

## Status Report for WI to TSG

**Work Item Name:** "Feasibility Study considering the viable deployment of UTRA in additional and diverse spectrum arrangements"

**SOURCE:** Rapporteur

**TSG:** RAN

**WG:** 4

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**Ref. to WI sheet:** RAN\_Study\_Items.doc, Study Item 13 (RInImp-UMTSBands)

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

An input document on Variable Duplex technology was agreed in RAN WG4 to be included in the Feasibility Study. There is now a new draft version 0.2.0 of the Feasibility Study report TR 25.889.

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

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

Topics identified for the feasibility study are

- Duplex spacing arrangements other than for Bands I, II and III.
- Arbitrary selectable or variable duplex spacing methods
- Use of asymmetric spectrum arrangements considering the need for additional downlink traffic capacity
- Terminal capabilities and signalling
- Possible interface impacts

**Estimates of the level of completion (when possible):** 10%

**WI completion date review resulting from the discussion at the working group:** June 2002

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

TR 25.889 v0.2.0 (draft), "Feasibility Study considering the viable deployment of UTRA in additional and diverse spectrum arrangements".

R4-020190, "Technical Considerations on Variable Duplex Technology".