

TSG-RAN Working Group 1 meeting #9  
Dresden, Germany  
November 30 – December 3, 1999

**TSG R1(99)L60**

**Source:** RAN WG1  
**To:** RAN WG2  
**Subject:** Response to the WG2 Liaison on LCS TA-IPDL Methods Performance

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WG1 has considered the location accuracy of the various IPDL configurations for LCS. Models for network layout, path loss, fading profiles and other relevant aspects have been defined in order to enable simulations to be carried out, and comparisons to be made. A number of inputs based on these agreed models have been received and discussed.

For the TA-IPDL configuration, results so far obtained show good agreement. However, there is no consensus at present regarding the performance of standard IPDL, and therefore it is not currently possible to make an evaluation of the relative benefits of time alignment.

WG1 realises that this issue should be resolved as soon as possible, and therefore will continue to discuss performance issues in the forthcoming meetings.