

Status Report for WI to TSG

Work Item Name: "High Speed Downlink Packet Access (HSDPA)" and "High Speed Downlink Packet Access (HSDPA): Layer 2 and 3 Aspects"

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Ref. to WI sheet: 43: High Speed Downlink Packet Access (HSDPA)

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

WG1:

- Substantial progress has been made and CRs have been agreed to all the relevant specifications. Open issues from previous meetings have been resolved.
- Resolution of minor issues and addition of further detail is still required and this will be handled as corrections to the Release 5 specifications.
- An AdHoc was held with RAN WG2 during the Orlando meeting and UE capability issues related to HSDPA were agreed.

WG2:

- The January Meeting was devoted to Release 5 and significant progress was made. All open issues have been resolved and the stage 2 specifications have been agreed. The protocol models have been fully described. While minor enhancements continue to be proposed most of these will be treated for Release 6 and 6+ only.
- Details of the MAC-hs functionality have been agreed.
- Minor issues related to the radio interface signalling requiring some input from RAN WG1 will be treated as corrections to the Release 5 specifications.
- Work on the Stall avoidance mechanism at the receiver is 100% complete.
- CRs to all relevant RAN WG2 specifications have been agreed and will be presented for approval in RAN#15 plenary.

WG3:

- All necessary functionality needed for supporting HSDPA in Release 5 has been incorporated into the relevant CRs.
- CRs to all RAN WG3 specifications have been agreed.
- Minor issues needing to be resolved will be treated as corrections for Release 5 specifications.

WG4:

- Work has started on a HSPDA internal technical report in order to capture the RAN WG4 simulation assumptions and performance results. Agreement on the performance results would be used as a basis to define the relevant performance CR for WG4 specifications.

- WG4 is to have an additional meeting in April on HSPDA to progress this work item.

List of Completed elements (for complex work items):

- Stage 2, TS 25.308 is complete.
- CRs for all relevant specifications (Layer 1, Layer 2 and 3 and lub, lur) have been agreed and are presented for approval.

List of open issues:

1. WG4 related issues - RAN WG4 has a target completion of June 2002.

Estimates of the level of completion (when possible):

Overall 85% (remaining is mostly RAN WG4, 5% other groups including corrections as described)

WI completion date review resulting from the discussion at the working group:

Work in RAN WG1, WG2 and WG3 has been completed for Release 5 with RAN WG4 scheduled to complete its work in June 2002. Minor issues left for resolution in RAN WG1, WG2 and WG3 specifications will be treated as corrections to Release 5 specifications.

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

TS 25.308 v5.1.0 was approved in RAN#14. A CR to the specification capturing all the modifications agreed in WG1 and WG2 is presented in RP- 020093 for approval.

TR 25.848 is a WG1 internal TR capturing all agreements related to the Physical Layer Aspects and the current version is presented in RP-020xyz.

TR 25.877 is a WG3 internal TR capturing all agreements related to lub/lur aspects.