

TSG-RAN Working Group 1 (L1) meeting #5
Cheju, Korea 1-4 June 1999

TSGR1#5(99)668

TSG-RAN Working Group 2 (Radio layer 2 and Radio layer 3)
Berlin 25-28 May 1999-05-27

TSGR2#4(99)493

Source: TSG RAN WG2

To: TSG RAN WG1

**Title: LS on feasibility of AICH NACK to RACH Message Part
and feasibility for UE to listen to AICH and FACH
simultaneously**

In a contribution to WG2 (TSGR2(99)476), it has been proposed to use AICH for fast L1 acknowledgement for RACH message part, in addition to using AICH to acknowledge preamble part of the RACH burst. The contribution proposed that if the CRC check result is a failure for the RACH message part, a NACK is sent on AICH. This proposal is currently under study in RAN2. RAN2 would like to receive the view from RAN1 on whether it is feasible to use AICH to NACK RACH message part, in addition to using AICH to acknowledge the preamble part of RACH burst. Also, in the case where multiple Transport Blocks are in the RACH message part, opinion is sought from RAN1 on how multiple NACK could be unambiguously sent to the UE.

RAN2 has also identified a potential issue regarding the simultaneous use of the RACH and the FACH transport channels, since sending on the RACH needs also the monitoring of the AICH. RAN2 would like to receive the view from RAN1 on whether UE has the capability to listen to the FACH and AICH simultaneously.