

## Status Report for WI to TSG

### **Work Item Name: UE Positioning Enhancements**

**SOURCE:** Siemens

**TSG:** RAN

**WG:** 2

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**Ref. to SI sheet:** RAN\_Work\_Items.doc

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

The following work has been done with respect to UE positioning proposal "IPDL enhancement using advanced blanking methods".

RAN1 #34:

Three Tdocs were presented:

- ?? R1-031019 provided an overview of the enhancements being proposed for IPDL. It was identified that for FDD changes to the structure of the Idle Period would be needed as well as updates to the signalling parameters in order to manage time alignment of the idle periods. It was identified that for TDD only the changes to the structure of the Idle Period would be required.
- ?? R1-031020 provided a description of the proposed signalling updates required in order to time align idle periods.
- ?? R1-031021 presented the proposed simulation parameters to be used for performance comparison of the proposed method with existing IPDL. More time to study these parameters and consult with experts was requested, so a decision was postponed to RAN1 #35.

RAN1 #35:

Two Tdocs were presented:

- ?? R1-031307 presented a recapitulation of the proposed simulation parameters with clarifications arising from discussion during RAN1 #34. It was requested to extend the scope and range of some of the parameters. New parameter values were agreed and will be ratified by email in Tdoc R1-031417 by 15 December.
- ?? R1-031308 containing draft CRs for all the proposed changes was presented for information only.

### **List of Completed elements (for complex work items):**

- ?? Simulation parameters for performance analysis are agreed by RAN1 subject to email ratification of R1-031417 by 15 December.

### **List of open issues:**

- ?? Performance analysis – waiting for closure of simulation parameters.
- ?? Updates to signalling parameters to be agreed by RAN2 and RAN3 once RAN1 is satisfied with performance.

### **Estimates of the level of completion (when possible):**

No discussion.

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

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