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January 18 – 21, 2000, Beijing, China**

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TSG RAN Working Group 4  
Bath, U.K., 7<sup>th</sup> to 10<sup>th</sup> December 1999

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**Source:** TSG RAN WG4

**To:** TSG RAN, TSG RAN WG2, TSG RAN WG1

**Cc:**

**Title:** Liaison statement to RAN, RAN2 and RAN1 concerning the feasibility of CPICH SIR for handover and cell re-selection measurements

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RAN WG4 thanks RAN WG2 for the liaison statement concerning the feasibility of the CPICH SIR for handover and cell reselection measurements. RAN WG4 also thanks RAN WG1 for the liaison statement about CPICH SIR measurements in UTRA FDD and the information about CR about CPICH SIR measurement to be handled in TSG RAN#6.

RAN WG2 requested RAN WG4 to evaluate the feasibility of the CPICH SIR for handover and cell re-selection measurements from the performance point of view so that impacts on UE complexity, required measurement time and attained accuracy are evaluated.

RAN WG4 has studied the feasibility of implementing the CPICH SIR measurement in the UE. UE manufactures indicated that they see severe difficulties with the measurement. However, as simulation results presented in RAN WG2 show a significant capacity impact of not using this measurement further studies need to be done. RAN WG4 will concentrate on studying both the simulation results presented in RAN WG2, as well as simulation results presented in RAN WG4. The simulation results presented in RAN WG4 show no capacity impact.

RAN WG4 will inform RAN, RAN WG2 and RAN WG1 of its findings after its next meeting in early January 2000.