TSG RAN Meeting #22 Maui, USA, 9 - 12 December 2003 RP-030686

Title CRs (Rel-5 only) to TS 25.413 and TS 25.423 on RT Load Value Clarification

Source TSG RAN WG3

Agenda Item 7.4.6

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	REL	CR	Rev	Cat	Title	Work item
R3-031802	25.413	5.6.0	5.7.0	REL-5	614	1	F	RT Load Value Clarification	TEI5
R3-031803	25.423	5.7.0	5.8.0	REL-5	880	1	F	RT Load Value Clarification	TEI5

R99

Rel-4

Rel-5

Rel-6

(Release 1999)

(Release 4)

(Release 5)

(Release 6)

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D (editorial modification)

would further exist.

be found in 3GPP TR 21.900.

Consequences if

not approved:

Detailed explanations of the above categories can

Reason for change: # For the Release 5 CRRM solution additional load information signalling between neighbouring RATs has been introduced. One kind of this load information is represented by the RT Load Value IE. However the 'information element functional definition and contents' of the RT Load Value is in itself contradictionary. Therefore two different interpretations of the RT Load Value may arise. Namely RT Load Value as a measure for the ratio of the RT load relative to the total (NRT+RT) load, or RT Load Value as a measure of the RT Load relative to a maximum RT load. These different interpretations would lead to interoperability problems. Summary of change: % Revision 1: Editorial improvement according to discussion. Remove semantics description. Add in definition "... in percents ...", Revision 0: Text is changed to clearly allow only for the interpretation that RT Load Value is an indication for the ratio of the load generated by Real Time traffic relative to the measured Load Value. Impact assessment towards the previous version of the specification (same release): This CR has isolated impact towards the previous version of the specification (same release). This CR has an impact under protocol point of view. The impact can be considered isolated because it only affects the CRRM function.

* The danger of different interpretations and the related interoperability problems

Clauses affected:	Ж						
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Other specs	Ж	Х	Other core specifications	lpha	25.423 CR880		
affected:		2	Test specifications				
		2	O&M Specifications				
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Other comments:	\mathbf{lpha}						

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.

/* Text ommited */

9.2.1.52 RT Load Value

The *RT Load Value* IE indicates in percents the ratio of the load generated by Real Time traffic relative to the measured Load Value. Real Time traffic corresponds to the Conversational and Streaming traffic classes.

IE/Group Name	Presence	Range	IE type and reference	Semantics description
RT Load Value	M		INTEGER (0100)	Value 0 shall indicate the minimum RT load, and 100 shall indicate the maximum RT load. RT Load Value should be measured on a linear scale.

^{/*} Text ommited */

3GPP TSG-RAN3 Meeting #39 San Diego, USA, November 17th-21st 2003

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				Date: %	15/11/2002	
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The danger of different interpretations and the related interoperability problems would further exist.

The impact can be considered isolated because it only affects the CRRM

This CR has isolated impact towards the previous version of the specification

This CR has an impact under protocol point of view.

release):

function.

Consequences if

not approved:

(same release).

Clauses affected:	ж						
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Other specs	Ж	X		Other core specifications	\mathbf{lpha}	25.413 CR614	
affected:			X	Test specifications			
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/* Text ommited */

9.2.1.50B RT Load Value

The *RT Load Value* IE indicates in percents the ratio of the load generated by Real Time traffic, relative to the measured Load Value. Real Time traffic corresponds to the Conversational and Streaming traffic classes.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description
Uplink RT Load Value	М		INTEGER(0100)	Value 0 shall indicate the minimum RT load, and 100 shall indicate the maximum RT load. Load should be measured on a linear scale.
Downlink RT Load Value	М		INTEGER(0. .100)	Value 0 shall indicate the minimum RT load, and 100 shall indicate the maximum RT load. Load should be measured on a linear scale.

^{/*} Text ommited */