

**TSG-RAN Working Group 1 meeting No. 19  
February 27- March 2, Las Vegas, U.S.A.**

***TSGR1-01-0322***

TSG-RAN Working Group 2 (Radio L2 and Radio L3)  
Sophia Antipolis, France, 19 - 23 February 2001

R2-010749

**Source: TSG-RAN WG2**

**To: TSG-RAN WG1**

**Cc:**

**Title: LS on Improved OLPC for FACH**

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RAN2 is the responsible working group for the feasibility study item named Improved Common Downlink for Cell-FACH state. RAN2 has treated the attached Tdoc, R2-010341 on Details for Improved OLPC for FACH. RAN2 would like to ask RAN1 to study the described Layer 1 DL Probe procedure.

Specifically RAN2 would like to ask RAN1 opinions:

1. Is there a benefit in using such a DL probe procedure to decrease the transmit power of an OLPC FACH message?
2. Are there system capacity or interference reduction or other benefits to be gained by using this proposed DL probe procedure?
3. For what RF channel conditions, i.e. channel fading rates, would these benefits be expected?
4. Is the described DL probe procedure feasible from RAN1 perspective?
5. Are there any negative impacts of the proposed DL probe procedure?

RAN2 awaits your reply.



R2-010341\_ImprovedOLPCforFACH.doc