Source: **Chairman**

Title: **Draft Agenda**

Document for: **Decision**

<mark>**Tdoc request:**   **The deadline is 13 August 6.00 PM, CEST**
Tdoc submission (AI 6):   **The deadline is 13 August 9.00 AM, CEST**
Tdoc submission (all other AI): The deadline is 15 August 9.00 AM, CEST</mark>

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1   Opening of the meeting (<mark>Day 1: 9.00 AM</mark>)

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   Election of 3GPP RAN WG1 Officials

Election of the chairman and two vice-chairmen for 3GPP RAN WG1.
For further details see: http://www.3gpp.org/tb/RAN/RAN1/elections2007/RAN1_election.htm

5   Liaison statement handling

6   Maintenance of Release 99 – Release 7

7   Evolved UTRA and UTRAN

7.1   Updated Physical Layer Specifications

Inputs to the draft specifications to be prepared by the editors.

7.2 Finalization of TS 36.211

7.2.1 Downlink reference signals

Summary of the conclusions from the email ad hoc to be prepared by Aris Papasakellariou.
Main remaining issues are support of both hopping and shifting, detailed sequence design, dedicated RS for beamforming.

7.2.2 Uplink reference signals

Summary of the conclusions from the email ad hoc to be prepared by Aris Papasakellariou.
Main remaining issues are on SRS (parameter signalling, exact value of parameters) and of DM RS (sequence construction, base sequence and hopping pattern signalling, number of SDMA cyclic shifts).

7.2.3 Downlink Control Signalling

Summary of the status from email discussions on control signalling to be prepared by Stefan Parkvall.
Main remaining issues are signaling details, PDCCH mapping, coding scheme for MIMO signalling, CCE aggregation and blind detection, cell specific interleaving/shift.

7.2.4 Uplink Control Signalling

Summary of the status from email discussions on control signalling to be prepared by Stefan Parkvall.
Main remaining issues are CQI/PMI/Rank report, transmission scheme for scheduling request.

7.2.5 Mapping of virtual resource blocks to physical resource blocks

Main issues are on DL RB mapping (value of Nd, mapping of DVRB onto PRBs, N_DPRB, use of remaining RE in BCH subframe), and on UL RB mapping (resource allocation with uplink hopping).

7.2.6 Remaining details on DL MIMO, TX diversity and beamforming

Remaining details for 36.211 on precoding, codebook, layer mapping etc.

7.2.7 SSC, PSC

Summary of the conclusions from email ad hoc on SCH to be prepared by Amitava Ghosh.
Main remaining issue is details on scrambling for SSC.

7.2.8 PBCH

No major remaining issues.

7.2.9 RACH

Summary of the conclusions from email ad hoc on RACH to be prepared by Amitava Ghosh.
Main remaining issues are exact definition of ZC index number, exact PRACH slot configuration, exact value of cyclic shift, cyclic shift restriction method for high mobility cells.

7.3 Finalization of TS 36.212

Summary of the conclusions from the email ad hoc to be prepared by Sadayuki Abeta.
Main issues are Turbo code rate matching scheme details, segmentation details, channel interleaver, constellation rearrangement and HARQ process number, PUCCH channel coding.

7.4 Finalization of TS 36.213

7.4.1 Timing synchronization

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

7.4.2 UL/DL Power Control

Summary of the conclusions from the email ad hoc to be prepared by Jari Lindholm.
Main remaining issues on PUSCH power control (exact parameter values, absolute/accumulated UE specific correction value), on PUCCH power control (detailed coding scheme for PC bits, exact

parameter values), on SRS (how to set offset value to PUSCH), and on persistent scheduling (how to set offset value to PUCCH), description of UE and eNB behaviour in 36.213.

7.4.3 Inter-cell Interference Coordination

Need for request/grant based schemes.

7.4.4 RACH timing and preamble sequence selection

7.4.5 UE Procedures for downlink shared channel

UE Procedures for CQI reporting and MIMO feedback reporting, UE Procedures related to TX diversity (UL antenna switching).

7.4.6 UE Procedures for uplink shared channel

UE procedures for Sounding, UE procedures for ACK/NACK detection.

7.5 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.

8 Combination of Higher Order Modulation and MIMO in HSDPA

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