

TSG-RAN Working Group 1 (Radio layer 1)  
Stockholm 22<sup>th</sup> to 26<sup>th</sup> March 1999

**TSGR1#3 (99)172**

TSG-RAN Working Group 2#2  
Stockholm 8<sup>th</sup> to 11<sup>th</sup> March 1999

**TSGR2#2(99) 186**

**Agenda Item:** ?  
**Source:** 3GPP TSG RAN WG2  
**TO:** 3GPP TSG RAN WG1  
**Title:** liaison statement to WG1 on CPCH concept  
**Document for:** Decision

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Golden Bridge Technology presented T1P1's WP-CDMA distinguishing features in the second meeting of RAN WG2.(March 8-11) in Stockholm. WG2 deliberated on the CPCH proposal and recognized the merits of this proposal. WG2 recognizes that this proposal is an extension of the current RACH scheme. WG2 also recognizes the advantages of being able to have longer payloads and higher data rates on RACH than the current RACH scheme. WG2 feel that incorporation of this RACH extension will provide a more efficient RACH transmission mechanism than the one provided by the current RACH. Some of the mechanisms that were proposed by T1P1 are: incorporation of longer payloads, closed loop power control of the message part, fast L1 ACK/NACK of the preamble portion (similar to the AICH concept defined in WG1), a Layer 1 CD mechanism, and higher data rates. WG2 is requesting WG1 to study the feasibility of the L1 aspects of the CPCH proposal.

WG2 would appreciate receiving feedback on the listed topics before the WG2#3 meeting (13-16<sup>th</sup> April 1999) in order to be able to progress on further consideration and protocol specifications regarding this concept.