TSG-RAN Meeting #10 **RP-000701**
Bangkok, Thailand, 6-8 December 2000

Agenda item: **6.6.11 USTS(Uplink Synchronous Transmission Scheme) (WG1)**

Source: **Rapporteur**

Title: **Status Report for the Study Item "Uplink Synchronous Transmission Scheme"**

Document for: **Information**

This is the rapporteur's report on the progress made so far on the Study Item (SI) "Uplink Synchronous Transmission Scheme". The study report on "Uplink Synchronous Transmission Scheme" will be completed by RAN meeting #11. The study report includes the requirements and detailed description of USTS.

RAN WG1

RAN WG1 leads this Study Item. Since the last RAN meeting (RAN #9), technical documents for USTS performance and other issues have been submitted and discussed at RAN WG1 meeting #16 and #17. The major contents are as follows:

1. Simulation results for USTS performance were discussed.
2. Timing control for synchronization was discussed.
3. scrambling and channelisation code usage for USTS was discussed.
4. soft handover candidates were discussed.
5. Impacts to WGs.

Some issues on this SI were raised during the last RAN WG1 meeting (R1#17) such as "Node B complexity and soft handover ", and discussion on this issue will be continued at the next RAN WG1 meeting.

RAN WG2

We will submit technical documents for the impact of USTS after RAN(RAN #11) approval. Future works planned in WG2 are as follows:

1. Technical document for the impact on RRC layer signaling message to support USTS
2. Technical document for the impact on inter-layer procedure and primitive.

RAN WG3

WG3 have their own technical report (TR25.839). We will submit further technical documents for the impact of USTS after RAN(RAN #11) approval. Future works planned in WG3 are as follows:

1. Technical document for the impact on Iub/Iur signaling message to support USTS
2. Technical document for the handover method for USTS.

RAN WG4

We will submit technical documents for the impact of USTS after RAN(RAN #11) approval. Future works planned in WG4 are as follows:

1. Make a test scenario to evaluate minimum performance requirements to support the USTS
2. Perform simulation according to the approved test scenario.