TSG RAN WG1#11 Feb 29- March 3, 2000 **Tdoc R1-00-0299**

San Diego, USA

Source: TSG RAN WG1 Chairman

Actions points from TSG RAN RRM Ad Hoc to RAN WG1

TSG RAN WG1 Chairman

Antti Toskala

Nokia Networks

Reference: Approved Report of the TSG-RAN Ad Hoc Meeting on RRM 9-11 February 2000, Tdoc RPA000064

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Purpose of the meeting on RRM was

- To: Finalise and ensure overall consistency of the RAN specifications release 99 for items which were across several RAN working groups,
- To: Progress/finalise open issues on GSM-UMTS items with RAN and SMG2 delegates
- To: Progress all items necessary for the completion of 25.133 and 25.123 "requirements for support of RRM" i.e. provide all the necessary information so that RAN WG4 complete these documents in accordance with 25.331, 25.302 and 25.304.

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Action Points for WG1 (1)

- **For measurements: General**
  - Action: Each RAN WG is to indicate what is NOT in Release 99 based on the RAN/SA definition of Release 99 in December 1999
  - There is twice the same description of compressed mode (RAN WG1 and RAN WG2).
    Action: RAN WG1 and RAN WG2 are to agree which group will remove the description; subsequently the relevant group is to remove it.
- **Measurements UTRAN Round Trip Time**
  - Action: Each RAN WG is to flag 'Time of Arrival' as FFS because it was not for Release 99.
  - Action: RAN WG1 is to add the support for the measurement on RACH.

Action Points for WG1 (2)

- **UE P-CCPCH and RSCP measurement**
  - **Discussion:** The RSCP definition should be moved to SIR, RSCP is not reported in FDD anymore.
  - **Decision:** The proposals were agreed with this change.
  - Action: Each RAN WG is tasked to apply this.
  - **Discussion:** P-CCPCH measurement is for TDD only, and needs to be clarified in the specs.
- **UTRAN RSSI Measurement**
  - Action: Each RAN WG is to apply the proposals and adapt their specs (proposed in RPA000040)

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Action Points for WG1 (3)

- **Power Control - FDD downlink):**
  - BLER is decided to be outer loop QoS criteria. (UE-specific implementation).
  - Physical channel BER is not used of outer loop.
  - It is suggested to RAN WG1 to move the algorithm for inner loop power control to an informative annex, to be used by RAN WG4 for its assumptions (this is a consequence of the other actions).
  - Problem with inner loop power control SIR can not be defined with sufficient accuracy (as expressed by several comipanies accoring to the report)

  - Action: RAN WG1 is asked to study this issue and take action.

Action points for WG1 (4)

- **Decision (on out-of-synch for dedicated channels):**
  - NBAP will be used both for reporting out-of-synch and in-synch detection.
  - Action: RAN WG1 is to determine the criteria for the downlink case.
  - Action: RAN WG1 is to determine the reference algorithm for out-of-synch and in-synch detection in the Node B (uplink). For TDD it was accepted that a use of periodic in-sync reporting is FFS.

Action Points: Handover GSM-UMTS

- **Decision (on handover):**
  - Synchronisation:
    Action: RAN WG1 is to study if it is possible to attain full synchronisation between GSM and UMTS within the required time limits (5 ms according to the VodafoneAirtouch paper RPA000036), and if so, how long it takes (how many measurements are needed), how often it needs to be reconfirmed, whether that needs to be done in consecutive frames or if that could be spaced in time etc., all this taking into account the minimisation of the use of GSM idle frames as target; and provide the results to SMG2.
    Action: SMG2 to make it work with the information from RAN WG1. Companies to provide RAN WG1 experts to the SMG2 Ad Hoc on Handover (6-8 March) for this purpose

Annex: RAN WG1 meetings year 2000

- **WG1#10 Jan 18-21 (China, Host: Nokia China)**
- **WG1#11 Feb 29-March 3 (USA, Host: T1P1)**
- **WG1#12 April 10-13 (Seoul, Korea, Host: TTA)**
- **WG1#13 May 22-26 (Japan)**
- **WG1#14 July 4-7 (Oulu, Finland, Host: Nokia)**
- **WG1#15 August 21-25 (Germany, Host: Siemens)**
- **WG1#16 October 9-13 (Korea, Host: TTA)**
- **WG1#17 November 20-24 (TBD)**
- **Note: Dates indicate the week, meeting duration 4 days**

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