Title CRs (Rel-5 & Rel-6) to TS 25.212 for Feature Clean-Up: Removal of 80 ms TTI for

DCH for all other cases but when the UE supports SF512

Source TSG RAN WG1

Agenda Item 7.7.1

RAN1 Tdoc	Spec	CR	Rev	Rel	Cat	Current Version	Subject	Work item	Remarks
R1-050522	25.212	211	1	Rel-5	F	5.9.0	Feature Clean-Up: Removal of 80 ms TTI for DCH for all other cases but when the UE supports SF512	TEI5	
R1-050522	25.212	212	1	Rel-6	F	6.4.0	Feature Clean-Up: Removal of 80 ms TTI for DCH for all other cases but when the UE supports SF512	TEI6	

# 3GPP TSG-RAN1 Meeting #41 Athens, Greece, 9 – 13 May 2005

CHANGE REQUEST								
ж	25.21	2 CR 211	жrev	<b>1</b> **	Current version	5.9.0	*	
For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the \mathbb{K} symbols.  Proposed change affects: UICC apps\mathbb{M} ME \mathbb{X} Radio Access Network \mathbb{X} Core Network								
Title: ૠ		Clean-Up: Remo	val of 80 ms T	TI for DC	H for all other o	cases but whe	n the	
Source: #	RAN W	G1						
Work item code: ₩	TEI5				Date: ₩	19/04/2005		
Category: #	F (c A (c) relea B (c C (c) D (c) Detailed e	of the following cate, correction) corresponds to a cose) addition of feature), functional modification in a control of the a cose of the a co	rrection in an eation of feature)  above categories		Ph2 (( R96 (I R97 (I R98 (I R99 (I Rel-4 (I Rel-5 (I Rel-6 (I	Rel-5 ne following rele GSM Phase 2) Release 1996) Release 1997) Release 1998) Release 1999) Release 4) Release 5) Release 5) Release 7)	eases:	
Reason for change Summary of chang								
Consequences if not approved:	₩ <mark>RAN</mark>	I#27 decision is not	followed					
Clauses affected:	<b>第 4.2</b>							
Other specs affected:	ж <mark>х</mark>	Other core specification O&M Specification	tions	ж <mark>25.1</mark> (	01, 25.133, 25.0	306, 25.423, 2	25.433	
Other comments:	¥							

### How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <a href="http://www.3gpp.org/specs/CR.htm">http://www.3gpp.org/specs/CR.htm</a>. 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 <a href="ftp://ftp.3gpp.org/specs/">ftp://ftp.3gpp.org/specs/</a> 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.

Data arrives to the coding/multiplexing unit in form of transport block sets once every transmission time interval. The transmission time interval is transport-channel specific from the set {10 ms, 20 ms, 40 ms, 80 ms}-, where 80 ms TTI for DCH shall not be used unless SF=512.

The following coding/multiplexing steps can be identified:

- add CRC to each transport block (see subclause 4.2.1);
- transport block concatenation and code block segmentation (see subclause 4.2.2);
- channel coding (see subclause 4.2.3);
- radio frame equalisation (see subclause 4.2.4);
- rate matching (see subclause 4.2.7);
- insertion of discontinuous transmission (DTX) indication bits (see subclause 4.2.9);
- interleaving (two steps, see subclauses 4.2.5 and 4.2.11);
- radio frame segmentation (see subclause 4.2.6);
- multiplexing of transport channels (see subclause 4.2.8);
- physical channel segmentation (see subclause 4.2.10);
- mapping to physical channels (see subclause 4.2.12).

The coding/multiplexing steps for uplink and downlink are shown in figure 1 and figure 2 respectively.

# 3GPP TSG-RAN1 Meeting #41 Athens, Greece, 9 – 13 May 2005

CHANGE REQUEST								R-Form-v7.1	
ж	25.21	2 CR 212	<b>}</b>	∉rev	1 *	Current vers	sion: 6	.4.0	#
For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the \mathbb{K} symbols.  Proposed change affects: UICC apps\mathbb{M} ME \mathbb{X} Radio Access Network \mathbb{X} Core Network									
Title: #	: Feature	e Clean-Up: Re	emoval of 8	30 ms T	I for D	CH for all other	cases h	ut whe	n the
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Other specs affected:	₩ <mark>X</mark>	Other core Test speci O&M Speci	fications	ions	<b>第 25.</b> 1	01, 25.133, 25	5.306, 25	5.423, 2	25.433
Other comments:	¥								

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# 4.2 General coding/multiplexing of TrCHs

This section only applies to the transport channels: DCH, RACH, CPCH, DSCH, BCH, FACH and PCH. Other transport channels which do not use the general method are described separately below.

Data arrives to the coding/multiplexing unit in form of transport block sets once every transmission time interval. The transmission time interval is transport-channel specific from the set {10 ms, 20 ms, 40 ms, 80 ms}-, where 80 ms TTI for DCH shall not be used unless SF=512.

The following coding/multiplexing steps can be identified:

- add CRC to each transport block (see subclause 4.2.1);
- transport block concatenation and code block segmentation (see subclause 4.2.2);
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