

## Status Report for SI to TSG

**Study Item Name: Feasibility study on UTRA Wideband Distribution System (WDS)**

**SOURCE:** Rapporteur (Tekmar Sistemi)

**TSG:** RAN

**WG:** 4

**E-mail address rapporteur:** carlo.matarasso@Andrew.com

**Ref. to SI sheet:** RAN\_Study\_Items.doc

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

One RAN4 meeting (#28 in Sophia Antipolis) was held since TSG #20. Three contributions were presented:

#### **R4-030828 TR 25.867 v1.2.0 "WDS" (3GPP Support/Tekmar)**

This is the version of the TR sent to WG4 email reflector immediately after last meeting. No comments have been received so far. The TR was approved

#### **R4-030741 New simulations on the WDS maximum output power (Telefónica)**

The conclusions of an increased output power for WDS were objected, since in principle WDS is intended for indoor applications thus should be aligned with pico-BS and not Medium Range - BS as proposed. It was clarified that nowhere in the WDS study is stated that WDS can only be used indoors.

#### **R4-030846 Text proposal for TR 25.867, "Simulations of the WDS max output power" (Telefónica)**

It was asked for a clear statement in the TR that a lower output power will be used for pico and indoor. It was clarified that 20 dBm value for the max output for pico is already in the TR. It was agreed that this has to be clear in the TR, and if it is not the case it should be introduced in the next version.

It is agreed to add the text to the TR.

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

Assessment of the max output power of the WDS for pico and micro deployment.

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

Additional studies have to be carried out in order to investigate other WDS critical RF parameters and implications. O&M aspects have to be clarified in RAN3 and SA5.

The conclusion section has to be written according to the output of the simulations and the discussions at the meetings and off-line.

**Estimates of the level of completion (when possible): 50%**

**WI completion date review resulting from the discussion at the working group: March 2004**

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

R4-030828  
R4-030741  
R4-030846