

WI Status Report to TSG RAN Plenary

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

SOURCE: Rapporteur, rrobinson@trueposition.com, TruePosition **TSG:** RAN **WG:** 2

E-mail address rapporteur: rrobinson@trueposition.com

Ref. to WI sheet: RAN_Work_Items.doc

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

Following presentation of RP-050014: "Inclusion of Uplink TDOA UE Positioning method in the UTRAN specifications" WIR status at RP#27 in March 2005, the following progress has been made:

RAN2

At R2 #46bis in Beijing a CR [1] to include U-TDOA in TS 25.305 was submitted and discussed. Cingular Wireless, T-Mobile USA, Andrew Corporation and TruePosition supported this CR. Each section was discussed and numerous comments were received.

At R2 #47 in Athens a CR [2] to include U-TDOA in TS 25.305 was submitted and recommended for approval at RAN #28. Cingular Wireless, T-Mobile USA, Andrew Corporation and TruePosition supported this CR.

RAN3

At R3 #47 in Athens the R2 CR to TS 25.305 [3] was presented and, after some modification, endorsed by R3.

The first draft of the U-TDOA CR to TS 25.453 (Stage 3) [4] was briefly discussed. This CR will be formally introduced in R3 #48 in London.

RAN4

At R4 #35 in Athens a discussion paper [5] was presented (Ericsson) containing an outline for the contents of a LMU performance specification. This information will be submitted in a TS format to R4 #36 in London.

Estimates of the level of completion (when possible):

The level of completion of this WI is estimated to be 50 %.

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] R2-050752 Addition of the U-TDOA positioning method in 3GPP TS 25.305
- [2] R2-051666 Addition of the U-TDOA positioning method in 3GPP TS 25.305
- [3] R3-050764 Addition of the U-TDOA positioning method in 3GPP TS 25.305
- [4] R3-050455 Addition of the U-TDOA positioning method in 3GPP TS 25.453
- [5] R4-050293 LMU Radio requirements