TSG-RAN Meeting #6 *TSGRP#6(99)719*
Nice, France, 13 – 15 December 1999

Title: **Agreed CR 026 of category "C" (Modification) to TS 25.331 v"Intermediate"**

Source: **TSG-RAN WG2**

Agenda item: **5.2.3**

Doc-1st-	Status-	Spec	CR	Rev	Subject	Cat	Versio	Versic
R2-99L02	agreed	25.331	026	1	Gain factors	C	interm	3.1.0

3GPP RAN WG2 Meeting #9
Sophia Antipolis, France 29 Nov - 03 Dec 1999

Document R2-99L02
e.g. for 3GPP use the format TP-99xxx
or for SMG, use the format P-99-xxx

CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

25.331	CR	026r1	Current Version:	Intermed.

GSM (AA.BB) or 3G (AA.BBB) specification number ↑ *↑ CR number as allocated by MCC support team*

For submission to:	RAN#6	for approval	X	strategic		*(for SMG use only)*
list expected approval meeting # here ↑		for information		non-strategic		

Form: CR cover sheet, version 2 for 3GPP and SMG *The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc*

Proposed change affects: *(at least one should be marked with an X)*	(U)SIM		ME	X	UTRAN / Radio	X	Core Network	

Source: TSG RAN WG2 **Date:** 10.12.1999

Subject: Gain factors

Work item:

Category: *(only one category shall be marked with an X)*

F	Correction		**Release:**	Phase 2	
A	Corresponds to a correction in an earlier release			Release 96	
B	Addition of feature			Release 97	
C	Functional modification of feature	X		Release 98	
D	Editorial modification			Release 99	X
				Release 00	

Reason for change: This CR proposes to add parameters “gain factor” for each TFC, as defined in TS25.214.

Clauses affected: 10.2.5.1

Other specs affected:

Other 3G core specifications		→ List of CRs:	
Other GSM core specifications		→ List of CRs:	
MS test specifications		→ List of CRs:	
BSS test specifications		→ List of CRs:	
O&M specifications		→ List of CRs:	

Other comments: The revisions marked as "szhao" are from CR 054, the ones marked with "CR026" are the actual changes implied by this CR.

<--------- double-click here for help and instructions on how to create a CR.

10.2.5.1 Transport Format Combination Set

Indicates the allowed combinations of already defined Transport formats.

Information Element/Group name	Presence	Range	IE type and reference	Semantics description
CHOICE TFCS representation	M			
~~Transport format combination~~ > Complete reconfiguration		~~1 to 1024~~ 1 to MaxTFCcount		~~The first instance of the parameter *Transport format combination* correspond to Transport format combination 0, the second to transport format combination 1 and so on.~~
> > CTFC		~~1 to MaxTFCcount~~	Integer(0..MaxCTFC-1)	The first instance of the parameter *Transport format combination* corresponds to Transport format combination 0, the second to transport format combination 1 and so on. Integer number calculated according to clause 14.
> > Gain Factor b_c	O		Integer (0..15)	For DPCCH or control part of PRACH
> > Gain Factor b_d	O		Integer (0..15)	For DPCCH or data part of PRACH
> Removal		1 to MaxDelTFCcount		
> > TFCI		~~1 to MaxDelTFCcount~~	Integer(0..MaxTFCIValue)	Removal of TFCI. The integer number(s) is a reference to the transport format combinations to be removed.
> Addition		1 to MaxAddTFCcount		
> > AddCTFC		~~1 to MaxAddTFCcount~~	Integer(0..MaxCTFC-1)	Addition of TFCI. The integer number(s) is the calculated transport format combination that is added. The new TFC(s) is inserted into the first available position(s) in the TFCI (counting from zero).
> > Gain Factor b_c	O		Integer (0..15)	For DPCCH or control part of PRACH
> > Gain Factor b_d	O		Integer (0..15)	For DPCCH or data part of PRACH

Range Bound	Explanation
MaxCTFC	Maximum number of the CTFC value is calclulated according to the following: $\sum_{i=1}^{I}(L_i - 1)P_i$ with the notation according to clause 14.

MaxTFCCount	Maximum number of Transport Format Combinations.
MaxTFCValue	The max value of the Transport Format Combinations that currently is defined for this UE.
MaxAddTFCIcount	Maximum number of Transport Format Combinations to be added.
MaxDelTFCcount	Maximum number of Transport Format Combinations to be removed.