TSG-RAN meeting #21 RP-030403
Frankfurt, Germany, 16-19 September 2003

Status Report for SI to TSG

Study Item Name: Enhanced OTDOA using advanced blanking Techniques

SOURCE: Rapporteur (David Bartlett, Cambridge Positioning Systems)
TSG: RAN **WG:** 2

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Ref. to SI sheet: RAN_Study_Items.doc

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

RAN1 #33:
Tdoc R1-030912 was presented for discussion. This document sets out a modified approach for enhancing OTDOA by making small changes to the way IPDL works. It was the general feeling of the delegates in RAN1 that this method appears to be a more sensible approach than what had been previously presented to RAN1 for the SI.

List of Completed elements (for complex work items):

- Measurement requirements
- Message flows and procedures
- Signalling and traffic requirements

List of open issues:

- Complexity of UE and SMLC (still under discussion)
- Simulation parameters and methodology (agreed on reflector, but not in plenary)
- Performance Analysis (will be presented after the simulation parameters have been agreed)
- Conclusions

Estimates of the level of completion (when possible):

50% (this is left unchanged as RAN1 delegates could not agree what to put here)

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

In the light of the most recent Tdoc (R1-030912) presented for discussion it was not clear how best to proceed and guidance from RAN is sought. The proposal builds on the UE-based work originally submitted to RAN2, but RAN2 has only asked RAN1 to look at the Network-based method. It was agreed to seek the advice of RAN and RAN2 as how best to proceed.

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

1. R1-030007, Nokia, Comments on Software Blanking
2. R1-030008, Nokia, Comments to TR25.894
3. R1-030037, CPS, Text proposal for complexity updates to TR25.894
4. R1-030038, CPS, Software blanking simulation parameters
5. R1-030103, Ericsson, Comments on SB simulation assumptions
6. R1-030121, CPS, Response to R1-030007
7. R1-030141, CPS, Software Blanking, text proposal for TR25.894
8. R1-030142, CPS, Update to ‘121 text proposal for TR
9. R1-030184, CPS, Text proposal for TR updates based on ‘142 and ‘008
10. R1-030185, CPS, SB simulation parameters, text proposal for TR25.894
11. R1-030186, CPS, Text proposal for complexity updates to TR25.894
12. R1-030221, Nokia, Comments on simulation for SB evaluation
13. R1-030912, CPS, Adaptation of IPDL that benefits from Software Blanking techniques.