Status Report for WI to TSG RAN

Work Item Name: "Open interface between the SMLC and the SRNC within the UTRAN to support Rel-4 positioning methods"

Source: Siemens AG (Meik Kottkamp)   **TSG:** RAN

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Ref. to WI sheet: RAN_Work_Items.doc

Progress Report since the last TSG (for all involved WGs):
The remaining open issues (as reported to RAN#19 in WI Status Report RP-030008) have been handled during Working Group Meetings:

- Equivalent to "Round Trip Time" measurement for TDD mode:
  CR035 to TS25.453: Has been approved in RAN3#36 (R3-030653)

- Support for "Pathloss" or similar measurement:
  CR028 to TS25.453: RAN3 has agreed that this CR is technically correct (R3-030639).

- For R3-030639 discussions at RAN3 revealed the following:
  - One company indicated that additional description of the "pathloss method" in TS25.305 might be required.
  - Three companies provided the view that this pathloss measurement can provide significant improvement for UE positioning.
  - No final agreement was achievable

List of Completed elements (for complex work items):
After approval of RAN WG3 CRs, position calculations that incorporate the following Rel-4 positioning methods are possible via Iupc:
- Assisted GPS (already possible via Iupc since Rel-5)
- Cell-ID based positioning, optionally including:
  - Round Trip Time for FDD and TDD
  - Pathloss (depending on approval of CR028 to TS25.453)
- Observed Time Difference of Arrival

List of open issues:
No open issues identified during RAN2 meeting Nr.36.

Estimates of the level of completion (when possible):
100%

WI completion date review resulting from the discussion at the working group:
RAN#20

References to WG's internal documentation and/or TRs:
No internal documents have been generated.