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):

Several CRs for extending PCAP position calculation functionality to all Rel-4 positioning methods have been agreed in RAN WG3:

- ➢ CR 065 to 25.401:   Agreed at RAN3 #34 (R3-030048)
- ➢ CR 003 to 25.450:   Agreed at RAN3 #34 (R3-030049)
- ➢ CR 001 to 25.452:   Agreed at RAN3 #34 (R3-030050)
- ➢ CR 022 to 25.453:
  - o Treated formally within meeting RAN3 #34 (R3-030051)
  - o Residual comments on CR 022 rev 1 (R3-030325) treated during subsequent e-mail review
  - o Finally, rev 2 of CR 022 (R3-030362) was agreed via RAN3 e-mail reflector

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 (including Round Trip Time)
- ➢ Observed Time Difference of Arrival

List of open issues:

It is assumed that these identified open issues can be handled during next RAN3's meeting cycle:
- ➢ Equivalent to "Round Trip Time" measurement for TDD mode
- ➢ Support for of "Pathloss" or similar measurement

Estimates of the level of completion (when possible):

90%

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

RAN#19

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

No internal documents have been generated.