TSG-RAN Meeting #12 ***RP#12(01)0470***
Stockholm, Sweden, 12 - 15 June 2001

Title:	**Revised WI sheet for WI "Terminal power saving features"**
Agenda Item:	**9.1.7 Terminal power saving features**
Source:	**Samsung Electronics**
Document for:	**Approval**

In this contribution, the WI sheet for WI "Terminal power saving features" is updated according to the results of the last WG1/2/3 meeting in Busan.

As decided in the last RAN plenary meeting #11, gated DPCCH transmission was discussed in joint ad hoc between WG1, WG2, and WG3 in Busan. In the joint ad hoc meeting, there were many discussions about comparison between gating and CELL_FACH. It was not agreed in the ad hoc that gating has significant benefit over switching to CELL_FACH. However, there were some comments that there is a possibility that gating can be useful for terminal power saving in case that CELL_DCH state should be sustained even if there is no data to transmit. So, In this contribution, we propose to change the title of the WI back to "Terminal power saving features", and the schedule for this WI to reserve the time for identifying the usefulness of gating when CELL_DCH state should be sustained. And, not only DPCCH gating but also other schemes applicable for terminal power saving can be included in this TR,

In addition, the last WG3 #21 meeting in Busan decided that WG3 TR 25.938 will be used as the internal TR only for WG3 and will not be presented in RAN plenary meeting. This WG3 decision is reflected into WI sheet.

The revised WI sheet is attached.

Work Item Description

Title

Terminal power saving features
~~The Gated DPCCH Transmission~~

1. 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

None

3 Justification

The UE battery saving, UL/DL interference reduction, and capacity increase are important for deploying the UMTS services. For example, ~~The~~ the gated DPCCH transmission can be one of the solutions for the above objective. ~~This WI is a continuation of the WI "Terminal Power Saving Features".~~ The previous WI "Gated DPCCH transmission" is included in this WI.

4 Objective

For improving the terminal power saving, UL/DL interference reduction, capacity increase and minimizing signalling impacts, ~~the transmission of DPCCH associated with DSCH can be gated.~~new schemes such as gated DPCCH transmission can be used in case that CELL_DCH state should be sustained even if there is no data to transmit.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

9 Impacts

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

10 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 endorsement at plenary#	Approved at plenary#	Comments
25.840		WG1		RAN #13~~12~~	RAN #14~~13~~	
25.938		WG3		~~RAN #12~~	~~RAN #13~~	Used as WG3 internal TR

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
25.214			RAN #14~~13~~	
25.301			RAN #14~~13~~	
25.302			RAN #14~~13~~	
25.331			RAN #14~~13~~	
25.101			RAN #14~~13~~	
25.133			RAN #14~~13~~	
25.423			RAN #14~~13~~	
25.433			RAN #14~~13~~	

11 Work item rapporteurs

Ju Ho Lee, Samsung (juholee@samsung.com)

12 Work item leadership

TSG-RAN WG1

13 Supporting Companies

TSG-RAN

14 Classification of the WI (if known)

	Feature (go to 14a)
X	Building Block (go to 14b)
	Work Task (go to 14c)

14b The WI is a Building Block: parent Feature is "Radio Interface improvement"