

**TSG-RAN Meeting #11
Palm Springs, CA, USA, 13 - 16 March 2001**

RP-010013

(R2-010740, to TSG-RAN) LS on Release 4 UE Support for CPCH

Source: **TSG-RAN WG2**

To: **TSG-RAN**

Cc: **TSG-RAN WG1**

Title: **LS on Release 4 UE Support for CPCH**

Contact: Joe Kwak, Golden Bridge Technology
joekwak@mcs.net, 1-630-739-4327

RAN2 is the responsible working group for TS25.306, UE Radio Access Capabilities. At RAN2#19 meeting, RAN2 discussed CR009 to TS25.306 which proposed to add UE support for CPCH as optional in 32 kbps uplink class and mandatory for all other uplink classes in Release 4.

The RAN2 discussion included the following points:

1. The stability of CPCH specifications was questioned. It was noted that stability is difficult to evaluate, but if the number of corrective CRs is used as an indicator of stability, CPCH can be considered stable.
2. The completeness of CPCH specifications in RAN WG2 was questioned. It was noted that a small number of CRs could also indicate that only a few companies are working on the topic.
3. It was noted that the change in the CR to include two PCPCH capability parameters would require a corresponding change in 25.331 to modify the UE capability signaling message.
4. The completeness of the CPCH test specifications was questioned. It was clarified that T1 working group has already included 2 test cases in 34.123 for CPCH; these cases have been recently validated and corrected. RAN4 has been working on CPCH performance specs for 6 months and now have a complete set of CRs to add CPCH performance tests to 25.101, 25.104, and 25.133. These Release 4 CRs are currently pending agreement in RAN4.
5. Several UE suppliers questioned the necessity of implementing CPCH in all terminals. It was suggested that the cost of adding CPCH support may not be justified for all UEs, for instance for UEs which only implement video services.
6. The need to mandate CPCH in the UE was questioned. It was noted that other capability features which offer system benefits, eg. DRAC and PDSCH and PUSCH, are mandated in 25.306.

Since the CR was not proposed for RAN2 decision, no decision was taken and the CR was not agreed. As the proposal was seen to involve RAN1 aspects, RAN2 requests that RAN1 discuss the CR and provide recommendations to RAN for the March RAN#11 meeting.

Find attached R2-010664: TS25.306CR009, Modified UE Capability for CPCH.



R2-010664_25306C
R009_CPCH_UE_cap;