

Status Report for WI to TSG

Work Item Name: 7.68 Mcps TDD Option

SOURCE: Rapporteur (Martin Beale, IPWireless) **TSG:** RAN **WG:** 1

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Ref. to WI sheet: RAN_Work_Items.doc

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

RAN1#40:

Two documents were treated: a draft RAN1 TR [2] for the WI and a document concerning work organisation for the 7.68Mcps TDD option WI [1].

The work organisation document [1] proposed that:

- a stage 2 TS document on the 7.68Mcps TDD option be created that captured main requirements, design goals and decisions and that RAN WG1 would have primary responsibility for this document
- an internal TR be created in RAN1 that captured summaries of the specifications changed, discussion and analysis of options and agreements reached.

Concerns were raised regarding which WG is responsible for the stage 2 document on this WI. Hence clarification is sought from RAN#27 on which WG has responsibility for the stage 2 document for the "7.68Mcps TDD option" WI.

The draft RAN1 TR outline for the WI was approved (TR 25.809).

RAN2#46:

Although there was scope for 7.68 Mcps TDD in the RAN2#46 agenda and there was a contribution on 7.68 Mcps TDD, the 7.68 Mcps TDD Option WI was not dealt with by RAN2#46.

RAN3#46:

The structure of a new RAN3 internal TR (R3.016) that will be used to capture the progress of the RAN3 work was agreed

RAN4#34:

A text proposal for UE Transmission & Reception on Frequency bands and channel arrangement, Transmit characteristics and Receiver characteristics (ACS) was presented. The text proposal was approved.

List of Completed elements (for complex work items):

TR outlines for RAN1, RAN3 and RAN4 aspects approved.

List of open issues:

RAN is requested to endorse the approach of each WG having an internal TR which captures summaries of the specifications changed, discussion and analysis of options and agreements reached

RAN1:

- work organisation and responsibility for stage 2 TS
- physical layer – general description
- physical channels and mapping of transport channels onto physical channels
- multiplexing and channel coding
- spreading and modulation
- physical layer procedures
- physical layer measurements

- associated change requests

RAN2:

- WI needs starting.

RAN3:

- Impacts on lub / lur interfaces – general aspects
- Impacts on lub / lur control plane protocols
- impacts in lub / lur user plane protocols
- impacts on other specifications
- associated change requests

RAN4:

- UE radio transmission and reception aspects
- Base station radio transmission and reception aspects
- Requirement for support of radio resource management aspects
- Base station conformance testing aspects
- Electromagnetic compatibility aspects
- associated change requests

Estimates of the level of completion (when possible):

5%

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

RAN1: RAN#29 (Sept 2005)

RAN2: RAN#29 (Sept 2005)

RAN3: RAN#29 (Sept 2005)

RAN4: RAN#31 (March 2006)

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

- [1] R1-050157 "7.68Mcps TDD Option: Work organisation", RAN1#40. 14-18 February 2005.
- [2] R1-050158 "Draft TR: 7.68Mcps TDD option: physical layer", RAN1#40. 14-18 February 2005.
- [3] R3-050058 "7.68Mcps TDD Option: Work organisation", RAN3#46. 14-18 February 2005.