

## Status Report for SI to TSG

### **Study Item Name: Analysis of OFDM for UTRAN enhancement**

**SOURCE:** Rapporteur (Sarah Boumendil, Nortel Networks)

**TSG:** RAN    **WG:** 1

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

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

RAN1 #28bis:

The first skeleton for the technical report "Analysis of OFDM for UTRAN enhancement" was introduced and discussed. Several companies presented documents on the OFDM parameter sets for the comparison between OFDM based UTRAN and W-CDMA based UTRAN. No text proposals were included in the TR.

RAN1 #29:

The revised skeleton for the technical report TR25.892 "Analysis of OFDM for UTRAN enhancement" was presented and agreed. A text proposal for tutorial sections of the TR was presented and discussed. It will be submitted on the reflector with changes according to the comments for inclusion in the TR after the next meeting. Contributions on requirements for the study item, simulation methodology and assumptions, and reference system to be used in the evaluation of were discussed. Simulation methodology will be further discussed on the RAN1 reflector to come to a conclusion and consolidation of a text proposal for the next meeting.

Further discussion also took place on OFDM parameter sets with a start of convergence between different proposals, the topic will also continue on the RAN1 reflector before the next meeting based on assumptions taken during the meeting.

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

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

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

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

RAN#20 (June 2003)

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

[1] R1-021257, TR25.892, Analysis of OFDM for UTRAN enhancement, as presented in RAN1 #29.