TSG-RAN meeting #27 **RP-050012**
Tokyo, Japan, 9-11 March 2005

Status Report for WI to TSG

Work Item Name: Optimisation of channelisation code utilisation 3.84Mcps TDD

SOURCE: Rapporteur (Nicholas Anderson, IPWireless) **TSG:** RAN **WG:** 1

E-mail address rapporteur: nanderson@ipwireless.com

Ref. to WI sheet: RAN_Work_Items.doc

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

[Note that 1.28Mcps TDD is no longer covered by this WI in line with the decision taken at RAN#26].

RAN WG1 #40 – two documents submitted

- R1-050163: "Out of sync detection for TDD HSDPA operation without an associated DL DPCH"
- R1-050196: (Update to) "Out of sync detection for TDD HSDPA operation without an associated DL DPCH"

Following the outcome of the discussion held at RAN WG1#39, indicating that some fine-tuning of the in/out sync procedures was required, these documents included details of a revised in/out sync procedure. An updated draft CR to 25.224 was included within the documents.

Due to a lack of available meeting time, the updated version of the document (R1-050196) was submitted on the RAN WG1 email reflector for approval. The document was approved as the intended way forward on this topic.

Agreement on this issue has facilitated the generation of CRs for 25.221 and 25.224 which, if approved, would conclude the RAN WG1 aspects of this work item.

- R1-050227: CR25.221-118 "Release 6 HS-DSCH operation without a DL DPCH for 3.84Mcps TDD"
- R1-050228: CR25.224-141 "Release 6 HS-DSCH operation without a DL DPCH for 3.84Mcps TDD"

RAN WG2 #45bis – two documents submitted:

- R2-050288: CR25.331-2504 "Release 6 HS-DSCH operation without a DL DPCH for 3.84Mcps TDD"
- R2-050289: CR25.302-148 "Release 6 HS-DSCH operation without a DL DPCH for 3.84Mcps TDD"

Both CRs were technically endorsed by RAN WG2 pending a final decision in RAN WG1 on the methods and procedures for in/out sync detection (see R1-050196 for the subsequently-agreed solution).

List of Completed elements (for complex work items):

3.84Mcps TDD:
- General physical layer aspects
- General higher layer aspects
- Details of in/out sync procedures

List of open issues:

- Performance specifications for the agreed in/out sync procedures (RAN WG4)

Estimates of the level of completion (when possible):

95%

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

RAN WG1, WG2, WG3 aspects RAN #27 (March 2005)

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