Status Report for WI to TSG

Work Item Name: Performance Requirements of Receive Diversity for HSDPA

SOURCE: Rapporteur   **TSG: RAN**   **WG: 4**

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Ref. to WI sheet: RP-040731.doc, TSGRP#22 (2003)

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

RAN WG4:
Categories 1-6: Open issues for the 5 codes case
- The performance requirements for PA3 channel conditions were agreed. This had been delayed by one meeting as some companies requested more time to study the results with implementation margin. A CR [2] was agreed at this meeting for the PA3 case to compete these categories classes.

Categories 7-8: Work for the 10 codes (H-Set 6) and HS-SCCH with STTD
- First phase results (without implementation margin) on FRC H-Set 6 was presented by Fujitsu, Motorola, NEC, Nokia, NTT DoCoMo, Panasonic, Qualcomm, and Sony Ericsson. The results are summarized in [1], and a CR on the performance requirements including implementation margin can be agreed at the next RAN4 meeting to close this work
- Agreed work programme to complete the outstanding tasks are provided in [1]

List of Completed elements (for complex work items):
- Simulation results with implementation margin for category 1-6
- Test requirements/configuration

List of open issues:
- HS-SCCH with STTD
- Performance for Category 7-8 classes

Estimates of the level of completion (when possible):
Categories 1-6: 100%
Categories 7-8: 75% (Work planned for completion in March 05)

WI completion date review resulting from the discussion at the working group:
RAN#27 (March 2005)

References to WG's internal documentation and/or TRs:
[1] R4-040770, Minutes of HSDPA simulation Ad-Hoc
[2] R4-040787, Enhanced performance requirement on FRC throughput for PA3 cases (CR 386 to 25.101 Rel-6) (Qualcomm)