

## Status Report for SI to TSG

### **Study Item Name: USTS**

**SOURCE:** Rapporteur

**TSG:** RAN

**WG:** 1

**E-mail address rapporteur:** kdk@sktelecom.com

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

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

#### **WG1:**

During RAN1#22 in Korea, two documents were presented regarding the Eb/No adjustment for different SF and the capacity gain of USTS. Open items reported have been closed and WG1 concluded that study item completed. TR has been updated to include some more simulation results and WG3 part. The final TR is submitted to TSG RAN#14 for approval.

#### **WG2:**

During RAN2#24, one document was presented regarding signalling impacts of USTS and it was agreed that the impact on WG2 specifications would be small.

#### **WG3:**

The feasibility study of USTS was done in point of WG3 and this had already been reported at RAN#13.

#### **WG4:**

A document was presented in RAN4#20, which covered the overview of USTS, the detailed procedure for USTS, and the impact on WG4 specifications. No comment and no concern were raised.

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

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

None

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

100 % from feasibility study point of view.

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

December, 2001

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

- TR25.854
- TR25.839 (WG3 internal TR, included in TR25.854)