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

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Ref. to WI sheet: RAN_Work_Items.doc

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

Following presentation of RP-040424: "Inclusion of Uplink TDOA UE Positioning method in the UTRAN specifications" WIR status at RP#25 in December 2004, the following progress has been made:

RAN2 & RAN3
At R2 #46 and R3 #46 in Scottsdale a CR to include U-TDOA references in TS 25.305 was submitted and discussed. Cingular Wireless, T-Mobile USA, Andrew Corporation and TruePosition supported this CR. This CR had been co-developed by many of the parties and companies involved with LCS over the past few months through multiple conference calls, meetings and e-mails. In R2 the CR was presented in its totality and each section was covered and discussed. There was a positive discussion with suggestions for minor changes to be presented in a new submittal at RAN2 #46bis in Beijing.

R2-050324 and R3-050193 specifically described Uplink TDOA message flows in the CELL_FACH and CELL_DCH states.

Estimates of the level of completion (when possible):
The level of completion of this WI is estimated to be 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
[4] R2-050324 Addition of the U-TDOA location method in to the UTRAN
[5] R3-050193 Discussion: Addition of U-TDOA location method to the UTRAN