TSG-RAN#13 ***RP-010670***
Beijing, China,18-21 September 2001

Agenda item:	9.9.3
Source:	Rapporteur, RAN WG2
Title:	Status Report to RAN#13 of Study item "Improved Common Downlink for Cell-FACH State".
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This is the rapporteur's report on the progress made in RAN on the Feasibility Study Item "Improved Common Downlink for Cell-FACH State". RAN WG2 is the lead working group for this study item.

Some progress has been made in RAN1 and RAN2 working groups. Since Release 5 study items remain a low priority, progress continues to be very slow.

1. RAN2 #19, Sophia Antipolis, February 19-23:
   RAN2 considered the details of a proposed new procedure to reduce OLPC level for directed FACH messages. This new DL Probe procedure uses Layer 1 signalling to determine lowest power level needed for FACH message sent immediately after DL Probe. RAN2 found the Layer 2/3 aspects to be feasible, but did not conclude on the benefits. RAN2 drafted R2-010734 LS to RAN1 asking RAN1 to consider the Layer 1 feasibility and benefits of the DL Probe procedure.

2. RAN1 Release 5 Ad Hoc meeting, Espoo, June 26-28:
   RAN1 considered LS R2-010734 from RAN2. RAN1 discussed the proposed DL Probe procedure, determined that the Layer 1 aspects were feasible, discussed the simulation results, but did not conclude on the benefits. The Ad Hoc group had questions concerning performance of the new proposed procedure and suggested that the proponent provide further simulations for the next RAN1 meeting. The Ad Hoc group had several questions, which they sent to RAN2 in LS, R1-010765.

3. RAN1#23, Turin, August 27-31:
   RAN1 discussed new simulation inputs considering performance effect of DL Probe procedure on the overall system performance. RAN1 is still awaiting responses from RAN2 to questions asked by Release 5 ad hoc in June.

4. RAN2#23, Helsinki, August 27-31:
   RAN2 considered the LS R1-010765 from RAN1. RAN2 provided responses to the questions in LS R2-012198 and requested that RAN1 reply to the questions in LS R2-010734 (Feb 01) and conclude on the feasibility.