

**Stockholm, Sweden, June 12-15, 2001****Agenda item: 9.8.2****Source: Rapporteur****Title: Status Report of Study Item "USTS"****Document for: Information and Decision**

---

At the last RAN #11 meeting, it was reported from WG1 (leading group of this item) that USTS is feasible from WG1 point of view and a technical report (TR25.854 v1.0.0) was submitted for information. And it was concluded that a new Release 5 work item "USTS" would be created at this RAN #12 meeting given the feasibility is reported from WG3. It was also decided that WG1 could continue working on further details without this SI being formally approved by TSG-RAN as a WI, as soon as feedback from WG3 was received.

The status of each involved WG is summarized below:

**RAN WG1**

There was only one WG1 meeting in May where the LS R1-01-0445 (R2-010944, R3-01-1287, RP-01-0292) was presented. It says that USTS is feasible given a low mobility environment where frequent USTS mode changes are not needed. A couple of documents were listed on the agenda but not presented due to lack of time.

**RAN WG2**

At RAN WG2 #20, two documents were presented regarding "overview of Uplink Synchronous Transmission Scheme" and "impact for Uplink Synchronous Transmission Scheme". It was decided that WG2 would wait for input from WG1 to see if any more work was needed to be done by WG2.

**RAN WG3**

In RAN WG3#20 meeting, the feasibility study report of USTS was presented and discussed. And WG3 sent the LS for the result of feasibility study report to WG1, WG2 and TSG RAN. In RAN WG3#21 meeting, TR 25.839v0.2.0 was approved and the impacts of USTS on WG3 Specifications were discussed. And these impacts will be added in TR 25.839 in the next meeting. Handover in USTS mode is for further study.

**Proposal**

In the last several meetings, the feasibility study of USTS has been done sufficiently in the point of WG3. As a result of the studies, it is concluded that USTS is feasible given a low mobility environment. Therefore, WG3 proposes that this study item be changed to Work Item of Release 5.

Related document: R3-01-1837 "Status Report of Study Item USTS"