

**3GPP/PCG Meeting#2**  
**Sophia Antipolis,**  
**6-7 July 1999**

**3GPP/PCG#2(99)15**

1 July 1999  
page 1 of 4

**Source: TSG SA**

**Title: Handling of OHG Recommendations**

**Agenda item: 7**

**Document for:**

Decision	<b>X</b>
Discussion	
Information	

TSG-SA meeting #4

SP-99316

Miami, FL, USA , 17-19, June,1999

**Title: PLAN TO HANDLE THE OHG HARMONISATION PROPOSAL IN 3GPP**

**Source: TSG-RAN**

**Document for: Decision**

1. Summary of discussions in TSG RAN#4 meeting in Miami 17 – 18 June 1999

Based on contribution TSGR#4(99)402 (Tdoc315) TSG RAN#4 decided to do the following modifications to the current UTRA specifications

- Change of chip rate into 3.84 Mcps
- Change the downlink pilot structure (CDM common pilot, TDM dedicated pilot (number of pilot bits to be decided))

Further it was decided to define the necessary hooks and extensions to connect the UTRA radio interface to an ANSI-41 based network. This is in line with the proposal made by the OHG.

A preliminary analysis, TSGR#4(99)398, (Tdoc315) on the scope of the modifications caused by the concept of hooks and extensions as proposed above showed that there is a very limited number of changes needed to the UTRA air interface specification. These modifications of UTRA do not impact the lub, lur or the lu interfaces. It was also concluded in TSG RAN that these modifications only effect the RAN specifications, i.e., no modifications are needed in any other 3GPP TSG.

It was reported by the RAN WG1 and RAN WG4 chairmen that the work on accommodating the chip rate and pilot changes has already started in their groups. It is expected that these changes will not delay the work in 3GPP RAN.

TSG RAN prepared a workplan, TSGR#4(99)380, (Annex ) for handling of modification needed. This workplan includes an open workshop where the necessary hooks and extensions will be decided.

2. Proposal

TSG RAN propose that TSG SA and PCG endorse this plan.

**Attatchement**

**TSG RAN**

***TSGR#4(99)380***

Meeting #4, Miami, USA, 17-19 June 1999

**Source: Alcatel, Ericsson, Motorola, Nokia, Nortel**

**Title: PROPOSED WORKPLAN FOR HANDLING OF THE OHG PROPOSAL  
IN 3GPP**

**Document for: Decision**

**Agenda Item:**

### **1. Introduction**

In the OHG proposal there are two types of harmonisation issues related to the DS and the TDD modes of operation of UTRA. These issues are the basic parameters of the physical layer (chip rate, common pilot, dedicated pilot and synchronization scheme) and the ability to connect UTRA with an ANSI-41 based network. This input propose a workplan that allows to take into account the requirements that the OHG proposal places on the release 99 of the 3GPP specifications of UTRA without delaying the existing time plan in 3GPP RAN.

### **2. Basic Parameters**

It is proposed that the 3GPP RAN WG's, i.e., WG1 and WG4, should incorporate the changes proposed by the OHG in the 3GPP specifications without delaying the existing workplans in 3GPP RAN and its WG. This work has already started in RAN WG1 and WG4, and the work done in these groups should be considered as the basis for the modifications needed.

### **3. UTRA-ANSI-41 connection**

The OHG propose that UTRA (the DS and the TDD modes) should be able to operate with an ANSI-41 based network. As described in the OHG report this may require some hooks and extensions in the UTRA radio interface protocols specified by 3GPP RAN TSG. To identify these hooks and extensions we propose to organize a workshop with the task to identify the hooks and extension required. This workshop should be open for all, i.e., not only 3GPP members.

After the hooks and extensions has been identified at the workshop, the 3GPP RAN WG's are tasked to incooperate the hooks and extensions into the 3GPP RAN specifications.

#### 4. Work plan

In order to facilitate the work in TSG RAN and in the WGs the following workplan is proposed:

Step	Action	Deadline
1	RAN TSG meeting in Miami agrees to this work plan and sends it to TSG SA and PCG	19 June 1999
2	TSG RAN approves the OHG basic technical requirements and tasks the WG's to incorporate the required changes into the 3GPP RAN specifications.	19 June 1999
3	Have a workshop where the hooks and extensions are defined to allow for UTRA (DS and TDD modes) to operate under an ANSI-41 based network. This workshop should be open for all.	24-26 August 1999
4	Exact updates to the UTRA radio interface protocols required by the hooks should be agreed in the September meetings of the RAN WGs.	WG1: 3 Sept WG2: 23 Sept
5	The principle of hooks and the identified hooks are to be approved by the RAN#5 meeting.	1 October 1999
6	3GPP Release 99 completed	by 31/12/99

Each WG should specify their own detailed workplans within this framework. Risks to this workplan include prioritisation of other items and failure to identify requirements in time for the hooks to be sufficiently well specified. For the successful completion of this work plan it is therefore important to give attention to communication with other appropriate bodies and seek early identification of the issues.