

## Status Report for WI to TSG

**Work Item Name:** DS-CDMA Introduction in the 800 MHz Band

**SOURCE:** Rapporteur

**TSG:** RAN

**WG:** 4

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**Ref. to WI sheet:** RP-030178.doc, TSGRP#19 (2003)

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

The Work Item was agreed in TSG-RAN#19. Afterwards each of TSG RAN-WG4 and RAN-WG2 has had one meeting respectively.

#### **RAN WG4:**

In RAN-WG4#28 meeting, work structure of the WI was proposed in [1] and existing band plan with a study status in Japan was informed in [2] respectively.

Baseline document of working group internal Technical Report for the WI was proposed in [4] and was endorsed by the group. Taking into account a possible merge the TR with other WI, i.e., UMTS 850, allocation of the TR number was suspended for the time being.

CRs proposed channel numbering were presented [5][6], but approval of these CRs was put off by the time whole package of the relevant CRs would be available. Instead, they were incorporated into the revised TR in [8]. Work plan proposed in [3] which was noted by the group was merged in [8] as well. Expected changes in TS25.101 and TS25.104 shown in [7] were to be incorporated into further revised version of the TR.

It was turned out that RAN4 needs further information on deployment scenarios or band plan, which would be provided before the next RAN4 meeting (in June possibly). Based on the provided information, further analysis and discussion will take place at the next RAN4 meeting.

#### **RAN WG2:**

CRs for 25.107 and 25.331 [9] were presented. They were noted that the 25.331 CR will have to be on the Rel-6, and 25.307 CRs will be on the R'99, Rel-4 and Rel-5 (pointing to the Rel-6). Approval of these CRs was put off by the next RAN2 meeting.

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

- Existing band plan
- Possible deployment scenario in Japan [including tentative information]
- Channel numbering [Tentative proposal]
- Signalling related to the new band [Tentative proposal]

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

- Band numbering issue
- UE radio requirements
- BS radio requirements

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

25%

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

RAN#21

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

- [1] R4-030553 Work structure for introduction of DS-CDMA (W-CDMA) into the 800MHz band in Japan (ARIB)
- [2] R4-030554 Frequency arrangement plan for DS-CDMA in the 800 MHz band in Japan (ARIB)
- [3] R4-030550 Work plan proposal of the WI "Introduction of DS-CDMA into the 800 MHz Band" (Fujitsu, Panasonic, NTT DoCoMo)
- [4] R4-030547 Baseline document proposal of Technical Report for "DS-CDMA Introduction in the 800 MHz Band Work Item" (NTT DoCoMo, Fujitsu)
- [5] R4-030578 DS-CDMA 800 MHz introduction (CR 254 to 25.101 Rel-6) (NTT DoCoMo)
- [6] R4-030579 DS-CDMA 800 MHz introduction (CR 193 to 25.104 Rel-6) (NTT DoCoMo)
- [7] R4-030548 Expected changes in TS25.101 and TS25.104 to introduce DS-CDMA into the 800 MHz Band (Fujitsu, Panasonic, NTT DoCoMo)
- [8] R4-030637 Draft TR for "DS-CDMA introduction in the 800 MHz band" v0.0.1 (NTT DoCoMo, Fujitsu)
- [9] R2-031273 Introduction of UMTS800 (CRs to 25.307 and 25.331) (NTT DoCoMo)