3GPP TSG RAN WG1 Meeting #51 **R1-074525**
Jeju, Korea, November 05 – 09, 2007

Source: Chairman

Title: Draft Agenda

Document for: Decision

Tdoc request: The deadline is Monday, 29 October, 6.00 PM, CET
Tdoc submission (AI 5): The deadline is Monday, 29 October, 9.00 AM, CET
Tdoc submission (all other AI): The deadline is Tuesday, 30 October, 6.00 PM, CET

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1 Opening of the meeting (Day 1: 9.00 AM)

1.1 Call for IPR

I draw your attention to your obligations under the 3GPP Partner Organizations' IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP.

The attention of the delegates to the meeting of this Technical Specification Group was drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.

The delegates were asked to take note that they were thereby invited:

- to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.
- to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Statement and the Licensing declaration forms (http://webapp.etsi.org/Ipr/).

2 Approval of the agenda

3 Approval of the minutes from previous meeting

4 Liaison statement handling

5 Maintenance of Release 99 – Release 7

6 Evolved UTRA and UTRAN

6.1 TDD Frame Structure

Contributions related to the decision at TSG RAN#37 on Tdoc RP-070751.
Summary of the conclusions from the email ad hoc to be prepared by Liu Guangyi.

6.2 Finalization of TS 36.211

6.2.1 Downlink reference signals

Summary of the conclusions from the email ad hoc to be prepared by Aris Papasakellariou.

Main remaining issues are detailed sequence design, dedicated RS pattern for DL beamforming.

6.2.2 Uplink reference signals

Summary of the conclusions from the email ad hoc to be prepared by Aris Papasakellariou.
Main remaining issues are hopping and shifting for PUSCH/PUCCH RS and SRS parameters and mapping.

6.2.3 Downlink Control Signalling

Summary of the status from email discussions on control signalling to be prepared by Stefan Parkvall.
Main remaining issues are details on CCE-to-RE mapping, details on agreed resource allocation approach and PDCCH contents.

6.2.4 Uplink Control Signalling

Summary of the status from email discussions on control signalling to be prepared by Stefan Parkvall.
Main remaining issues are how to associate ACK/NACK and CCEs, simultaneous ACK/NACK and CQI, transmission of control information on PUSCH, and TDD specific issues.

6.2.5 Mapping of virtual resource blocks to physical resource blocks

Summary of the status from email discussions on virtual resource block mapping to be prepared by Brian Classon.

6.2.6 Bit scrambling sequences for UL/DL transmissions

Sequences for downlink and uplink scrambling are to be defined.

6.2.7 RACH

Summary of the conclusions from email ad hoc on RACH to be prepared by Amitava Ghosh.
Main remaining issues are the frequency position of PRACH, 1.4MHz operation and cyclic shift values with sequence grouping for high speed UEs.

6.3 Finalization of TS 36.212

Summary of the conclusions from the email ad hoc to be prepared by Sadayuki Abeta.
Main issues are related to finalization of remaining details, e.g. RV definitions, and discussion on HARQ number of processes vs processing times.

6.4 Finalization of TS 36.213

6.4.1 Timing synchronization

Synchronization primitives, Radio link monitoring, inter-cell synchronisation, transmission timing adjustments.

6.4.2 UL/DL Power Control

Summary of the conclusions from the email ad hoc to be prepared by Jari Lindholm.
Remaining details on PUCCH/PUSCH power control, power headroom, and description of UE and eNB behaviour in 36.213.

6.4.3 Inter-cell Interference Coordination

Need for request/grant based schemes.

6.4.4 RACH timing and preamble sequence selection

6.4.5 UE Procedures for downlink shared channel

Remaining details on UE Procedures for CQI reporting and extension to MIMO feedback reporting (CQI/PMI/Rank Reporting), UE Procedures related to TX diversity.

6.4.6 UE Procedures for uplink shared channel

UE procedures for Sounding, UE procedures for ACK/NACK detection, UE procedures for UL antenna switching, transmission scheme for scheduling request

6.5 Finalization of TS 36.214

Summary of the conclusions from the email discussion to be prepared by Dirk Gerstenberger. Continued discussion on UE measurements. Feasibility, necessity and definitions of eNB L1 measurements.

6.6 Finalization of TS 36.201

6.7 UE Categories

Summary of the conclusions from the email ad hoc to be prepared by Sadayuki Abeta.

7 Combination of Higher Order Modulation and MIMO in HSDPA (FDD)

8 Enhanced Uplink for Cell_FACH State in FDD

9 Study Item on Synchronized E-DCH

10 Study Item on Scope of future HSPA Evolution for 1.28Mcps TDD

11 Work item on Enhanced UE DRX

This work item is under the lead of RAN2.

12 Closing of the meeting (Day5: 5.00 PM at the latest)