

## Status Report for WI to TSG

**Work Item Name:** Optimisation of channelisation code utilisation 1.28Mcps TDD

**SOURCE:** Rapporteur (Nicholas Anderson, 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):**

**RAN WG1 #40** – two documents submitted

- R1-050068: "Tx power requirements for optimisation of DL code utilisation for TDD LCR"
- R1-050189: (Update to) "Tx power requirements for optimisation of DL code utilisation for TDD LCR"

These documents presented an analysis of the Tx power requirements of the proposed common physical layer signalling channel which would be used to replace the DL DPCH for HSDPA data-only users. A comment was made by one company that smart antennas had not been considered. A discussion followed in which the proponent companies suggested that smart antennas would not improve code utilisation and as such were not of relevance for this WI topic.

No agreement was reached.

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

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

- agreement as to whether the common signalling channel approach is the preferred way forward
- introduction of the new physical channel (if agreement above is reached)

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

35%

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

RAN #29 (Sept 2005)

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