

## Status Report for SI to TSG

### **Agenda Item: 8.12.1**

**Study Item Name:** "Radio Link Performance Enhancements"

**SOURCE:** Rapporteur

**TSG:** RAN

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**Ref. to WI sheet:** RAN\_Work\_Items.doc

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

#### **HSDPA enhancements (TR25.899)**

Seven (7) input contributions were handled during RAN WG1#37 meeting. Conclusion section was added to the report, and it states that

- CQI Enhancement for FDD Mode
- ACK/NACK Transmit Power Reduction for HS-DPCCH with Preamble and Postamble
- Fractional Dedicated Physical Channel

have been considered in detail. Other techniques in the TR are not treated thoroughly enough, and some of them are still being studied.

The TR was endorsed and raised to V1.0.0, and is provided to TSG-RAN for approval.

### **List of Completed elements (for complex work items):**

#### **HSDPA enhancements**

- Description of studied schemes
- Evaluation of some described schemes

### **List of open issues:**

#### **HSDPA enhancements**

- Evaluation of some described schemes

### **Estimates of the level of completion (when possible):**

### **SI completion date review resulting from the discussion at the working group:**

- This is a permanent SI, see planned completion dates for each topic below:

#### **HSDPA enhancements**

- Completion of TR25.899 is estimated as 06/2004.

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

[1] TR25.899 V1.0.0 "HSDPA enhancements", RP-040222