

TSG-RAN Meeting #7
TSGRP#7(00)0155
Madrid, Spain, 13 – 15 March 2000

Source: Samsung Electronics Co.
Title: Proposed Work Item on UE battery saving and UL/DL interference reduction functionality using Gated DPCCH Transmission
Document for: Discussion

Work Item Description

Title

Gated DPCCH Transmission

1 SMG Work Area

×	UMTS Radio Access
	GSM Radio Access
	GSM-UMTS Core Network
	UMTS Services

2 Linked work items

None

3 Justification

Gated DPCCH transmission was proposed to provide UE battery saving, UL/DL interference reduction, and capacity increase. It has been intended to Release 99 and included as a working assumption in RAN1 and approved in RAN2, however, it was postponed to Release 2000 item due to the incomplete works in RAN3. In Release 2000, the expected amount of required work seems to be small because most of the issues were already discussed. Those issues include random gating patterns and asymmetric gated transmission, etc.

4 Objective

Include the gated DPCCH transmission in the specification.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

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Impacts

Affects:	USIM	ME	AN	CN	Others
Yes		×	×		
No	×			×	×
Don't know					

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Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
						None
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.214				RAN#8		
25.301				RAN#8		
25.302				RAN#8		
25.331				RAN#8		
25.101				RAN#8		
25.423				RAN#8		
25.433				RAN#8		

Note: We expect the endorsement/approval in RAN#8, however, approval of CRs may be done in RAN#9

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Work item raporteurs

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Work item leadership

TSG RAN WG1

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Supporting Companies

Samsung
 LGIC
 SK Telecom
 ETRI
 KT
 Dacom

Note: At the last RAN#6 meeting, the above companies supported that the gated DPCCH transmission should be included to the Release 2000 work item.

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Classification of the WI (if known)

Not known.