

TSG-RAN#13
Beijing, China; 18-21 September 2001

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Agenda item: 9.7
Source: Rapporteur, RAN WG2
Title: Status Report to RAN#13 of Work item "High Speed Downlink Packet Access" and "High Speed Downlink Packet Access - Layer 2&3 aspects".
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This is the Rapporteur's report on the progress made to date in RAN on the Work Item "High Speed Downlink Packet Access" and in RAN WG2 on "High Speed Downlink Packet Access - Layer 2 and 3 aspects". RAN WG2 leads both these Work items.

Substantial progress has been made in general in all the RAN working groups. All agreements reached to date have been captured in TR 25.855 v2.0.0.

RAN WG1 has focused substantial amount of time on HSDPA over two meetings since the last RAN plenary. A number of agreements have been reached. These include:

1. Agreements on TTI length for FDD and 1.28 Mcps TDD.
2. Signalling scheme
3. HARQ combining schemes
4. Control channel structure

WG1 agreements are being captured in TR 25.858.

RAN WG2 has concluded on the HARQ protocol. An asynchronous downlink - synchronous uplink scheme has been adopted. Some details are to be worked out in future meetings.

RAN WG2 and RAN WG3 held a joint meeting on HSDPA. The details of the work item were introduced to WG3 and impacts on WG3 identified. The UTRAN protocol model was verified.

RAN WG3 has started work on issues impacting WG3 specifications. Preliminary conclusions on one option for flow control on the Iub were reached. Agreements are being captured in TR 25.877.

RAN WG4 has started work on issues impacting WG4. A preliminary set of performance related issues needing resolution has been identified.