

3GPP TSG-RAN WG1#9
Dresden, Germany,
30 November - 3 December 1999

TSGR1#9(99)L72

Agenda Item: Location Services
Source: TSG RAN WG1
Title: Liaison statement on performance of measurements in support of LCS
To: TSG RAN WG4

During WG1#9 meeting the ad hoc dealing with location services considered the issue of the reporting resolution of some 'time of arrival measurements' in support of location services, namely:

- SFN to SFN,
- UE Rx-Tx time difference,
- Round Trip Time (RTT)

A preference was expressed for the resolution of these measurements to be 0.25chips instead of 0.5chips as was previously defined. This allows the possibility for better positioning performance.

A view was expressed that it may be difficult to achieve this level accuracy (as opposed to resolution), especially for the two latter measurements which includes uncalibrated delays in the terminal and/or Node B, but the change was approved anyway to 'future proof' the specification.

WG1 would like to ask WG4 to consider the performance requirements of these measurements and to specify the accuracy for them in the WG4 documentation.