘ Add Default Contents of TRANSPORT CHANNEL RECONFIGURATION message: AM or UM (3.84 Mcps TDD)		
<b>Source:</b>	⌘ 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ 30/03/05
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> 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)

<b>Reason for change:</b>	⌘ The default message content of Contents of TRANSPORT CHANNEL RECONFIGURATION message: AM or UM (3.84 Mcps TDD) is missing.
<b>Summary of change:</b>	⌘ Add Default Contents of TRANSPORT CHANNEL RECONFIGURATION message: AM or UM (3.84 Mcps TDD)
<b>Consequences if not approved:</b>	⌘ Message can not be tested.

<b>Clauses affected:</b>	⌘ 9.1.2										
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table>	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other core specifications Test specifications O&M Specifications	⌘
Y	N										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<input type="checkbox"/>	<input checked="" type="checkbox"/>										
<b>Other comments:</b>	⌘										

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

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

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

9.1.2 Default RRC Message Contents (TDD)

....

Contents of UE CAPABILITY INFORMATION CONFIRM message

Information Element	Value/remark
Message Type	UE CAPABILITY INFORMATION
Integrity check info	Not Present
- Message authentication code	If present, SS calculates the value of MAC-I for this message and writes to this IE. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I.
- RRC Message sequence number	If present, SS provides the value of this IE, from its internal counter.
RRC transaction identifier	Checked to see if the value is identical to the same IE in the downlink UE CAPABILITY ENQUIRY message.

Contents of TRANSPORT CHANNEL RECONFIGURATION message: AM or UM (3.84 Mcps TDD)

<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>	<u>Version</u>
<u>Message Type</u>	<u>A1, A2, A3, A4, A5, A6, A7, A8, A9, A10</u>		
<u>RRC transaction identifier</u>		<u>Arbitrarily selects an integer between 0 and 3</u>	
<u>Integrity check info</u> <u>- message authentication code</u>		<u>SS calculates the value of MAC-I for this message and writes to this IE. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I.</u>	
<u>- RRC message sequence number</u>		<u>SS provides the value of this IE, from its internal counter.</u>	
<u>Integrity protection mode info</u>		<u>Not Present</u>	
<u>Ciphering mode info</u>		<u>Not Present</u>	
<u>Activation time</u>	<u>A1, A2, A3</u>	<u>(256+CFN-(CFN MOD 8 + 8))MOD 256</u>	
<u>Activation time</u>	<u>A4, A5, A6, A7, A8, A9, A10</u>	<u>Not Present</u>	
<u>New U-RNTI</u>		<u>Not Present</u>	
<u>New C-RNTI</u>	<u>A1, A2, A3, A4, A7, A8, A9, A10</u>	<u>Not Present</u>	
<u>New C-RNTI</u>	<u>A5, A6</u>	<u>'1010 1010 1010 1010'</u>	
<u>New DSCH-RNTI</u>	<u>A1, A2, A3, A4, A5, A6, A7, A8, A9, A10</u>	<u>Not Present</u>	
<u>New H-RNTI</u>	<u>A1, A2, A3, A4, A5, A6, A7, A8, A9, A10</u>	<u>Not Present</u>	<u>REL-5</u>
<u>RRC State indicator</u>	<u>A1, A2, A3, A4</u>	<u>CELL_DCH</u>	
<u>RRC State indicator</u>	<u>A5, A6</u>	<u>CELL_FACH</u>	
<u>RRC State indicator</u>	<u>A7, A8</u>	<u>URA_PCH</u>	
<u>RRC State indicator</u>	<u>A9, A10</u>	<u>CELL_PCH</u>	
<u>UTRAN DRX cycle length coefficient</u>	<u>A1, A2, A3, A4, A5, A6</u>	<u>Not Present</u>	
<u>UTRAN DRX cycle length coefficient</u>	<u>A7, A8, A9, A10</u>	<u>3</u>	



<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>	<u>Version</u>
<a href="#">CN information info</a> <a href="#">URA identity</a> <a href="#">Downlink counter synchronisation info</a>		<a href="#">Not Present</a> <a href="#">Not Present</a> <a href="#">Not Present</a>	
<a href="#">UL Transport channel information common for all transport channels</a>	<a href="#">A1, A2, A5, A6</a>	<a href="#">Not Present</a>	
<a href="#">UL Transport channel information common for all transport channels</a> <a href="#">- PRACH TFCS</a> <a href="#">- CHOICE mode</a> <a href="#">- Individual UL CCTrCH information</a> <a href="#">- UL TFCS Identity</a> <a href="#">- TFCS ID</a> <a href="#">- Shared Channel Indicator</a> <a href="#">- UL TFCS</a> <a href="#">- CHOICE TFCI signalling</a> <a href="#">- TFCI Field 1 Information</a> <a href="#">- CHOICE TFCS representation</a> <a href="#">- TFCS complete reconfiguration information</a> <a href="#">- CHOICE CTFC Size</a>  <a href="#">- CTFC information</a>  <a href="#">- CTFC</a>  <a href="#">- Power offset information</a> <a href="#">- CHOICE Gain Factors</a>  <a href="#">- Reference TFC ID</a> <a href="#">- CHOICE Gain Factors</a>  <a href="#">- CHOICE mode</a> <a href="#">- Gain Factor <math>\beta_g</math></a> <a href="#">- Reference TFC ID</a> <a href="#">- CHOICE mode</a> <a href="#">- TFC subset</a> <a href="#">- CHOICE Subset representation</a>  <a href="#">- TFC subset list</a>	<a href="#">A3, A4</a>	<a href="#">Not Present</a> <a href="#">TDD</a>  <a href="#">1</a> <a href="#">FALSE</a>  <a href="#">Normal</a>  <a href="#">Complete reconfiguration</a>  <a href="#">Number of bits used must be enough to cover all combinations of CTFC from TS34.108 clause 6.10.3.4 Parameter Set.</a> <a href="#">This IE is repeated for TFC numbers and reference to TS34.108 clause 6. 10.3.4 Parameter Set</a> <a href="#">Reference to TS34.108 clause 6.10.3.4 Parameter Set</a>  <a href="#">Computed Gain Factors(The last TFC is set to Signalled Gain Factors)</a> <a href="#">0 Integer(0.. 3)</a> <a href="#">Signalled Gain Factors(Not Present if the CHOICE Gain Factors is set to ComputedGain Factors)</a> <a href="#">TDD</a> <a href="#">15</a> <a href="#">0 Integer(0.. 3)</a> <a href="#">TDD</a>  <a href="#">Full transport format combination set</a> <a href="#">Not Present</a>	
<a href="#">Added or Reconfigured TrCH information list</a>	<a href="#">A1, A2, A5, A6</a>	<a href="#">Not Present</a>	

Information Element	Condition	Value/remark	Version
<p>Added or Reconfigured TrCH information list</p> <ul style="list-style-type: none"> <li>- Added or Reconfigured UL TrCH information</li> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- TFS</li> <li>- CHOICE Transport channel type</li> <li>- Dynamic Transport format information</li> <li>- RLC Size</li> </ul> <p>- Number of TBs and TTI List</p> <ul style="list-style-type: none"> <li>- Transmission Time Interval</li> <li>- Number of Transport blocks</li> </ul> <p>- CHOICE Logical Channel list</p> <ul style="list-style-type: none"> <li>- Semi-static Transport Format information</li> <li>- Transmission time interval</li> </ul> <p>- Type of channel coding</p> <p>- Coding Rate</p> <p>- Rate matching attribute</p> <p>- CRC size</p> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- TFS</li> <li>- CHOICE Transport channel type</li> <li>- Dynamic Transport format information</li> <li>- RLC Size</li> <p>- Number of TBs and TTI List</p> <ul style="list-style-type: none"> <li>- Transmission Time Interval</li> <li>- Number of Transport blocks</li> </ul> <p>- CHOICE Logical Channel list</p> <ul style="list-style-type: none"> <li>- Semi-static Transport Format information</li> <li>- Transmission time interval</li> </ul> <p>- Type of channel coding</p> <p>- Coding Rate</p> <p>- Rate matching attribute</p> <p>- CRC size</p>	<p>A4</p>	<p>2 TrCHs(DCH for DCCH and DCH for DTCH)</p> <p>DCH</p> <p>5</p> <p>Dedicated transport channels</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>This IE is repeated for maxTF number</p> <p>Not Present</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>All</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>DCH</p> <p>1</p> <p>Dedicated transport channels</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>This IE is repeated for maxTF number</p> <p>Not Present</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>All</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p>	
<p>Added or Reconfigured TrCH information list</p> <ul style="list-style-type: none"> <li>- Added or Reconfigured UL TrCH information</li> <li>- Uplink transport channel type</li> <li>- UL Transport channel identity</li> <li>- TFS</li> <li>- CHOICE Transport channel type</li> <li>- Dynamic Transport format information</li> <li>- RLC Size</li> </ul> <p>- Number of TBs and TTI List</p> <ul style="list-style-type: none"> <li>- Transmission Time Interval</li> <li>- Number of Transport blocks</li> </ul> <p>- CHOICE Logical Channel list</p> <ul style="list-style-type: none"> <li>- Semi-static Transport Format information</li> </ul>	<p>A3</p> <p>1 to maxTF</p>	<p>(DCH for DTCH)</p> <p>DCH</p> <p>1</p> <p>Dedicated transport channels</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>(This IE is repeated for TF number.)</p> <p>Not Present</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>All</p>	



Information Element	Condition	Value/remark	Version
<p>Added or Reconfigured TrCH information list</p> <ul style="list-style-type: none"> <li>- Added or Reconfigured DL TrCH information</li> <li>- Downlink transport channel type</li> <li>- DL Transport channel identity</li> <li>- CHOICE DL parameters</li> <li>- Uplink transport channel type</li> <li>- UL TrCH identity</li> <li>- DCH quality target</li> <li>- BLER Quality value</li> <li>- Transparent mode signalling info</li> <li>- Downlink transport channel type</li> <li>- DL Transport channel identity</li> <li>- CHOICE DL parameters</li> <li>- TFS</li> <li>- CHOICE Transport channel type</li> <li>- Dynamic transport format information</li> <li>- RLC Size</li> </ul> <p>- Number of TBs and TTI List</p> <ul style="list-style-type: none"> <li>- Transmission Time Interval</li> <li>- Number of Transport blocks</li> </ul> <p>- Semi-static Transport Format information</p> <ul style="list-style-type: none"> <li>- Transmission time interval</li> </ul> <p>- Type of channel coding</p> <ul style="list-style-type: none"> <li>- Coding Rate</li> <li>- Rate matching attribute</li> <li>- CRC size</li> <li>- DCH quality target</li> <li>- BLER Quality value</li> </ul>	<p>A4</p>	<p>2 TrCHs(DCH for DCCH and DCH for DTCH)</p> <p>DCH</p> <p>10</p> <p>Same as UL</p> <p>DCH</p> <p>5</p> <p>-2.0 Real(-6.3..0 by step of 0.1)</p> <p>Not Present</p> <p>DCH</p> <p>6</p> <p>Explicit</p> <p>Dedicated transport channels</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>(This IE is repeated for TF number.)</p> <p>Not Present</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>-2.0</p>	
<p>Added or Reconfigured TrCH information list</p> <ul style="list-style-type: none"> <li>- Added or Reconfigured DL TrCH information</li> <li>- Downlink transport channel type</li> <li>- DL Transport channel identity</li> <li>- CHOICE DL parameters</li> <li>- TFS</li> <li>- CHOICE Transport channel type</li> <li>- Dynamic transport format information</li> <li>- RLC Size</li> </ul> <p>- Number of TBs and TTI List</p> <ul style="list-style-type: none"> <li>- Transmission Time Interval</li> <li>- Number of Transport blocks</li> </ul> <p>- Semi-static Transport Format information</p> <ul style="list-style-type: none"> <li>- Transmission time interval</li> </ul> <p>- Type of channel coding</p> <ul style="list-style-type: none"> <li>- Coding Rate</li> <li>- Rate matching attribute</li> <li>- CRC size</li> <li>- DCH quality target</li> <li>- BLER Quality value</li> <li>- Transparent mode signalling info</li> </ul>	<p>A3</p>	<p>DCH</p> <p>6</p> <p>Explicit</p> <p>Dedicated transport channels</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>(This IE is repeated for TF number.)</p> <p>Not Present</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>Reference to TS34.108 clause 6.10 Parameter Set</p> <p>-2.0</p> <p>Not Present</p>	
<p>Frequency info</p>	<p>A1, A2, A3,</p>		





<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>	<u>Version</u>
<ul style="list-style-type: none"> <li>- <a href="#">TFCS ID</a></li> <li>- <a href="#">Time info</a></li> <li>- <a href="#">Activation time</a></li> <li>- <a href="#">Duration</a></li> <li>- <a href="#">Common timeslot info</a></li> <li>- <a href="#">2nd interleaving mode</a></li> </ul>		<p><a href="#">2 Integer(1.8)</a></p> <p><a href="#">Now</a></p> <p><a href="#">Infinite</a></p> <p><a href="#">Default value is "Frame"</a></p>	
<ul style="list-style-type: none"> <li>- <a href="#">TFCI coding</a></li> <li>- <a href="#">Puncturing limit</a></li> <li>- <a href="#">Repetition period</a></li> <li>- <a href="#">Repetition length</a></li> <li>- <a href="#">Downlink DPCH timeslots and codes</a></li> <li>- <a href="#">First individual timeslot info</a></li> <li>- <a href="#">Timeslot number</a></li> <li>- <a href="#">CHOICE TDD option</a></li> </ul>		<p><a href="#">Reference to TS34.108 clause 6 Parameter set</a></p> <p><a href="#">Reference to TS34.108 clause 6 Parameter set</a></p> <p><a href="#">1</a></p> <p><a href="#">NULL</a></p> <p><a href="#">3.84 Mcps TDD</a></p>	<a href="#">REL-4</a>
<ul style="list-style-type: none"> <li>- <a href="#">Timeslot number</a></li> <li>- <a href="#">TFCI existence</a></li> <li>- <a href="#">Midamble shift and burst type</a></li> <li>- <a href="#">CHOICE TDD option</a></li> <li>- <a href="#">CHOICE <i>Burst Type</i></a></li> <li>- <a href="#">Midamble allocation mode</a></li> <li>- <a href="#">Midamble configuration</a></li> <li>- <a href="#">Midamble Shift</a></li> <li>- <a href="#">CHOICE TDD option</a></li> <li>- <a href="#">First timeslot channelisation codes</a></li> <li>- <a href="#">CHOICE codes representation</a></li> <li>- <a href="#">Channelisation codes bitmap</a></li> <li>- <a href="#">CHOICE more timeslots</a></li> <li>- <a href="#">UL CCTrCH TPC List</a></li> <li>- <a href="#">UL TPC TFCS Identity</a></li> <li>- <a href="#">TFCS ID</a></li> <li>- <a href="#">Shared Channel Indicator</a></li> <li>- <a href="#">DL CCTrCH List to Remove</a></li> <li>- <a href="#">SCCPCH Information for FACH</a></li> <li>- <a href="#">Downlink information per radio link list</a></li> <li>- <a href="#">Downlink information for each radio link</a></li> <li>- <a href="#">Choice mode</a></li> <li>- <a href="#">Primary CCPCH info</a></li> <li>- <a href="#">Choice mode</a></li> <li>- <a href="#">Choice TDD Option</a></li> <li>- <a href="#">CHOICE <i>SyncCase</i></a></li> <li>- <a href="#">Timeslot</a></li> <li>- <a href="#">Cell parameters ID</a></li> <li>- <a href="#">SCTD indicator</a></li> <li>- <a href="#">Downlink DPCH info for each RL</a></li> <li>- <a href="#">CHOICE mode</a></li> <li>- <a href="#">DL CCTrCh List</a></li> </ul>	<a href="#">A4</a>	<p><a href="#">4 OR 5 OR 6</a></p> <p><a href="#">TRUE</a></p> <p><a href="#">3.84 Mcps TDD</a></p> <p><a href="#">Type 1</a></p> <p><a href="#">Default midamble</a></p> <p><a href="#">16</a></p> <p><a href="#">Not Present</a></p> <p><a href="#">3.84 Mcps TDD</a></p> <p><a href="#">Repeated (1,2) for each channelisation code assigned in the slot to meet the needs of TS34.108 clause 6 Parameter Set. Bitmap</a></p> <p><a href="#">Reference to TS34.108 clause 6.10 Parameter Set</a></p> <p><a href="#">No more timeslots</a></p> <p><a href="#">Default (is previous list or all defined UL CCTrCHs.)</a></p> <p><a href="#">1</a></p> <p><a href="#">FALSE</a></p> <p><a href="#">Not present</a></p> <p><a href="#">Not Present</a></p> <p><a href="#">TDD</a></p> <p><a href="#">TDD</a></p> <p><a href="#">3.84 Mcps TDD</a></p> <p><a href="#">Sync Case 1</a></p> <p><a href="#">Reference clause 6.1.4 Default settings for cell 1</a></p> <p><a href="#">Ref. to the Default setting in TS34.108 clause 6.1 (TDD)</a></p> <p><a href="#">Integer(0..127)</a></p> <p><a href="#">FALSE</a></p> <p><a href="#">TDD</a></p>	<p><a href="#">REL-4</a></p> <p><a href="#">REL-4</a></p> <p><a href="#">REL-4</a></p>

<u>Information Element</u>	<u>Condition</u>	<u>Value/remark</u>	<u>Version</u>
- TFCS ID		2 Integer(1.8)	
- Time info		Now	
- Activation time		Infinite	
- Duration			
- Common timeslot info		Default value is "Frame"	
- 2nd interleaving mode		Reference to TS34.108 clause 6	
- TFCI coding		Parameter set	
- Puncturing limit		Reference to TS34.108 clause 6	
- Repetition period		Parameter set	
- Repetition length		1	
- Downlink DPCH timeslots and codes		NULL	
- First individual timeslot info			
- Timeslot number			
- CHOICE TDD option		3.84 Mcps TDD	REL-4
- Timeslot number		4 OR 5 OR 6	
- TFCI existence		TRUE	
- Midamble shift and burst type			
- CHOICE TDD option		3.84 Mcps TDD	REL-4
- CHOICE <i>Burst Type</i>		Type 1	
- Midamble allocation mode		Default midamble	
- Midamble configuration		16	
- Midamble Shift		Not Present	
- CHOICE TDD option		3.84 Mcps TDD	REL-4
- First timeslot channelisation codes		Repeated (1,2) for each channelisation code assigned in the slot to meet the needs of TS34.108 clause 6 Parameter Set.	
- CHOICE codes representation		Bitmap	
- Channelisation codes bitmap		Reference to TS34.108 clause 6.10 Parameter Set	
- CHOICE more timeslots		No more timeslots	
- UL CCTrCH TPC List		Default (is previous list or all defined UL CCTrCHs.)	
- UL TPC TFCS Identity			
- TFCS ID		1	
- Shared Channel Indicator		FALSE	
- DL CCTrCH List to Remove		Not present	
- SCCPCH Information for FACH		Not Present	
Downlink information per radio link list	A5		
- Downlink information for each radio link			
- Choice mode		TDD	
- Primary CCPCH info			
- Choice mode		TDD	
- Choice TDD Option		3.84 Mcps TDD	REL-4
- CHOICE <i>SyncCase</i>		Sync Case 1	
- Timeslot		Reference clause 6.1.4 Default settings for cell 1	
- Cell parameters ID		Ref. to the Default setting in TS34.108 clause 6.1 (TDD)	
- SCTD indicator		Integer(0..127)	
- Downlink DPCH info for each RL		FALSE	
- SCCPCH Information for FACH		Not Present	
Downlink information per radio link list	A6, A7, A8, A9, A10	Not Present	



<u>Condition</u>	<u>Explanation</u>
<u>A1</u>	<u>This IE need for "Non speech in CS"</u>
<u>A2</u>	<u>This IE need for "Speech in CS"</u>
<u>A3</u>	<u>This IE need for "Packet to CELL_DCH from CELL_DCH in PS"</u>
<u>A4</u>	<u>This IE need for "Packet to CELL_DCH from CELL_FACH in PS"</u>
<u>A5</u>	<u>This IE need for "Packet to CELL_FACH from CELL_DCH in PS"</u>
<u>A6</u>	<u>This IE need for "Packet to CELL_FACH from CELL_FACH in PS"</u>
<u>A7</u>	<u>This IE need for "Packet to URA_PCH from CELL_FACH in PS"</u>
<u>A8</u>	<u>This IE need for "Packet to URA_PCH from CELL_DCH in PS"</u>
<u>A9</u>	<u>This IE need for "Packet to CELL_PCH from CELL_FACH in PS"</u>
<u>A10</u>	<u>This IE need for "Packet to CELL_PCH from CELL_DCH in PS"</u>

Contents of TRANSPORT CHANNEL RECONFIGURATION message: AM or UM (1.28 Mcps TDD)

...

3GPP TSG R5 Meeting #27  
 Bath, England, 25<sup>th</sup> April – 29<sup>th</sup> April 2005

R5-050686

CR-Form-v7
<b>CHANGE REQUEST</b>
⌘ 34.108 CR 427 ⌘ rev - ⌘ Current version: 5.4.0 ⌘

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

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

<b>Title:</b>	⌘ Add Default Contents of TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)		
<b>Source:</b>	⌘ 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ 31/03/05
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> 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)

<b>Reason for change:</b>	⌘ The default message content of Contents of TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD) is missing.
<b>Summary of change:</b>	⌘ Add Default Contents of TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)
<b>Consequences if not approved:</b>	⌘ Message can not be tested.

<b>Clauses affected:</b>	⌘ 9.1.2										
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications Test specifications O&M Specifications	Y	N	⌘	X	⌘	X	⌘	X	⌘	
Y	N										
⌘	X										
⌘	X										
⌘	X										
<b>Other comments:</b>	⌘										

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

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

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

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

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

9.1.2 Default RRC Message Contents (TDD)

....

Contents of TRANSPORT CHANNEL RECONFIGURATION message: AM or UM (1.28 Mcps TDD)

...

Contents of TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM (3.84 Mcps TDD)

<u>Information Element</u>	<u>Value/remark</u>	<u>Version</u>
<u>Message Type</u> <u>RRC transaction identifier</u>  <u>Integrity check info</u> - <u>Message authentication code</u>  - <u>RRC Message sequence number</u>  <u>Uplink integrity protection activation info</u> <u>CHOICE mode</u> - <u>CHOICE TDD option</u> - <u>Uplink Timing Advance</u> <u>COUNT-C activation time</u> <u>Radio bearer uplink ciphering activation time info</u> <u>Uplink counter synchronisation info</u>	<u>Checked to see if it's set to identical value of the same IE in the downlink PHYSICAL CHANNEL RECONFIGURATION message</u>  <u>This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I.</u> <u>This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.</u> <u>Not checked</u> <u>TDD</u> <u>3.84 Mcps TDD</u> <u>0</u> <u>Not checked</u> <u>Not checked</u> <u>Not checked</u>	<u>REL-4</u>

Contents of TRANSPORT CHANNEL RECONFIGURATION COMPLETE message: AM (1.28 Mcps TDD)

<u>Information Element</u>	<u>Value/remark</u>	<u>Version</u>
<u>Message Type</u> <u>RRC transaction identifier</u>  <u>Integrity check info</u> - <u>Message authentication code</u>  - <u>RRC Message sequence number</u>  <u>Uplink integrity protection activation info</u> <u>CHOICE mode</u> <u>CHOICE TDD option</u> <u>COUNT-C activation time</u> <u>Radio bearer uplink ciphering activation time info</u> <u>Uplink counter synchronisation info</u>	<u>Checked to see if it's set to identical value of the same IE in the downlink PHYSICAL CHANNEL RECONFIGURATION message</u>  <u>This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I.</u> <u>This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.</u> <u>Not checked</u> <u>TDD</u> <u>1.28 Mcps TDD</u> <u>Not checked</u> <u>Not checked</u> <u>Not checked</u>	<u>REL-4</u>

3GPP TSG R5 Meeting #27  
 Bath, 25<sup>th</sup> April – 29<sup>th</sup> April 2005

R5-050956

CR-Form-v7
<b>CHANGE REQUEST</b>
34.108 CR 428 rev - Current version: 5.4.0

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

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

<b>Title:</b>	Add Default Contents of MEASUREMENT REPORT message: AM (intra/inter-frequency measurement (3.84 Mcps TDD))	
<b>Source:</b>	3GPP TSG RAN WG5 (Testing)	
<b>Work item code:</b>	TEI	<b>Date:</b> 30/03/05
<b>Category:</b>	<b>F</b>	<b>Release:</b> Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .	Use <u>one</u> 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)

<b>Reason for change:</b>	The default message content of Contents of MEASUREMENT REPORT message: AM ( intra/inter-frequency measurement (3.84 Mcps TDD)) is missing.
<b>Summary of change:</b>	Add Default Contents of MEASUREMENT REPORT message: AM ( intra/inter-frequency measurement (3.84 Mcps TDD))
<b>Consequences if not approved:</b>	Message can not be tested.

<b>Clauses affected:</b>	9.1.2				
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications <input checked="" type="checkbox"/> Test specifications <input checked="" type="checkbox"/> O&M Specifications <input checked="" type="checkbox"/>	Y	N	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N				
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
<b>Other comments:</b>					

**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.

9.1.2 Default RRC Message Contents (TDD)

....

Contents of MEASUREMENT REPORT message: AM ( intra-frequency measurement (3.84 Mcps TDD)

<u>Information Element</u>	<u>Value/remark</u>	<u>Version</u>
<p><u>Message Type</u>  <u>Integrity check info</u>  - <u>Message authentication code</u></p> <p><u>- RRC Message sequence number</u></p> <p><u>Measurement identity</u>  <u>Measured Results</u>  - <u>Intra-frequency measured results</u>  - <u>Cell measured results</u>  - <u>Cell Identity</u>  - <u>Cell synchronisation information</u>  - <u>CHOICE mode</u>  - <u>Cell parameters Id</u></p> <p>- <u>Proposed TGSN</u>  - <u>Primary CCPCH RSCP</u>  - <u>Pathloss</u>  - <u>Timeslot list</u></p> <p><u>Measured results on RACH</u>  <u>Additional measured results</u>  <u>Event results</u>  - <u>CHOICE event result</u>  - <u>Intra-frequency measurement event results</u>  - <u>Intra-frequency event identity</u>  - <u>Cell measurement event results</u>  - <u>CHOICE mode</u>  - <u>Primary CCPCH info</u>  - <u>CHOICE mode</u>  - <u>CHOICE TDD option</u>  - <u>CHOICE SyncCase</u>  - <u>Timeslot</u></p> <p>- <u>Cell parameters ID</u></p> <p>- <u>SCTD indicator</u></p>	<p><u>This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I.</u>  <u>This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value.</u>  1</p> <p><u>Checked that this IE is present</u>  <u>Checked that this IE is absent</u>  TDD  <u>Different from the Default setting in TS34.108 clause 6.1 (TDD)</u>  <u>Checked that this IE is absent</u>  <u>Checked that this IE is absent</u>  <u>Checked that this IE is absent</u>  <u>Checked that this IE is absent</u>  <u>Checked that this IE is absent</u>  <u>Checked that this IE is absent</u></p> <p><u>Intra-frequency measurement event results</u></p> <p><u>lg</u></p> <p><u>TDD</u></p> <p><u>TDD</u>  <u>3.84 Mcps TDD</u>  <u>Sync Case 1</u>  <u>Reference clause 6.1.4 Default settings for cell 1(TDD) (S/B 0)</u>  <u>Reference clause 6.1.4 Default settings for cell 1(TDD)</u>  FALSE</p>	<p><u>REL-4</u></p>

Contents of MEASUREMENT REPORT message: AM ( intra-frequency measurement ) (1.28 Mcps TDD)

Information Element	Value/remark
Message Type Integrity check info <ul style="list-style-type: none"> <li>- Message authentication code</li> <li>- RRC Message sequence number</li> </ul> Measurement identity Measured Results <ul style="list-style-type: none"> <li>- Intra-frequency measured results</li> <li>- Cell measured results                             <ul style="list-style-type: none"> <li>- Cell Identity</li> <li>- Cell synchronisation information</li> <li>- CHOICE mode                                     <ul style="list-style-type: none"> <li>- Cell parameters Id</li> </ul> </li> <li>- Proposed TGSN</li> <li>- Primary CCPCH RSCP</li> <li>- Pathloss</li> <li>- Timeslot list</li> </ul> </li> </ul> Measured results on RACH Additional measured results Event results <ul style="list-style-type: none"> <li>- CHOICE <i>event result</i> <ul style="list-style-type: none"> <li>- Intra-frequency measurement event results                             <ul style="list-style-type: none"> <li>- Intra-frequency event identity</li> <li>- Cell measurement event results                                     <ul style="list-style-type: none"> <li>- CHOICE <i>mode</i> <ul style="list-style-type: none"> <li>- Primary CCPCH info   <ul style="list-style-type: none"> <li>- CHOICE mode   <ul style="list-style-type: none"> <li>- CHOICE TDD option</li> <li>- TSTD indicator</li> </ul> </li> <li>- Cell parameters ID</li> <li>- SCTD indicator</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul>	This IE is checked to see if it is present. The value is compared against the XMAC-I value computed by SS. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I. This IE is checked to see if it is present. The value is used by SS to compute the XMAC-I value. 1  Checked that this IE is present Checked that this IE is absent TDD Different from the Default setting in TS34.108 clause 6.1 (TDD) Checked that this IE is absent Checked that this IE is absent Checked that this IE is absent Checked that this IE is absent Checked that this IE is absent Checked that this IE is absent  Intra-frequency measurement event results  lg  TDD  TDD 1.28 Mcps TDD FALSE Reference clause 6.1.4 Default settings for cell 1(TDD) FALSE





3GPP TSG-RAN WG5 Meeting #27  
 Bath, UK, 25<sup>th</sup> – 29<sup>th</sup> April 2005

Tdoc **R5-050969**

CR-Form-v7
<b>CHANGE REQUEST</b>
⌘ <b>34.108 CR 429</b> ⌘ rev - ⌘ Current version: <b>5.4.0</b> ⌘

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

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


<b>Title:</b>	⌘ Corrections to section 10.7 and GPS data file for 34.108		
<b>Source:</b>	⌘ 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ 28/04/2005
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> 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)

<b>Reason for change:</b>	⌘ <ol style="list-style-type: none"> <li>1. Current GPS data file has no version numbering which makes tracking changes impossible.</li> <li>2. Editorial errors and field name and terminology errors found.</li> <li>3. Values for Orbital Inclination in Tokyo Yuma file were wrongly given as <u>change</u> in Orbital Inclination rather than actual Orbital Inclination.</li> <li>4. GPS data file was not attached to document</li> </ol>
<b>Summary of change:</b>	⌘ <ol style="list-style-type: none"> <li>1. GPS data file given version number (V1) and renamed as GPS Data Sig V1. New annex C created to allow simple referencing to GPS data file name and version number.</li> <li>2. Editorial and field name and terminology errors corrected .</li> <li>3. Values for Orbital Inclination in Tokyo Yuma file corrected</li> <li>4. File GPS Data Sig V1.zip (attached to this CR) to be attached to TS34.108</li> </ol>
<b>Consequences if not approved:</b>	⌘ Errors persist. Errors persist in Yuma file causing confusion. GPS data file not available.

<b>Clauses affected:</b>	⌘ 10.7, new annex C, GPS data zip file										
<b>Other specs affected:</b>	<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td style="width: 20px;">⌘</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">⌘</td> <td style="width: 20px;">X</td> </tr> <tr> <td style="width: 20px;">⌘</td> <td style="width: 20px;">X</td> </tr> </table>	Y	N	⌘	X	⌘	X	⌘	X	Other core specifications Test specifications O&M Specifications	⌘
Y	N										
⌘	X										
⌘	X										
⌘	X										
<b>Other comments:</b>	⌘										

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

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

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

## 10.7 GPS Scenario and values of Information Elements for signalling testing

### 10.7.1 General

This clause defines the GPS scenario and the associated assistance data values that shall be used for all Assisted GPS signalling tests defined in 3GPP TS 34.123-1 [1] clause 17.2.

Where assistance data is required on a per-satellite basis, or where the values of the data also varies with time it is specified in comma-separated-variable files in the GPS data sig zip file ~~attached to the present document~~ [specified in annex C.1](#). These files specify the values to be used for each satellite, indexed by satellite PRN, and, where applicable, the values to be used indexed by both time and satellite PRN.

Assistance data that is marked as "time varying", and the GPS TOW msec field are only specified and used in 1 second increments. Interpolation between these values shall not be used.

The accuracy of the GPS TOW msec and assistance data that is marked as "time varying" in the provided assistance data shall be within  $\pm 2$  s relative to the GPS time in the system simulator.

Assistance data Information Elements and fields that are not specified shall not be used.

### 10.7.2 GPS Scenario

The following GPS scenario shall be used. The assistance data specified in the following clauses is consistent with this GPS scenario:

- Yuma Almanac data: see file Tokyo Yuma.txt in the GPS data sig zip file [specified in annex C.1](#) ~~attached to the present document~~.
- UE location and Reference location: static at latitude: 35 degrees 40 minutes north, longitude: 139 degrees 45 minutes east, (Tokyo) height: = 50m.
- Start time: 12th September 2003 21:30:00.
- Visible satellites simulated: PRNs: 4, 6, 9, 10, 13, 22.
- Ionospheric model: see values in clause 10.7.6.

### 10.7.3 Assistance Data Reference Time

Contents of UE positioning GPS reference time IE

#### Reference Time (Fields occurring once per message)

Parameter	Units	Value/remark
GPS Week	weeks	211
GPS TOW msec	msec	509 400 s. Start time. Add integer number of 1 seconds as required (see note)
NOTE:	This is the value in seconds of GPS TOW msec when the GPS scenario is started in the GPS simulator. The value of GPS TOW msec to be used in the Reference Time IE shall be calculated at the time the IE is required by adding the elapsed time since the time the scenario was started in the GPS simulator to this value, rounded up to the next 1 second interval. This "current GPS TOW msec" is then also used to determine the value of any other parameters marked as "Time varying" in clause 10.7.	

### 10.7.4 Assistance Data Reference Position

Contents of UE positioning GPS reference UE position IE

#### Reference Position

Parameter	Units	Value/remark
Type of Shape	Bit field	Ellipsoid point with altitude and uncertainty Ellipsoid
Degrees of latitude	degrees	+3.566666666666667 10E1
Degrees of longitude	degrees	+1.397500000000000 10E2
Altitude	m	+50
Uncertainty semi-major	m	3 000
Uncertainty semi-minor	m	3 000
Orientation of major axis	degrees	0
Uncertainty altitude	m	500
Confidence	%	68

### 10.7.5 Assistance Data Navigation Model

Contents of UE positioning GPS navigation model IE

**Navigation Model (Fields occurring once per message)** [Satellite Information](#)

Parameter	Units	Value/remark
Num_Sats_Total <a href="#">Number of Satellites</a>	---	6

**Navigation Model (Fields occurring once per satellite)**

Parameter	Units	Value/remark
SatID	---	PRNs: 4, 6, 9, 10, 13, 22.
Satellite Status	Boolean	0 (see note)
NOTE: For consistency Satellite Status is also given in file: Navigation model.csv.		

**Ephemeris and Clock Correction parameters (Fields occurring once per satellite)**

Parameter	Units	Value/remark
C/A or P on L2	Boolean	See file: Navigation model.csv
URA Index	Boolean	See file: Navigation model.csv
SV Health	Boolean	See file: Navigation model.csv
IODC	---	See file: Navigation model.csv
L2 P Data Flag	Boolean	See file: Navigation model.csv
SF 1 Reserved	---	See file: Navigation model.csv
$T_{GD}$	sec	See file: Navigation model.csv
$t_{oc}$	sec	See file: Navigation model.csv
$af_2$	sec/sec <sup>2</sup>	See file: Navigation model.csv
$af_1$	sec/sec	See file: Navigation model.csv
$af_0$	sec	See file: Navigation model.csv
$C_{rs}$	meters	See file: Navigation model.csv
$\Delta n$	semi-circles/sec	See file: Navigation model.csv
$M_0$	semi-circles	See file: Navigation model.csv
$C_{uc}$	radians	See file: Navigation model.csv
$e$	---	See file: Navigation model.csv
$C_{us}$	radians	See file: Navigation model.csv
$(A)^{1/2}$	meters <sup>1/2</sup>	See file: Navigation model.csv
$t_{oe}$	sec	See file: Navigation model.csv
Fit Interval Flag	Boolean	See file: Navigation model.csv
AODO	sec	See file: Navigation model.csv
$C_{ic}$	radians	See file: Navigation model.csv
$\text{OMEGA}_0$	semi-circles	See file: Navigation model.csv
$C_{is}$	radians	See file: Navigation model.csv
$i_0$	semi-circles	See file: Navigation model.csv
$C_{rc}$	meters	See file: Navigation model.csv
$\omega$	semi-circles	See file: Navigation model.csv
OMEGAdot	semi-circles/sec	See file: Navigation model.csv
ldot	semi-circles/sec	See file: Navigation model.csv

### 10.7.6 Assistance Data Ionospheric Model

Contents of UE positioning GPS ionospheric model IE

#### Ionospheric Model

Parameter	Units	Value/remark
$\alpha_0$	seconds	4.6566129 10E-9
$\alpha_1$	sec/semi-circle	1.4901161 10E-8
$\alpha_2$	sec/(semi-circle) <sup>2</sup>	-5.96046 10E-8
$\alpha_3$	sec/(semi-circle) <sup>3</sup>	-5.96046 10E-8
$\beta_0$	seconds	79872
$\beta_1$	sec/semi-circle	65536
$\beta_2$	sec/(semi-circle) <sup>2</sup>	-65536
$\beta_3$	sec/(semi-circle) <sup>3</sup>	-393216

### 10.7.7 Assistance Data Almanac

Contents of UE positioning GPS almanac

#### Almanac (Fields occurring once per message)

Parameter	Units	Value/remark
WN <sub>a</sub>	weeks	212
<del>Num_Sats_Total</del>	<del>---</del>	<del>24</del>

#### Satellite Information

<u>Parameter</u>	<u>Units</u>	<u>Value/remark</u>
<u>Number of Satellites</u>	<u>---</u>	<u>24</u>

#### Almanac (Fields occurring once per satellite)

Parameter	Units	Value/remark
DataID	---	See file: Almanac.csv
SatID	---	PRNs: 1 to 24
e	dimensionless	See file: Almanac.csv
t <sub>oa</sub>	sec	See file: Almanac.csv
$\delta_i$	semi-circles	See file: Almanac.csv
OMEGADOT	semi-circles/sec	See file: Almanac.csv
SV Health	Boolean	See file: Almanac.csv
A <sup>1/2</sup>	meters <sup>1/2</sup>	See file: Almanac.csv
OMEGA <sub>0</sub>	semi-circles	See file: Almanac.csv
M <sub>0</sub>	semi-circles	See file: Almanac.csv
$\omega$	semi-circles	See file: Almanac.csv
af <sub>0</sub>	seconds	See file: Almanac.csv
af <sub>1</sub>	sec/sec	See file: Almanac.csv

### 10.7.8 Assistance Data Acquisition Assistance

Contents of UE positioning GPS acquisition assistance IE

#### GPS Acquisition Assist (Fields occurring once per message)

Parameter	Units	Value/remark
-----------	-------	--------------

GPS TOW msec	msec	509 400 s. Start time. Add integer number of 1 seconds as required (see note)
Number of Satellites	---	6
NOTE: This is the value in seconds of GPS TOW msec when the GPS scenario is started in the GPS simulator. The value of GPS TOW msec to be used in the Acquisition Assistance IE shall be calculated at the time the IE is required by adding the elapsed time since the time the scenario was started in the GPS simulator to this value, rounded up to the next 1 second interval.		

Satellite Information

<u>Parameter</u>	<u>Units</u>	<u>Value/remark</u>
Number of Satellites	---	6

**GPS Acquisition Assist (Fields occurring once per satellite)**

<b>Parameter</b>	<b>Units</b>	<b>Value/remark</b>
<del>SVID/PRNID</del> SatID	---	PRNs: 4, 6, 9, 10, 13, 22.
Doppler (0 <sup>th</sup> order term)	Hz	Time varying. See file: Acquisition assist .csv (see note)
Doppler (1 <sup>st</sup> order term)	Hz/sec	Time varying. See file: Acquisition assist .csv (see note)
Doppler Uncertainty	Hz	Time varying. See file: Acquisition assist .csv (see note)
Code Phase	chips	Time varying. See file: Acquisition assist .csv (see note)
Integer Code Phase	---	Time varying. See file: Acquisition assist .csv (see note)
GPS Bit number	---	Time varying. See file: Acquisition assist .csv (see note)
Code Phase Search Window	chips	Time varying. See file: Acquisition assist .csv (see note)
Azimuth	deg	Time varying. See file: Acquisition assist .csv (see note)
Elevation	deg	Time varying. See file: Acquisition assist .csv (see note)
NOTE: This field is "Time varying" and its value depends on the "current GPS TOW msec" as described in clause 10.7.3. The value of this field to be used shall be determined by taking the "current GPS TOW msec" value and selecting the field value in the Acquisition assist.csv file corresponding to the value of "current GPS TOW msec".		

---

Next changed section



## Annex C (normative):

### C.1 GPS data files for signalling tests

The GPS data files for use in signalling tests are contained in archive [GPS Data Sig V1.zip](#) which accompanies the present document.

### C.2 GPS data files for performance tests

The GPS data files for use in signalling tests are contained in archive [TBD] which accompanies the present document.

## Annex ~~C~~D (informative): Change history

Meeting-1st-Level	Doc-1st-Level	CR	Rev	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
TP-08				Approval of the specification		2.0.0	3.0.0	
TP-09	TP-000131	001		RRC Message Contents: RLCSize	C	3.0.1	3.1.0	T1-000190
TP-09	TP-000131	002		RRC Message Contents: RLCParam	C	3.0.1	3.1.0	T1-000191
TP-09	TP-000131	003		RRC Message Contents: PCPreamble	C	3.0.1	3.1.0	T1-000192
TP-09	TP-000131	004		RRC Message Contents: RBIdentity	C	3.0.1	3.1.0	T1-000193
TP-09	TP-000131	005		RRC Message Contents: TrCHParam	C	3.0.1	3.1.0	T1-000194
TP-09	TP-000131	006		RRC Message Contents: UECapability	C	3.0.1	3.1.0	T1-000195
TP-09	TP-000131	007		RRC Message Contents: RBMapping	C	3.0.1	3.1.0	T1-000196
TP-09	TP-000131	008		RRC Message Contents: PagingCause	C	3.0.1	3.1.0	T1-000197
TP-09	TP-000131	009		RRC Message Contents: CipheringAndIntegrity	C	3.0.1	3.1.0	T1-000198
TP-09	TP-000131	010		RRC Message Contents: RLCInfo	C	3.0.1	3.1.0	T1-000199
TP-09	TP-000131	011		RRC Message Contents: CompressedMode	C	3.0.1	3.1.0	T1-000200
TP-09	TP-000131	012		RRC Message Contents: SIB	C	3.0.1	3.1.0	T1-000201
TP-09	TP-000131	013		RRC Message Contents: PhyCH	D	3.0.1	3.1.0	T1-000202
TP-09	TP-000131	014		RRC Message Contents: Measurement	C	3.0.1	3.1.0	T1-000203
TP-09	TP-000131	015		RRC Message Contents: TFCS	C	3.0.1	3.1.0	T1-000204
TP-09	TP-000131	016		RRC Message Contents: DPCHFrameOffset	C	3.0.1	3.1.0	T1-000205
TP-09	TP-000131	017		Test USIM Parameters	F	3.0.1	3.1.0	T1-000215
TP-09	TP-000131	018		Correction to definition of the test algorithm for authentication (clause 8.1.2)	F	3.0.1	3.1.0	T1-000164
TP-09	TP-000131	019		Reference Radio Bearer Configurations	F	3.0.1	3.1.0	T1-000212
TP-09	TP-000131	020		TDD Single mode	F	3.0.1	3.1.0	T1-000220
TP-10	TP-000215	021		Common generic procedure for AS testing	B	3.1.0	3.2.0	T1-000294
TP-10	TP-000215	022		Requirements for the system simulator for support of Tcell parameter	F	3.1.0	3.2.0	T1-000303
TP-10	TP-000215	023		Minimum Performance Levels	F	3.1.0	3.2.0	T1-000306
TP-10	TP-000215	024		Downlink signal conditions and propagation conditions	D	3.1.0	3.2.0	T1-000307
TP-10	TP-000215	025		Updating 34.108 v3.1.0 to TDD single mode	F	3.1.0	3.2.0	T1-000281
TP-10	TP-000215	026		Application of integrity mode protection to signalling message by default	F	3.1.0	3.2.0	T1-000296
TP-10	TP-000215	027		Updates to the default message contents in clause 9	C	3.1.0	3.2.0	T1-000282
TP-10	TP-000215	028		Updates to System Information Block (SIB) and Master Information Block (MIB) messages	C	3.1.0	3.2.0	T1-000283
TP-10	TP-000215	029		Application of ciphering during conformance testing	C	3.1.0	3.2.0	T1-000285
TP-10	TP-000215	030		Addition for System Information parameters (34.108 clause 6.1)	F	3.1.0	3.2.0	T1-000304
TP-10	TP-000215	031		Correction for Generic Setup Procedures (34.108 clause 7.2)	F	3.1.0	3.2.0	T1-000305
TP-11	TP-010018	032		Default radio conditions for multi-cell environment	F	3.2.0	3.3.0	T1-010078
TP-11	TP-010018	033		Correction for Generic Setup Procedures (34.108	F	3.2.0	3.3.0	T1-010079

Meeting-1st-Level	Doc-1st-Level	CR	Rev	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
				clause 7.2)				
TP-11	TP-010018	034		Corrections for Test USIM Parameters(34.108 clause 8)	F	3.2.0	3.3.0	T1-010080
TP-11	TP-010018	035		Correction of clause number in TS 34.108.	D	3.2.0	3.3.0	T1-010081
TP-11	TP-010018	036		Update of authentication test algorithm	C	3.2.0	3.3.0	T1-010082
TP-11	TP-010018	037		Updates to clause 9 of TS 34.108 v3.2.0	F	3.2.0	3.3.0	T1-010084
TP-11	TP-010018	038		Updating to TDD single mode	F	3.2.0	3.3.0	T1-010088
TP-11	TP-010018	039		Simulated network environments for TDD mode (SIB)	F	3.2.0	3.3.0	T1-010089
TP-12	TP-010118	040		Corrections to clause 6.10 FDD parameters	F	3.3.0	3.4.0	T1-010205
TP-12	TP-010118	041		Corrections to clause 6.10 TDD parameters	F	3.3.0	3.4.0	T1-010206
TP-12	TP-010118	042		Adding section for radio bearer configurations intended for functional testing	D	3.3.0	3.4.0	T1-010210
TP-12	TP-010118	043		Update of list of abbreviations	D	3.3.0	3.4.0	T1-010211
TP-12	TP-010118	044		Updates to clause 6.1 and 9	F	3.3.0	3.4.0	T1-010212
TP-12	TP-010118	045		Updates to clause 7.4	F	3.3.0	3.4.0	T1-010213
TP-12	TP-010118	046		clause 6.1: System Information Blocks for TDD Mode	F	3.3.0	3.4.0	T1-010214
TP-12	TP-010118	047		Editorial corrections and removal of a reference document	F	3.3.0	3.4.0	T1-010215
TP-13	TP-010215	048		Correction to reference	F	3.4.0	3.5.0	T1-010275
TP-13	TP-010215	049		Editorial modification for References	F	3.4.0	3.5.0	T1-010276
TP-13	TP-010215	050		Some corrections in clause 5	F	3.4.0	3.5.0	T1-010277
TP-13	TP-010215	051		Update to Scope Statement	F	3.4.0	3.5.0	T1-010278
TP-13	TP-010215	052		Clause 6.10 Definition of RB configurations, TDD parameters	F	3.4.0	3.5.0	T1-010279
TP-13	TP-010215	053		Updates to clause 6.1, clause 7.4 and clause 9	F	3.4.0	3.5.0	T1-010280
TP-13	TP-010215	054		Clause 6.1: Default radio conditions for Signalling tests	F	3.4.0	3.5.0	T1-010281
TP-13	TP-010215	055		Correction of Radio Bearer Configurations for FDD Mode	F	3.4.0	3.5.0	T1-010282
TP-13	TP-010215	056		Correction of Radio Bearer Configurations for TDD Mode	F	3.4.0	3.5.0	T1-010283
TP-13	TP-010215	057		Changes to Signalling Radio Bearer (SRB) numbering	F	3.4.0	3.5.0	T1-010284
TP-13	TP-010215	058		Missing bearers in tables 6.10.2.1.1 and 6.10.3.1.1	F	3.4.0	3.5.0	T1-010285
TP-13	TP-010215	059		Correction of system information block 5	F	3.4.0	3.5.0	T1-010286
TP-13	TP-010215	060		Introducing of 1.28 Mcps TDD Mode in clauses 4, 5 and 6	F	3.4.0	4.0.0	T1-010287
TP-13	TP-010215	061		Introduction of System Information Blocks for 1.28 Mcps TDD Mode	F	3.4.0	4.0.0	T1-010288
TP-13	TP-010215	062		Introduction of typical radio parameters for 1.28 McpsTDD	F	3.4.0	4.0.0	T1-010289
TP-13	TP-010215	063		Clause 6.11 RBs for RLC and PDCP testing	F	3.4.0	3.5.0	T1-010290
TP-14	TP-010285	065	1	Correction to 6.1 Contents of System Information Blocks	A	4.0.0	4.1.0	T1-010475
TP-14	TP-010285	067	1	Corrections to clause 6.1, 7.4 and 9	A	4.0.0	4.1.0	T1-010473
TP-14	TP-010258	069		Reference Radio Conditions	A	4.0.0	4.1.0	T1-010461
TP-14	TP-010258	071		Modification of Test procedures for RF tests	A	4.0.0	4.1.0	T1-010463
TP-14	TP-010258	073		Default message contents for RF tests	A	4.0.0	4.1.0	T1-010465
TP-14	TP-010258	075		Correction to 6.10 Reference Radio Bearer configurations	A	4.0.0	4.1.0	T1-010467
TP-14	TP-010258	077		Definition of default value of rate matching attribute	A	4.0.0	4.1.0	T1-010469
TP-14	TP-010258	079		Update of clause 7.4 and 6.10	A	4.0.0	4.1.0	T1-010471
TP-14	TP-010292	081		Correction on introduction of clause 6.10	A	4.0.0	4.1.0	--
TP-15	TP-020038	083		Replacement of Block STTD by Space Code Transmit Diversity (SCTD) (Rel-4)	A	4.1.0	4.2.0	T1-020092
TP-15	TP-020038	085		Update of reference radio conditions (Rel-4)	A	4.1.0	4.2.0	T1-020098
TP-15	TP-020038	087		Update of system reference configurations and default messages (Rel-4)	A	4.1.0	4.2.0	T1-020100
TP-15	TP-020038	089		Corrections to 34108-410	A	4.1.0	4.2.0	T1-020102
TP-15	TP-020038	091		Introduction of new Reference RABs (Rel-4)	A	4.1.0	4.2.0	T1-020195
TP-15	TP-020038	094		Update of SIBs for TDD (both modes) in TS 34.108 (Rel4)	F	4.1.0	4.2.0	T1-020107
TP-15	TP-020038	095		Clarification of bit rate of Interactive/Background PS RAB function (Rel-4)	A	4.1.0	4.2.0	T1-020184
				Correction of CR implementation errors in clauses: 6.10.2.2 and 6.10.2.4.1.58.2.1.1		4.2.0	4.2.1	
TP-16	TP-020141	108		Clause 7(reference) Update of generic setup procedures to use 13.6 kbps SRB in RRC connection establishment TDD (3.84 Mcps and 1.28 Mcps)	F	4.2.1	4.3.0	T1-020289
TP-16	TP-020141	109		Correction to clause 7.3.3.4 RADIO BEARER SETUP message	A	4.2.1	4.3.0	T1-020291
TP-16	TP-020141	110		Change of RM attribute of DL:3.4 kbps SRBs for DCCH in for REL4	A	4.2.1	4.3.0	T1-020292
TP-16	TP-020141	111		New additional RAB configuration ( R1-020669) for REL4	A	4.2.1	4.3.0	T1-020293

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TP-16	TP-020141	112		Correction of Puncturing Limit for RABs for Rel4	A	4.2.1	4.3.0	T1-020294
TP-16	TP-020141	113		Test USIM	A	4.2.1	4.3.0	T1-020295
TP-16	TP-020141	114		Clause 6.1 (SIBs)Rel 4 (3.84 Mcps and 1.28 Mcps TDD)	F	4.2.1	4.3.0	T1-020296
TP-16	TP-020141	115		Clause 6.10 References for TDD about Clarification of bit rate of Interactive/Background PS RAB	A	4.2.1	4.3.0	T1-020297
TP-16	TP-020141	116		Correction to default message in clause 9 for Rel4	A	4.2.1	4.3.0	T1-020298
TP-16	TP-020141	117		Correction to clause 6.1 for Rel4	A	4.2.1	4.3.0	T1-020299
TP-16	TP-020141	118		WCDMA1800 additions for Rel4	A	4.2.1	4.3.0	T1-020300
TP-16	TP-020141	119		Clause 9.1 Default message contents for TDD ( 3.84 Mcps and 1.28 Mcps) R4	F	4.2.1	4.3.0	T1-020301
TP-16	TP-020141	121		Update of generic setup procedures to use 13.6 kbps SRB in RRC connection establishment	A	4.2.1	4.3.0	T1-020434
TP-17	TP-020184	123	-	Alignment of reference configurations on S-CCPCH with default system information messages	A	4.3.0	4.4.0	T1-020503
TP-17	TP-020184	125	-	Addition of reference compressed mode pattern	A	4.3.0	4.4.0	T1-020505
TP-17	TP-020184	127	-	Corrections to default message contents as T1S-020347rev1	A	4.3.0	4.4.0	T1-020507
TP-17	TP-020184	129	-	Additional default message contents for RF Testing	A	4.3.0	4.4.0	T1-020509
TP-17	TP-020184	131	-	Corrections related to SIB11, SIB12 and to the MEASUREMENT CONTROL message	A	4.3.0	4.4.0	T1-020527
TP-17	TP-020184	133	-	Corrections to clause 6.1 (T1S-020349rev1)	A	4.3.0	4.4.0	T1-020530
TP-17	TP-020184	135	-	Introduction of reference configurations on S-CCPCH and PRACH with two interactive PS domain RABs	A	4.3.0	4.4.0	T1-020539
TP-17	TP-020184	137	-	Removal of reference radio bearer configurations for unidirectional streaming CS RABa above 64 kbps	A	4.3.0	4.4.0	T1-020541
TP-17	TP-020184	140	-	Some corrections and updates in clause 6.1 for TDD mode	F	4.3.0	4.4.0	T1-020576
TP-17	TP-020184	142	-	Inclusion of default message contents for RF in clause 9.2 for TDD mode	F	4.3.0	4.4.0	T1-020578
TP-18	TP-020293	144	-	Correction to default messages in 9.1 and 9.2	A	4.4.0	4.5.0	T1-020658
TP-18	TP-020293	146	-	Corrections in the TDD test frequencies according to core specs	A	4.4.0	4.5.0	T1-020674
TP-18	TP-020293	148	-	Addition of alternative configuration using Turbo Coding for Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	A	4.4.0	4.5.0	T1-020694
TP-18	TP-020293	150	-	Correction to content of clause 6.10.2.	A	4.4.0	4.5.0	T1-020709
TP-18	TP-020293	152	-	Correction to SIB 11/12 definition	A	4.4.0	4.5.0	T1-020712
TP-18	TP-020293	154	-	Reference Measurement Channels	A	4.4.0	4.5.0	T1-020768
TP-18	TP-020293	156	-	Transferring system information definition using ASN.1 description to PRD	A	4.4.0	4.5.0	T1-020778
TP-18	TP-020293	158	-	Correction to RLC RAB TFCS	A	4.4.0	4.5.0	T1-020780
TP-18	TP-020293	160	-	Default Message contents : Correction from CRs approved in RP17meeting	A	4.4.0	4.5.0	T1-020783
TP-18	TP-020293	162	-	Corrections to SIB1 to SIB6	A	4.4.0	4.5.0	T1-020799
TP-18	TP-020293	164	-	Correction to RAB configurations as revision of T1S020756	A	4.4.0	4.5.0	T1-020801
TP-18	TP-020293	166	-	Parameter addition for Reference RABs based on LS from RAN2	A	4.4.0	4.5.0	T1-020803
TP-18	TP-020293	168	-	Addition to clause 7.4 for multi call as T1S-020577rev2 (revision to T1S020820)	A	4.4.0	4.5.0	T1-020818
TP-18	TP-020293	169	-	RAB Combinations for IMS Services	F	4.4.0	4.5.0	T1-020819
TP-18	TP-020293	171	-	Correction to Contents of the Scheduling Block System Information in clause 6.1.3.	F	4.4.0	4.5.0	T1-020844
TP-19	TP-030044	173	-	RAB Removal from Rel 4 TS 34.108 as T1S030002rev1	A	4.5.0	4.6.0	T1-030037
TP-19	TP-030044	175	-	Combine all Radio Bearer Setup messages into one table	A	4.5.0	4.6.0	T1-030040
TP-19	TP-030044	177	-	Corrections to SB and SIB configurations in clause 6.1 as T1S030046rev1	A	4.5.0	4.6.0	T1-030042
TP-19	TP-030044	179	-	Correction to TS 34.108 Rel-4 ; PAGING TYPE1 message (Packet in PS)	A	4.5.0	4.6.0	T1-030044
TP-19	TP-030044	181	-	Clarification of authentication test algorithm and GSM cipher key	A	4.5.0	4.6.0	T1-030046
TP-19	TP-030044	183	-	Addition of simulated network environment for inter-RAT test cases	A	4.5.0	4.6.0	T1-030048
TP-19	TP-030044	185	-	Corrections to SIB1 to align with default values for LAC and RAC in 51.010-1.	A	4.5.0	4.6.0	T1-030050
TP-19	TP-030044	187	-	Addition of default inter-RAT handover messages	A	4.5.0	4.6.0	T1-030052
TP-19	TP-030044	189	-	Correction of activation time IEs in default messages	A	4.5.0	4.6.0	T1-030054
TP-19	TP-030044	191	-	Correction to default SECURITY MODE COMMAND message	A	4.5.0	4.6.0	T1-030056
TP-19	TP-030044	193	-	Addition of option for UL CM only in default reference CM patterns	A	4.5.0	4.6.0	T1-030058

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TP-19	TP-030044	195	-	Introduction of a reference RB configuration for RMC for BTFD tests (Rel4)	A	4.5.0	4.6.0	T1-030060
TP-19	TP-030044	197	-	Update of the RRC connection request messages in 34.108 Rel4	A	4.5.0	4.6.0	T1-030063
TP-19	TP-030043	198	-	Introduction of Conversational PS RABs in Rel 4 TS 34.108 as T1S030003rev1	F	4.5.0	4.6.0	T1-030107
TP-19	TP-030043	200	-	Update of default parameters for 1 to 8 cell environments (TDD), clause 6.1.4, Rel 4	A	4.5.0	4.6.0	T1-030208
TP-19	TP-030043	202	-	Update of Multi-cell environment for default radio conditions (TDD), clause 6.1.6 (Inclusion of cell 4), Rel 4	A	4.5.0	4.6.0	T1-030210
TP-19	TP-030043	204	-	Modification to Generic Registration Procedures	A	4.5.0	4.6.0	T1-030222
TP-19	TP-030043	206	-	Update of default configurations to enable testing of low end UE	A	4.5.0	4.6.0	T1-030228
TP-20	TP-030098	208	-	Reinstate parameters for Interactive or background /UL:64 kbps / PS RAB	A	4.6.0	4.7.0	T1-030437
TP-20	TP-030098	210	-	Correction to Figure 7.4.1.1 (Rel-4)	A	4.6.0	4.7.0	T1-030483
TP-20	TP-030098	212	-	Update of SIB 11 and 12 in clause 6.1.0b in TS 34.108 (TDD)	A	4.6.0	4.7.0	T1-030507
TP-20	TP-030098	214	-	Update of Default parameters for 1 to 8 cell environments in TS 34.108 (TDD)	A	4.6.0	4.7.0	T1-030509
TP-20	TP-030098	216	-	Correction of default messages according to 25331 CR1823	A	4.6.0	4.7.0	T1-030632
TP-20	TP-030098	218	-	Clause 8.2: Definition of default values for authentication key K on test USIM	A	4.6.0	4.7.0	T1-030644
TP-20	TP-030098	219	-	Update of Reconfiguration messages	A	4.6.0	4.7.0	T1-030692
TP-20	TP-030098	221	-	Correction to RADIO BEARER RELEASE and RRC CONNECTION SETUP messages (Revision of T1-030569)	A	4.6.0	4.7.0	T1-030699
TP-20	TP-030140	226	-	Correction to default SIB5 (FDD)	A	4.6.0	4.7.0	T1-030745
TP-21	TP-030191	228	-	CR to 34.108, Rel-4, Clarification of seg_count in 6.1.0a.3	A	4.7.0	4.8.0	T1-030827
TP-21	TP-030191	230	-	General correction in clause 7.4 for Common generic procedures for AS testing	A	4.7.0	4.8.0	T1-030976
TP-21	TP-030191	233	-	Incorrect activation time in CELL_FACH state .	A	4.7.0	4.8.0	T1-031064
TP-21	TP-030191	235	-	Incorrect Transport channel Parameters	A	4.7.0	4.8.0	T1-031066
TP-21	TP-030191	237	-	Corrections to TS 34.108 common procedures in clause 7.4 of Rel-4 of TS 34.108	A	4.7.0	4.8.0	T1-031095
TP-21	TP-030191	239	-	Removal of RLC AM in the Default Message Content	A	4.7.0	4.8.0	T1-031151
TP-21	TP-030191	242	-	CR 34.108 Rel-4: Manual attach in State 7 Registered Idle Mode on CS/PS	A	4.7.0	4.8.0	T1-031175
TP-21	TP-030191	244	-	URA Identity in Cell Update Confirm and URA Update Confirm	A	4.7.0	4.8.0	T1-031179
TP-21	TP-030191	246	-	CR to 34.108 R4; Correction to specification to reflect a change already approved in TTCN CR T1-030396	A	4.7.0	4.8.0	T1-031241
TP-21	TP-030191	248	-	CR to 34.108 REL-4; Correction to clause 7.3 Test procedures for RF test	A	4.7.0	4.8.0	T1-031251
TP-21	TP-030191	240	-	RB configuration for the support of wideband AMR speech telephony services	F	4.7.0	4.8.0	T1-031154
TP-22	TP-030279	251	1	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1-031659
TP-22	TP-030279	252	1	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1-031660
TP-22	TP-030279	253	1	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1-031661
TP-22	TP-030279	254	1	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1-031662
TP-22	TP-030279	255	1	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1-031663
TP-22	TP-030279	256	1	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1-031664
TP-22	TP-030279	257	1	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1-031665
TP-22	TP-030279	258	1	Addition of Default message contents for TDD	F	4.8.0	4.9.0	T1-031666
TP-22	TP-030279	260	2	CR on PAGING TYPE 1, RRC CONNECTION REQUEST and RRC CONNECTION SETUP messages for MT RR Connection	A	4.8.0	4.9.0	T1-031596
TP-22	TP-030279	262	1	CR 34.108 Rel-4: EFRPLMNACT (RPLMN Last used Access Technology) removed	A	4.8.0	4.9.0	T1-031381
TP-22	TP-030279	264	1	Update of default messages for RRC CONNECTION SETUP and SECURITY MODE COMMAND	A	4.8.0	4.9.0	T1-031547
TP-22	TP-030279	266	1	Description and corrections of channels for minimum performance levels, TDD mode.	F	4.8.0	4.9.0	T1-031645
TP-22	TP-030279	268	1	Test frequencies of UMTS800MHz band VI	A	4.8.0	4.9.0	T1-031555
TP-22	TP-030279	269	1	CR 34.108 Rel-4: Addition of Bearer combination for Interactive/background UL 64 kbps DL 768 kbps for Rel-5	F	4.8.0	4.9.0	T1-031441
TP-22	TP-030279	271	1	Update of generic test procedure for TX, RX and Performance Requirement	A	4.8.0	4.9.0	T1-031610
TP-22	TP-030279	273	1	Introduction of generic test procedure for RRM	A	4.8.0	4.9.0	T1-031608

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				handover test cases				
TP-22	TP-030279	275		Correction of CM TGD parameter	A	4.8.0	4.9.0	T1-031591
TP-22	TP-030279	277		Corrections to default message contents of Radio Bearer Release	F	4.8.0	4.9.0	T1-031594
TP-22	TP-030279	279	1	Modification to default DPCH_Power_offset value	A	4.8.0	4.9.0	T1-031598
TP-22	TP-030279	283		Correction of TFCS for radio bearer combination 6.10.2.4.1.51b	A	4.8.0	4.9.0	T1-031527
TP-23	TP-040037	284	-	New Radio Bearer Setup (FDD) message for RF (Revision of T1-040258)	F	4.9.0	4.10.0	T1-040417
TP-23	TP-040037	287	-	Corrections to default message contents of RRC Connection Setup message -> 2nd change not implemented (not implementable)	A	4.9.0	4.10.0	T1-040080
TP-23	TP-040037	289	-	Correction to Default parameters for Cells 1 to 8 in MultiPLMN cell environments - Rel-4	A	4.9.0	4.10.0	T1-040095
TP-23	TP-040037	291	-	Corrections to TDD HCR RABs	A	4.9.0	4.10.0	T1-040103
TP-23	TP-040037	296	-	LCR Corrections to TDD RABs merge of T1-040104 , T1-040201 and T1-040203	F	4.9.0	4.10.0	T1-040299
TP-23	TP-040037	298	-	Correction to handling of Entered Parameter IE in default contents for Initial Direct Transfer	A	4.9.0	4.10.0	T1-040411
TP-23	TP-040037	300	-	The diverse operation in TDD mode updating according to the core specification	A	4.9.0	4.10.0	T1-040368
TP-23	TP-040037	302	-	correction of measurement control default message contents for TDD -> Not implemented (not implementable)	F	4.9.0	4.10.0	T1-040370
TP-23	TP-040037	303	-	correction of RADIO BEARER SETUP default message contents for 1.28 Mcps TDD	F	4.9.0	4.10.0	T1-040371
TP-23	TP-040037	304	-	Correction of RADIO BEARER RELEASE default message contents for TDD: AM or UM (1.28 Mcps TDD)	F	4.9.0	4.10.0	T1-040372
TP-23	TP-040037	305	-	Contents of RRC CONNECTION SETUP message: UM (Transition to CELL_DCH) (1.28 Mcps TDD) -> Not implemented (not implementable)	F	4.9.0	4.10.0	T1-040373
TP-23	TP-040037	292	-	New I/B UL:64 DL:768 kbps PS RAB misplaced	F	4.10.0	5.0.0	T1-040109
TP-23	TP-040037	294	-	Generic setup procedure and default message contents for HSDPA (as of T1-040069rev1)	F	4.10.0	5.0.0	T1-040271
TP-23	TP-040037	295	-	Baseline radio bearer combination for HSDPA support	B	4.10.0	5.0.0	T1-040273
TP-24	TP-040112	308	-	Correction to IEs "START" and "ul_CounterSynchronisationInfo".	F	5.0.0	5.1.0	T1-040512
TP-24	TP-040112	309	-	Correction to HSDPA reference radio bearer configurations	F	5.0.0	5.1.0	T1-040522
TP-24	TP-040112	310	-	Addition of test procedure for HSDPA RF testing	F	5.0.0	5.1.0	T1-040546
TP-24	TP-040112	315	-	Corrections to default RRC messages	F	5.0.0	5.1.0	T1-040593
TP-24	TP-040112	318	-	Change of default LAC/RAC for inter-RAT test cases	A	5.0.0	5.1.0	T1-040656
TP-24	TP-040112	319	-	Contents of Physical channel Reconfiguration message modified to incorporate transition to URA_PCH or CELL_PCH	F	5.0.0	5.1.0	T1-040673
TP-24	TP-040112	320	-	Correction of reference test frequencies for UMTS800(band VI)	F	5.0.0	5.1.0	T1-040701
TP-24	TP-040112	325	-	Update of generic setup procedures in clauses 7.3.4 and 7.3.5.	A	5.0.0	5.1.0	T1-040754
TP-24	TP-040112	326	-	Physical channel parameters for AM RLC 7 bit Length Indicator TestCases (Rel-5)	F	5.0.0	5.1.0	T1-040902
TP-24	TP-040112	327	-	Corrections to the default contents of Security Mode Command (Rel-5)	F	5.0.0	5.1.0	T1-040903
TP-24	TP-040112	330	-	Corrections to Contents of Scheduling Block 1 (FDD)	F	5.0.0	5.1.0	T1-040909
TP-24	TP-040112	331	-	Corrections to Contents of PHYSICAL CHANNEL RECONFIGURATION message: AM or UM	F	5.0.0	5.1.0	T1-040911
TP-24	TP-040112	332	-	Corrections to Contents of RRC CONNECTION SETUP message: UM	F	5.0.0	5.1.0	T1-040913
TP-24	TP-040112	333	-	RADIO BEARER SETUP message (FDD) for Test Loop Mode2.	F	5.0.0	5.1.0	T1-040917
TP-24	TP-040112	335	-	Changes to establish one version of 34.108 covering all releases	A	5.0.0	5.1.0	T1-040931
TP-24	TP-040112	338	-	Addition of generic test procedure for AS test cases using the test loop	A	5.0.0	5.1.0	T1-040934
TP-24	TP-040112	339	-	Corrections to LCR TDD RABs	F	5.0.0	5.1.0	T1-040935
TP-25	TP-040157	343	-	Correction to generic test procedure in clause 7.4.2.6a.	F	5.1.0	5.2.0	T1-041040
TP-25	TP-040157	344	-	Addition of default messages for Signalling (FDD)	F	5.1.0	5.2.0	T1-041044
TP-25	TP-040157	345	-	Minor change to terminology in SRB tables of clause 6.10	F	5.1.0	5.2.0	T1-041140
TP-25	TP-040157	346	-	Default Message Content for System Information Block type 5 (FDD) and type 6 (FDD)	F	5.1.0	5.2.0	T1-041154

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TP-25	TP-040157	347	-	Corrections to DCCH Transport channel Parameters for HSDPA RAB	D	5.1.0	5.2.0	T1-041171
TP-25	TP-040157	348	-	Corrections to clause 9	F	5.1.0	5.2.0	T1-041223
TP-25	TP-040157	349	-	Corrections to HCR TDD RAB combinations	F	5.1.0	5.2.0	T1-041235
TP-25	TP-040157	350	-	Adding missing clause 6.10.2.4.1.62.1	F	5.1.0	5.2.0	T1-041252
TP-25	TP-040157	351	-	Modification of AICH power offset in SysInfo 5 and 6.	F	5.1.0	5.2.0	T1-041253
TP-25	TP-040157	352	-	Correction to Default Message Content for Radio Bearer Setup Message.	F	5.1.0	5.2.0	T1-041259
TP-25	TP-040157	353	-	Correction to Default Message Content for Radio Bearer Reconfiguration Message for Condition A6	F	5.1.0	5.2.0	T1-041266
TP-25	TP-040157	354	-	CR to 34.108: introduction of default RB SETUP message from cell_FACH state for HSDPA	F	5.1.0	5.2.0	T1-041298
TP-25	TP-040157	355	-	Corrections to Contents of RADIO BEARER SETUP message: BTFD RMC	F	5.1.0	5.2.0	T1-041317
TP-25	TP-040157	340	-	Resolution of downlink code conflict between OCNS DPCH and S-CCPCH	F	5.1.0	5.2.0	T1-041327
TP-25	TP-040157	361	-	Correction to test procedure for test cases using Cell_PCH or URA_PCH state	F	5.1.0	5.2.0	T1-041346
TP-25	TP-040157	362	-	Removal of DCCH dummy transmission for RF testing	F	5.1.0	5.2.0	T1-041350
TP-25	TP-040157	341	-	Correct title to test procedure for test cases using Cell_PCH or URA_PCH state	F	5.1.0	5.2.0	T1-041354
TP-25	TP-040157	363	-	Addition of intra frequency cell to cell environments	F	5.1.0	5.2.0	T1-041356
TP-25	TP-040157	342	-	Correct primary scrambling code usage in default message contents in clause 9.2.1	F	5.1.0	5.2.0	T1-041365
TP-25	TP-040157	356	-	HSDPA downlink code allocation	F	5.1.0	5.2.0	T1-041374
TP-25	TP-040157	357	-	Correction to test procedure for test cases using CELL_FACH state	F	5.1.0	5.2.0	T1-041376
TP-25	TP-040157	358	-	Varying DPCH Power Offset according to data transmission rate	F	5.1.0	5.2.0	T1-041416
TP-25	TP-040157	359	-	Corrections to default message for RADIO BEARER SETUP message in clause 9.2.1 (HSDPA RF)	F	5.1.0	5.2.0	T1-041418
TP-25	TP-040157	360	-	Test SIB schedule for two S-CCPCH or two PRACH in 34.108	F	5.1.0	5.2.0	T1-041422
TP-25	TP-040157	364	-	Correction to Default Message Content for Radio Bearer Setup Message re: RM Attribute values	F	5.1.0	5.2.0	T1-041433
TP-26	TP-040233	365	-	CR to 34.108 Rel-5: Correction to default value of Qrxlevmin	F	5.2.0	5.3.0	T1-041532
TP-26	TP-040233	366	-	CR to 34.108 Rel-5: Corrections of the values in 6.11.5.4 for LCR TDD	F	5.2.0	5.3.0	T1-041573
TP-26	TP-040233	367	-	Alignment of Prose to TTCN for SCH power level	F	5.2.0	5.3.0	T1-041584
TP-26	TP-040233	368	-	Addition of new HSDPA RAB configurations with UL 64 kbps	F	5.2.0	5.3.0	T1-041651
TP-26	TP-040233	369	-	Correction to initial conditions and references in clause 7.3	F	5.2.0	5.3.0	T1-041654
TP-26	TP-040233	370	-	Introduction of reference radio bearer combination for PS streaming and downlink rate up to 128 kbps	F	5.2.0	5.3.0	T1-041685
TP-26	TP-040233	371	-	Correction of clause 6.1 (Simulated network environment)	F	5.2.0	5.3.0	T1-041686
TP-26	TP-040233	372	-	Correction to generic Call Setup procedure for mobile terminating circuit switched calls	F	5.2.0	5.3.0	T1-041699
TP-26	TP-040233	373	-	CR to 34.108 Rel-5; Corrections to the default RADIO BEARER SETUP message for HSDPA	F	5.2.0	5.3.0	T1-041754
TP-26	TP-040233	374	-	Physical layer multiplexing configuration in case of AMR and two PS RABs	F	5.2.0	5.3.0	T1-041801
TP-26	TP-040233	375	-	Addition of new HSDPA RAB configurations	F	5.2.0	5.3.0	T1-041802
TP-26	TP-040233	376	-	Introduction of information for tests for Performance requirements for A-GPS.	B	5.2.0	5.3.0	T1-041850
TP-26	TP-040233	377	-	Introduction of UMTS-850 MHz band V	F	5.2.0	5.3.0	T1-041874
TP-26	TP-040233	378	-	CR to TS 34.108 Rel-5; Adding a new test condition for RADIO BEARER RELEASE Procedure (Revision of T1-041716).	F	5.2.0	5.3.0	T1-041933
TP-26	TP-040233	379	-	Update of Reference Radio Bearer for Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB for DL SF=256	F	5.2.0	5.3.0	T1-041942
TP-26	TP-040233	380	-	CR to 34.108: Correction to the maximum bit rate for HS-PDSCH	F	5.2.0	5.3.0	T1-041943
TP-26	TP-040233	381	-	Alignment of Prose to TTCN for RRC Connection Release (Cell DCH state) and RRC Connection Setup Message (Cell FACH State).	F	5.2.0	5.3.0	T1-041965
TP-27	TP-050032	382	-	Updates from core specification changes	F	5.3.0	5.4.0	T1-050095
TP-27	TP-050032	383	-	Correction to Hand over test procedure in CELL_DCH	F	5.3.0	5.4.0	T1-050350

Meeting-1st-Level	Doc-1st-Level	CR	Rev	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
TP-27	TP-050032	384	-	CR to 34.108: Changes to test frequencies for UMTS 850 Band	B	5.3.0	5.4.0	T1-050380
TP-27	TP-050032	385	-	Correction to default SIB configurations	F	5.3.0	5.4.0	T1-050019
TP-27	TP-050032	386	-	Editorial corrections in HSDPA RAB configurations 6.10.2.4.5.2 and 6.10.2.4.5.4.	D	5.3.0	5.4.0	T1-050052
TP-27	TP-050032	387	-	CR to 34.108 Rel-5: Update to the contents of PHYSICAL CHANNEL RECONFIGURATION message for 1.28 Mcps TDD	F	5.3.0	5.4.0	T1-050064
TP-27	TP-050032	388	-	CR to 34.108 Rel-5: Update to the contents of TRANSPORT CHANNEL RECONFIGURATION message for 1.28 Mcps TDD	F	5.3.0	5.4.0	T1-050065
TP-27	TP-050032	389	-	CR to 34.108 Rel-5: Update to the contents of RRC CONNECTION REQUEST message for TDD	F	5.3.0	5.4.0	T1-050066
TP-27	TP-050032	390	-	Correction to the HSDPA RB Identity in Radio Bearer Setup & Radio Bearer Release message contents	F	5.3.0	5.4.0	T1-050072
TP-27	TP-050032	391	-	CR to TS 34.108 v5.3.0 - Correction to Default RADIO BEARER RELEASE message (FDD)	F	5.3.0	5.4.0	T1-050202
TP-27	TP-050032	392	-	Addition of reference radio bearer configuration for MAC-hs testing	F	5.3.0	5.4.0	T1-050239
TP-27	TP-050032	393	-	CR to 34.108 Rel-5: Update to the contents of RRC CONNECTION REQUEST message for TDD	F	5.3.0	5.4.0	T1-050295
TP-27	TP-050032	394	-	CR to 34.108 Rel-5: Update to the contents of Default System Information Block Messages for TDD	F	5.3.0	5.4.0	T1-050296
TP-27	TP-050032	395	-	CR to 34.108 Rel-5: Add the contents of SIB 5 & 6 for HCR TDD	F	5.3.0	5.4.0	T1-050297
TP-27	TP-050032	396	-	Correction to TFCS ordering	F	5.3.0	5.4.0	T1-050451r1
TP-27	TP-050032	397	-	Addition of GPS scenario and A-GPS assistance data values for signalling tests to 34.108	F	5.3.0	5.4.0	T1-050458
TP-27	TP-050032	398	-	CR to TS 34.108 Rel-5; Correction to the physical channel parameters (Revision of T1-050176)	F	5.3.0	5.4.0	T1-050469

3GPP TSG-RAN5 Meeting #27  
 Bath, UK, 25<sup>th</sup> – 29<sup>th</sup> April 2005

Tdoc **R5-050879**

CR-Form-v7
<b>CHANGE REQUEST</b>
⌘ <b>34.108 CR 430</b> ⌘ rev - ⌘ Current version: <b>5.4.0</b> ⌘

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

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

<b>Title:</b>	⌘ Correction to RADIO BEARER SETUP message for HSDPA RF testing		
<b>Source:</b>	⌘ 3GPP TSG RAN WG5 (Testing)		
<b>Work item code:</b>	⌘ TEI	<b>Date:</b>	⌘ 19/05/2005
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	Use <u>one</u> of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .		Use <u>one</u> 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)


<b>Reason for change:</b>	⌘ 1) The existing radio bearer setup message does not fulfill the requirements in 34.121 Annex E.5 (inherited from 25.101). 2) Existing radio bearer setup message does not serve for reliable uplink power on DCH, which is necessary for HSDPA -TX tests.
<b>Summary of change:</b>	⌘ The RAB configuration in the RB setup message is modified to align with the requirements in TS 25.101. The configuration includes on downlink DCCH, CS RMC TM 12.2 and HSDPA UM. On uplink the configuration includes DCCH and CS RMC TM 12.2 . The test loop mode 1 is used.
<b>Consequences if not approved:</b>	⌘ HSDPA-RF tests are not possible or not compliant with 25.101.

<b>Clauses affected:</b>	⌘ 9.2.1										
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> </tr> </table>	Y	N		X	X			X	Other core specifications	⌘ TS 34.121
	Y	N									
		X									
X											
	X										
Test specifications											
O&M Specifications											
<b>Other comments:</b>	⌘ Applicable for terminals supporting HSDPA in Rel-5 and later. This CR has been approved on the RAN5 e-mail reflector as R5-050741r2.doc										

**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>

## 9.2 Default Message Contents for RF

This clause contains the default values of common messages for RF test. The parameters of the UL/DL reference measurement channel 12.2 kbps, the DL reference measurement channel for BTFD, UE test loop mode 1 without Dummy DCCH transmission and UE test loop mode 2 with Dummy DCCH transmission are set to default message contents.

### 9.2.1 Default Message Contents for RF (FDD)

<Unchanged message contents are skipped>

Contents of RADIO BEARER SETUP message: ~~AM or UM~~ (HSDPA testing) (TM CS plus UM PS)

Information Element	Value/remark	Version
Message Type		
RRC transaction identifier	Arbitrarily selects an integer between 0 and 3	
Integrity check info		
- message authentication code	SS calculates the value of MAC-I for this message and writes to this IE. The first/ leftmost bit of the bit string contains the most significant bit of the MAC-I.	
- RRC message sequence number	SS provides the value of this IE, from its internal counter.	
Integrity protection mode info	Not Present	
Ciphering mode info	Not Present	
Activation time	Not Present	
New U-RNTI	Not Present	
New C-RNTI	Not Present	
New DSCH-RNTI	Not Present	
New H-RNTI	'1010 1010 1010 1010'	REL-5
RRC State indicator	CELL_DCH	
UTRAN DRX cycle length coefficient	Not Present	
CN information info	Not Present	
URA identity	Not Present	
Signalling RB information to setup	Not Present	
RAB information for setup list		
- RAB information for setup		
- RAB info	(high-speed <del>AM-UM</del> DTCH for PS domain)	
- RAB identity	0000 0110B The first/ leftmost bit of the bit string contains the most significant bit of the RAB identity.	
- CN domain identity	PS domain	
- NAS Synchronization Indicator	Not Present	
- Re-establishment timer	UseT315	
- RB information to setup		
- RB identity	25	
- PDCP info	<u>Not Present</u>	
<del>Support for lossless SRNS relocation</del>	<del>FALSE</del>	
<del>Max PDCP SN window size</del>	<del>Not present</del>	
<del>PDCP PDU header</del>	<del>Absent</del>	
<del>Header compression information</del>	<del>Not present</del>	
- CHOICE RLC info type	RLC info	
- CHOICE Uplink RLC mode	<u>Not present</u> AM-RLC	
<del>Transmission RLC discard</del>		
<del>CHOICE SDU discard mode</del>	<del>No Discard</del>	
<del>MAX_DAT</del>	<del>15</del>	
<del>Transmission window size</del>	<del>128</del>	
<del>Timer_RST</del>	<del>500</del>	
<del>Max_RST</del>	<del>4</del>	
<del>Polling info</del>		
<del>Timer_poll_prohibit</del>	<del>100</del>	
<del>Timer_poll</del>	<del>100</del>	

Information Element	Value/remark	Version
<del>Poll_PDU</del>	Not Present	
<del>Poll_SDU</del>	4	
<del>Last transmission PDU poll</del>	TRUE	
<del>Last retransmission PDU poll</del>	TRUE	
<del>Poll_Windows</del>	99	
<del>Timer_poll_periodic</del>	Not Present	
- CHOICE Downlink RLC mode	AM-UM-RLC	
- DL UM RLC LI size	15	Rel-5
- One sided RLC re-establishment	FALSE	Rel-5
- RB mapping info		
- Information for each multiplexing option	2-1 RBMuxOptions	
- RLC logical channel mapping indicator	Not Present	
<del>Number of uplink RLC logical channels</del>	4	
<del>Uplink transport channel type</del>	DCH	
<del>UL Transport channel identity</del>	4	
<del>Logical channel identity</del>	Not Present	
<del>CHOICE RLC size list</del>	Configured	
<del>MAC logical channel priority</del>	8	
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels	1	
- Downlink transport channel type	HS-DSCH	
- DL DCH Transport channel identity	Not Present	
- DL DSCH Transport channel identity	Not Present	
- DL HS-DSCH MAC-d flow identity	0	
- Logical channel identity	Not Present	
<del>RLC logical channel mapping indicator</del>	Not Present	
<del>Number of uplink RLC logical channels</del>	4	
<del>Uplink transport channel type</del>	RACH	
<del>UL Transport channel identity</del>	Not Present	
<del>Logical channel identity</del>	7	
<del>CHOICE RLC size list</del>	Explicit list	
<del>RLC size index</del>	Reference to clause 6 Parameter Set	
<del>MAC logical channel priority</del>	8	
<del>Downlink RLC logical channel info</del>		
<del>Number of downlink RLC logical channels</del>	4	
<del>Downlink transport channel type</del>	FACH	
<del>DL DCH Transport channel identity</del>	Not Present	
<del>DL DSCH Transport channel identity</del>	Not Present	
<del>Logical channel identity</del>	7	
- RAB information for setup		
- RAB info	(TM DTCH for CS domain)	
- RAB identity	0000 0001B	
	The first/ leftmost bit of the bit string contains the most significant bit of the RAB identity.	
- CN domain identity	CS domain	
- NAS Synchronization Indicator	Not Present	
- Re-establishment timer	UseT314	
- RB information to setup		
- RB identity	10	
- PDCP info	Not Present	
- CHOICE RLC info type	RLC info	
- CHOICE Uplink RLC mode	TM RLC	
- Transmission RLC discard	Not Present	
- Segmentation indication	FALSE	
- CHOICE Downlink RLC mode	TM RLC	
- Segmentation indication	FALSE	
- RB mapping info		
- Information for each multiplexing option	1 RBMuxOptions	
- RLC logical channel mapping indicator	Not Present	
- Number of uplink RLC logical channels	1	
- Uplink transport channel type	DCH	
- UL Transport channel identity	1	
- Logical channel identity	Not Present	
- CHOICE RLC size list	Configured	
- MAC logical channel priority	7	
- Downlink RLC logical channel info		
- Number of downlink RLC logical channels	1	

Information Element	Value/remark	Version
- <a href="#">Downlink transport channel type</a>	<a href="#">DCH</a>	
- <a href="#">DL DCH Transport channel identity</a>	6	
- <a href="#">DL DSCH Transport channel identity</a>	<a href="#">Not Present</a>	
- <a href="#">DL HS-DSCH MAC-d flow identity</a>	<a href="#">Not Present</a>	<a href="#">Rel-5</a>
- <a href="#">Logical channel identity</a>	<a href="#">Not Present</a>	
RB information to be affected list	Not Present	
Downlink counter synchronization info	Not Present	
UL Transport channel information for all transport channels		
- PRACH TFCS	Not Present	
- CHOICE mode	FDD	
- TFC subset	Not Present	
- UL DCH TFCS		
- CHOICE TFCI signalling	Normal	
- TFCI Field 1 information		
- CHOICE TFCS representation	Complete reconfiguration	
- TFCS complete reconfigure information		
- CHOICE CTFC Size	<a href="#">2 bit CTFC</a> <a href="#">Number of bits used must be enough to cover all combinations of CTFC from clause 6.10.2.4 Parameter Set.</a>	
- CTFC information	<a href="#">4 TFCs</a> <a href="#">This IE is repeated for TFC numbers and reference to clause 6.10.2.4 Parameter Set</a>	
- CTFC	Reference to <a href="#">TS 34.121 clause C.2.1 clause 6.10.2.4</a> Parameter Set	
- Power offset information		
- CHOICE Gain Factors	Computed Gain Factors(The last TFC is set to Signalled Gain Factors)	
- Gain factor $\beta_c$	<a href="#">11 (below 64 kbps)</a> <a href="#">9 (higher than 64 kbps)</a> <a href="#">8</a> (Not Present if the CHOICE Gain Factors is set to Computed Gain Factors)	
- Gain factor $\beta_d$	15 (Not Present if the CHOICE Gain Factors is set to Computed Gain Factors)	
- Reference TFC ID	0	
- CHOICE mode	FDD	
- Power offset P <sub>p-m</sub>	Not Present	
Deleted UL TrCH information list	Not Present	
Added or Reconfigured UL TrCH information list	1	
Added or Reconfigured UL TrCH information	1 DCH added ( <a href="#">DCH for DTCH</a> )	
- Uplink transport channel type	DCH	
- UL Transport channel identity	1	
- TFS		
- CHOICE Transport channel type	Dedicated transport channels	
- Dynamic Transport format information		
- RLC Size	<a href="#">Reference to clause 6.10 Parameter Set</a> <a href="#">244</a>	
- Number of TBs and TTI List	<a href="#">(This IE is repeated for TFI number.)</a> <a href="#">2</a>	
- Transmission Time Interval	Not Present	
- Number of Transport blocks	<a href="#">Reference to clause 6.10 Parameter Set</a> <a href="#">0</a>	
- <a href="#">Transmission Time Interval</a>	<a href="#">Not Present</a>	
- <a href="#">Number of Transport blocks</a>	<a href="#">1</a>	
- CHOICE Logical channel list	All	
- Semi-static Transport Format information		
- Transmission time interval	<a href="#">Reference to clause 6.10 Parameter Set</a> <a href="#">20 ms</a>	
- Type of channel coding	<a href="#">Reference to clause 6.10 Parameter Set</a> <a href="#">Convolutional</a>	
- Coding Rate	<a href="#">Reference to clause 6.10 Parameter Set</a> <a href="#">1/3</a>	
- Rate matching attribute	<a href="#">Reference to clause 6.10 Parameter Set</a> <a href="#">256</a>	
- CRC size	<a href="#">Reference to clause 6.10 Parameter Set</a> <a href="#">16</a>	
<del>Uplink transport channel type</del>	<del>DCH</del>	
<del>UL Transport channel identity</del>	<del>5</del>	
<del>TFS</del>		
<del>CHOICE Transport channel type</del>	<del>Dedicated transport channels</del>	
<del>Dynamic Transport format information</del>		
<del>RLC Size</del>	<del>Reference to clause 6.10 Parameter Set</del>	
<del>Number of TBs and TTI List</del>	<del>(This IE is repeated for TFI number.)</del>	
<del>Transmission Time Interval</del>	<del>Not Present</del>	





Information Element	Value/remark	Version
- Secondary scrambling code	Not present	
- Spreading factor	<del>256</del> <u>128</u>	
- Code number	<del>192</del> <u>96</u>	
- Scrambling code change	No change	
- TPC combination index	0	
- SSDT Cell Identity	Not Present	
- Closed loop timing adjustment mode	Not Present	
- SCCPCH information for FACH	Not Present	

*<End of modifications>*