Agenda:	6.11
Source:	Golden Bridge Technology, Cingular, E-Plus, Intel, Da Tang Telecom Technology & Industrial Group, OKI-USA, Seiko-Epson, ZTE, and Zhongxing Telecom….
Title:	Release 4 UE support for CPCH
Document for:	Discussion and decision

TS 25.306, UE Radio Access Capabilities Specification, defines the sets of uplink and downlink radio access capabilities to be supported by UEs of the various terminal classes. In addition to the 26 companies that support the specific CR to TS25.306 (RP-010173), the co-sources of this document support adding UE support for CPCH for some of the UE uplink classes in Release 4.

UE support for CPCH provides benefits for certain UE uplink terminal classes for bursty packet data applications and services. UE support for CPCH in TS25.306 should be corrected to be consistent with the principle to require support for a 3GPP feature or channel for terminal classes which would benefit from the use of that feature or channel [Note 1].

Note 1: Currently in 25.306, several capability features, which offer system benefits such as turbo decoding, PDSCH and PUSCH are indicated as "yes" in the terminal class tables. PCPCH was optional for Release 99 and UE support for CPCH in 25.306 is indicated as "no" in the terminal class tables. However, for Release 4, CPCH should be treated in a similar fashion to PDSCH, PUSCH, and turbo decoding capability features, and UE support for CPCH should be indicated with a "yes" in the terminal class tables.

Proposal:
1. RAN should decide that some UEs shall support CPCH in Release 4 in TS25.306 in the same way that PDSCH, PUSCH, and turbo decoding are supported.
2. RAN should provide guidance to the RAN working groups to select the appropriate UE uplink terminal classes in which to add support for CPCH in Release 4 consistent with the treatment for PDSCH, PUSCH and turbo decoding.