TSG-RAN Meeting #12 ***RP#12(01)0418***

Stockholm, Sweden, 12-15 June 2001

Agenda Item: **9.1.4 Gated DPCCH Transmission**

Source: **Rapporteur**

Title: **Status Report for the Rel-5 Work Item "Gated DPCCH Transmission"**

Document for: **Information**

This is the rapporteur's report on the progress made so far in RAN WG 1/2/3/4 on this Work Item (WI) "Gated DPCCH Transmission" since TSG-RAN #11 meeting.

- RAN WG1

RAN WG1 leads this WI. During RAN WG1 meeting #20 in Busan, gated DPCCH transmission was discussed in joint ad hoc meeting between WG1, WG2, and WG3. In the joint ad hoc, Samsung and Nokia presented four contributions as follows.

- Overview of gated DPCCH transmission was presented in signalling aspects as well as physical layer aspects (R1-01-0487 and R1-01-0488).
- Samsung and Nokia claimed that gated DPCCH transmission could be an intermediate solution between CELL_DCH and CELL_FACH states (R1-01-0490).
- Also presented is clarification on comparison between gated DPCCH transmission and using CELL_FACH (R1-01-0491).

In the joint ad hoc, it was not agreed that gating has significant benefit over switching to CELL_FACH state. On the other hand, 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. Hence, it was decided to hold the work relevant to gating until it is identified that there is a need to sustain CELL_DCH state even if there is no data to transmit.

- RAN WG2

There was no discussion in WG2 except participating in the joint ad hoc meeting in Busan. See the report on the joint ad hoc in RAN WG1 section above.

- RAN WG3

TR 25.938 was updated to v2.1.0. The changes are as follows:

- The WI title is changed from "Terminal Power Saving Features (Iur/Iub aspects)" to "Gated DPCCH Transmission (Iur/Iub aspects)".
- The words "Terminal Power Saving Features" are replaced by "Gated DPCCH Transmission".

- Rel-4 is replaced by Rel-5.
- Section 8.1.4 “Impact on 9.1.24 UPLINK SIGNALLING TRANSFER INDICATION (FDD) message” is added.
- Some editorial changes are made.

User plane signalling for gating was proposed as an alternative solution for initiation and termination and conclusion was that “Using user plane signalling seems an acceptable solution”. The text proposal for user plane signalling will be added in TR 25.938 at next meeting.

It was decided at RAN3#21 that the TR 25.938 will be WG3 internal TR, which will not be reported to RAN plenary meeting.

- RAN WG4

In WG4, there was no discussion about gated DPCCH transmission after RAN#11 meeting, since WG4 is waiting for the result of discussions among WG1, WG2, and WG3.

■ Contact Point

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