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**Agenda item:** 8.8  
**Source:** Ad Hoc #6  
**Title:** Minutes of Ad Hoc #6 meeting  
**Document for:**

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**Summary:**

Ad Hoc #6 held a meeting in Yokohama on 22<sup>nd</sup>, February, 1999 in order to review the draft Ad Hoc #6 report. As a result of the meeting a final version of the report, document TSGR1#2(99)024, was made to be presented in the TSG-R WG1 meeting #2.

Detailed meeting minutes are presented in the subsequent pages.

## Minutes of Ad Hoc #6 meeting

**Date:** 22<sup>nd</sup>, February, 1999

**Time:** 9.30-12.30

**Place:** Shin Yokohama Prince Hotel, Yokohama, Japan

### 1. OPENING OF THE MEETING

Chairman opened the meeting.

### 2. APPROVAL OF AGENDA

The agenda proposal was approved.

### 3. REVIEW OF THE REPORT TO WG1

The review starts by checking the Ad Hoc#6 report chapter by chapter.

1. Approved as it is.

2.1. Approved.

2.2.

2.2.1. There were some comments from Samsung.

2.2.1.1

(a) Delete "Significant".

(b) On the compatibility of STTD with feed back mode. Remove the sentence "hence ...TDTD/PD".

2.2.1.2 Move this section to appendix.

2.2.1.3 Agreed.

2.2.1.4

(1) All of the row #11 in the Table 4 is deleted.

(2) Add comment column in Table 4.

(3) In the row #12, “Capacity of closed loop antenna...”, add comment as “ Nominal improvement”.

(4) Add a comment in 3<sup>rd</sup> row:” Simulation results are by TI only.”

#### 2.2.1.5

(1) The title change to “Conclusions of open loop comparison.

(2) Change “significant” to “ several” in the 1<sup>st</sup> line.

(3) Delete “(and TDTD/PD) from the 7<sup>th</sup> line

(4) Delete last sentences “Hence there is no.... Thus, STTD ... 3GPP”.

#### 2.2.2 Agreed.

### 3.

3.1 There was a contribution on open loop solution for more than two antennas from Motorola. It was treated as a reference. Regarding the text, add “ For open loop mode, the case of more than two diversity antennas requires further studies” as a last sentence, and agreed.

3.2 Agreed with some modifications as follows:

(1) On FBI bit: Add “(in two antenna case). If there are more than two diversity antennas the number of FBI information bits per slot requires further studies.” in 8<sup>th</sup> line.

(2) On the Table 7: Open loop Tx diversity application for PCCPCH changes to X\*. Reference :3GPP TSG RAN WG1#2(99)-083 by Texas Instruments.

4. Agreed with minor modification, which includes following addition.

(1) Add “ For open loop mode, the case of more than two diversity antennas requires further studies.” in 4<sup>th</sup> line.

(2) In 2<sup>nd</sup> paragraph last sentence, delete “either”.

(3) In 2<sup>nd</sup> paragraph last sentence, replace “or” with “and/or”.

## 4. SUMMARY OF AGREEMENTS

Ad Hoc#6 report was agreed with modifications listed in the chapter 3 in the meeting minutes.

## 5. CLOSING OF THE MEETING

Chairman closed the meeting at 12:15.



ANNEX 1: LIST OF PARTICIPANTS

1. Kari Pehkonen/Nokia
2. Hyeon Woo Lee/Samsung
3. Chang Soo Park/Samsung
4. Kojoro Hamabe/NEC
5. Stephen Truelove/NEC Tech.(UK)
6. Akihiro Hikuma/DoCoMo Europa
7. Murali Krishnan/Cadence Design
8. Tae Joong Kim/ETRI
9. Nick Whinnett/Motorola
10. Katsuhiko Hiramatsu/Panasonic
11. Anand Dabak/Texas Instruments
12. Shigenori Kinjo/Texas Instruments