TSG-RAN Meeting #20 **RP-030203**
Hameenlinna, FINLAND, 3 - 6 June 2003

Agenda Item: **2**
Source: **Chairman**
Title: **Draft agenda**
Document for: **Approval**

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1. Opening of the Meeting (9:00 AM)
2. Approval of the Agenda
3. Approval of the meeting report on TSG-RAN #19
4. Reminder for IPR declaration

> The attention of the members of this Technical Specification Group is 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 members take note that they are hereby invited:
> - to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
> - to notify the Director-General, or the Chairman of their respective Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing declaration forms.

5. Chairman Report of meetings

   5.1 TSG SA#19 and PCG10-OP9

6. Liaisons from other groups

   6.1 Groups outside 3GPP

   6.2 TSG-SA, TSG-T, TSG-CN, TSG-GERAN

   6.3 TSG-RAN WGs

7. Status Report and Approval of contributions on Release'99 and Release 4 and finished work item for Release 5

   7.1 WG1

      7.1.1 Report from WG1 including report on actions required from the previous meeting

      7.1.2 Discussions on decisions from WG1

      7.1.3 Approval of CRs to Release '99 with linked CRs to Release 4 and Release 5

7.1.4 Approval of independent CRs to Release 4 with linked CRs to Release 5

7.1.5 Approval of independent CRs to Release 5

7.1.6 Approval of linked CRs where the leading one originated from WG1

7.2 WG2

7.2.1 Report from WG2 including report on actions required from the previous meeting

7.2.2 Discussions on decisions from WG2

7.2.3 Approval of CRs to Release '99 with linked CRs to Release 4 and Release 5

7.2.4 Approval of independent CRs to Release 4 with linked CRs to Release 5

7.2.5 Approval of independent CRs to Release 5

7.2.6 Approval of linked CRs where the leading one originated from WG2

7.3 WG3

7.3.1 Report from WG3 including report on actions required from the previous meeting

7.3.2 Discussions on decisions from WG3

7.3.3 Approval of CRs to Release '99 with linked CRs to Release 4 and Release 5

7.3.4 Approval of independent CRs to Release 4 with linked CRs to Release 5

7.3.5 Approval of independent CRs to Release 5

7.3.6 Approval of linked CRs where the leading one originated from WG3

7.4 WG4

7.4.1 Report from WG4 including report on actions required from the previous meeting

7.4.2 Discussions on decisions from WG4

7.4.3 Approval of CRs to Release '99 with linked CRs to Release 4 and Release 5

7.4.4 Approval of independent CRs to Release 4 with linked CRs to Release 5

7.4.5 Approval of independent CRs to Release 5

7.4.6 Approval of linked CRs where the leading one originated from WG4

7.5 ITU-R Ad Hoc

8. Not completed WI for Release 5 and beyond: Status update and approval of CRs, reports

8.1 Early UE

8.1.1 Review of SA2 documentation

8.1.2 Discussion on solution

8.1.3 If Required vote

8.1.4 Conclusion

8.1.5 Approval of CRs from TSG RAN WG3 in line with the decision

8.2 Radio Interface Improvement Feature (RAN)

8.2.1 Improvement of inter-frequency and inter-system measurements

8.2.2 Improving Receiver Performance Requirements for the FDD UE

8.2.3 UMTS 850

8.2.4 DS CDMA Introduction in the 800MHz Band

8.2.5 UMTS 1.7/2.1 GHz

8.3 RAN Improvement Feature

8.3.1 Radio access bearer support enhancement

8.3.1.1 Iu enhancements for IMS support in the RAN

8.3.2 Improvement of RRM across RNS and RNS/BSS

8.3.3 Beamforming enhancement

8.3.4 RRM optimizations for Iur and Iub

8.3.5 Remote Control of Electrical Tilting Antennas

8.3.6 Network Assisted Cell Change (NACC) from UTRAN to GERAN – network-side aspects

8.4 UE Positioning

8.4.1 UE positioning enhancements

8.4.2 Open interface between the SMLC and the SRNC within the UTRAN to support Rel-4 positioning methods

8.5 High Speed Downlink Packet Access (HSDPA)

8.5.1 High Speed Downlink Packet Access (HSDPA) - *RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing*

8.6 Enhancement of broadcast and introduction of Multicast Capabilities in RAN

8.6.1 Introduction of the Multimedia Broadcast Multicast Service (MBMS) in RAN

8.7 Evolution of the transport in the UTRAN

8.8 MIMO

8.8.1 Multiple Input Multiple Output Antennas – Physical Layer

8.8.2 Multiple Input Multiple Output Antennas – Layer 2,3 aspects

8.8.3 Multiple Input Multiple Output Antennas – Iub/Iur Aspects

8.8.4 Multiple Input Multiple Output Antennas - RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing

8.9 Technical Small Enhancements and Improvements

8.10 Closed Release-6 Work Items

8.11 Study Items:

8.11.1 Feasibility study on Radio link performance enhancements

8.11.2 Feasibility study on UTRA Wideband Distribution System (WDS)

8.11.3 Feasibility Study considering the viable deployment of UTRA in additional and diverse spectrum arrangements

8.11.4 Improvement of inter-frequency and inter-system measurement for 1.28 Mcps TDD

8.11.5 Analysis of OFDM for UTRAN evolution

8.11.6 Uplink Enhancements for Dedicated Transport Channels

8.11.7 Analysis of Higher Chip Rate for UTRA TDD evolution

8.11.8 Evolution of UTRAN Architecture

8.11.9 Improved access to UE measurement data for CRNC to support TDD RRM

8.11.10 FS on Enhancements to OTDOA Positioning using advanced blanking methods

8.11.11 Low Output Powers for general purpose FDD BS

8.12 New Work Items/Study Items

9. Technical co-ordination among WGs

9.1 Review of status on action points allocated during the previous meeting

9.2 Other needs

10. Outputs to other groups

11. Project management

12. Any other business

13. Closing of the meeting (Estimated to be 14:00)