

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):

Three input documents concerning handover between cells with different duplex distances, signalling and control of the UE (RAN2) and considerations of RRM aspects were agreed in RAN WG4#24 to be included in the Feasibility Study.

The scope of the study item regarding the deployment of FDD and TDD in the band 2500-2690 MHz was discussed in RAN4. It is not clear if the study item shall cover the deployment of TDD or FDD in the complete band 2500-2690 MHz or if the study item shall also include the deployment of TDD in combination with FDD in that band. RAN4 felt that it is not in its mandate to make this decision and request guidance from RAN. Further, it is unclear to RAN4, if the feasibility study shall include coexistence analysis, i.e. between FDD DL and UL and between FDD and TDD.

List of Completed elements (for complex work items):

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List of open issues:

- ?? How can the requirements for the 2.5 GHz band be addressed?
- ?? How can the requirements for the frequency band asymmetry be addressed?
- ?? Feasibility of UL next to DL allocations with flexible positions?

Estimates of the level of completion (when possible): 70%

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

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

[1] TR 25.889 v1.1.0 (draft), "Feasibility Study considering the viable deployment of UTRA in additional and diverse spectrum arrangements".