

WI Status Report to TSG RAN Plenary

Work Item Name: Inclusion of Uplink TDOA UE Positioning method in the UTRAN specifications

SOURCE: Rapporteur, Rhys Robinson, TruePosition

TSG: RAN **WG:** 2

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Ref. to WI sheet: RAN_Work_Items.doc

Progress Report since the last TSG (for all involved WGs):

Following approval of RP-040347: "Inclusion of Uplink TDOA UE Positioning method in the UTRAN specifications" WIR at RP#25 in September 2004, the following progress has been made:

RAN2 & RAN3

At R2#44 and R3#44, proposals were made to include U-TDOA references in TS 25.305. R2-041992 and R3-041283 specifically described Uplink TDOA message flows in the CELL_FACH and CELL_DCH states. At these meetings, WG participants suggested improvements and to better define LMU performance.

RAN4

At R4#33, R4-040583 concerning the structure of a simulation to define LMU performance criteria was presented and comments collected. Simulation results reflecting these comments will be presented at R4#34 in Phoenix.

Estimates of the level of completion (when possible):

It can be concluded that the level of completion of WI is 20 %

WI completion date review resulting from the discussions at the working group:

TSG RAN #32 (June 2006)

References to WG's internal documentation and/or TRs:

- [1] R2-041992 Inclusion of Uplink TDOA UE positioning method in 3GPP TS 25.305
- [2] R3-041283 Inclusion of Uplink TDOA UE positioning method in 3GPP TS 25.305
- [3] R4-040583 LMU Performance specification contents and format