

3GPP PCG#12(04)07

Saint Paul de Vence, France 14 April 2004



TSG-RAN #22 & 23 meeting Report

Source TSG-RAN Chairman



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Change Request Overview

- Number of CRs on Release '99 :
 - 26 CRs approved. (TSG-RAN #22: 29)
- Number of CRs on Release 4 only:
 - 15 CRs approved (TSG-RAN #22: 30).
- Number of CRs on Release 5 only:
 - 72 CRs approved (TSG-RAN #22: 113).
- Number of CRs on Release 6 only:
 - 36 CRs approved (TSG-RAN #22: 43).
- Total number of CRs in RAN including Category A:
 - 304 CRs approved (TSG-RAN #22: 317)

ITU-R matters

- **The reminder for the Organisational Partners for submission in May was approved and is presented to the this meeting of TSG SA for endorsement prior to the sending to the PCG lists (Tdoc SP-040190)**
- **At ITU-R meeting in BUSAN end of February there has been some discussions about the necessity of providing an update every year. It was clarified that there is no requirement for doing so. It is hence up to the 3GPP to decide on the frequency of the updates. This will be reported as well to the next PCG in April.**
- **After discussion over the PCG exploder it was agreed to send the first element for the new update due in May 2005. While discussion took place at the ITU-R WP 8/F meeting, it was reminded that the update is not necessary but up to the organization to decide whether or not an update is required.**

Release 99 and Release 4

- **Load due to CRs on Release 99 is decreasing and their scope is more and more limited. From the numbers of CRs on Release 99 only 14 are concerning the RRC (25.331)**
- **Work on Repeaters still pending.**
- **TDD seems to approach the same level of completion as Release 99.**
- **New CRs have been introduced in Release 5 and 6**

Release 5

- **72 CRs (non cat. A) on Release 5 have been approved**
- **RAN WGs reviewed the impact of freezing the ASN.1 coding. It was felt premature to do that during this meeting but this decision was decided to be applicable after the next meeting. Advice was given to the WG2 and WG3 to check seriously the use of Isolated impact when modifying the ASN.1 for backward compatibility.**
- **IP/ATM inter-working has been a subject to major discussion in RAN. There is currently 3 solutions which were agreed to be incorporated in Release 5 and some companies found difficulties in accepting the introduction of any of the three solutions (IP/ATM IWF with reference to ITU-T specification only, Use of PWE3 only and allowing both). It was impossible to build a consensus. It was finally agreed that discussion could take place in between companies before a vote shall take place at the next meeting.**

Release 5 (continued)

- **Some discussion started on the requirements for terminals on HSDPA concerning potential power reduction. A request for system simulation work to be carried over was identified and some working assumptions have been proposed to be reviewed and agreed by email within a period of 2 weeks.**
- **The issue on co-ordination between GERAN and RAN on support of Iur is now solved.**
- **The Work on Release 5 CRs is increasing**

Release 6

- **On Iu enhancements for IMS support in RAN, discussion took place at the previous and the last but one meeting dealing with distinguishing between SIP user traffic and SIP signalling traffic for those RABs which are supposed to carry signalling traffic only.
A coordinated approach with SA2 and CN groups is necessary to handle mixed content. Currently this situation prevents completion of this the work in RAN.**
- **MBMS has been scrutinised by RAN to check the status of the work. A better view is now available due the joint meetings that were taking place during the previous period due to the co-location of WGs meetings. Major working assumptions were achieved from the Radio Access network.**

Release 6 (continued)

- **Work on UMTS800 & UMTS850 and UMTS 1700/2100 is now completed.**
- **The work on RAB support enhancement has focused on IMS voice over IP.**
 - **There was decision in RAN2 on optimization of the IP frame transport over the radio by specifying the parameters to be used when applying ROHC in between UE and the network.**
 - **Information from SA WGs on whether distinction between RTCP (signalling flows) and RTP (user traffic) can be discriminated in CN would help conclude analysis. Otherwise RAN will assume worst case and may discriminate in UTRAN.**

Release 6 (continued)

- **UE positioning Enhancement is progressing however better co-ordination between groups is needed.**
- **Work on AGPS performances has been started and a new specification is under development. It is still required that TSG SA and more specifically WG1 clarify the requirement urgently so that the WI can be completed in due time.**
- **Work on Network sharing is pending progress in TSG SA WG2**
- **Improved access to User Equipment measurement data for Controlling Radio Network Controller to support TDD Radio Resource Management (RRM) is now completed**

Release 6 (continued)

- **Network Assisted Cell Change (NACC) from UTRAN to GERAN network-side aspects could not be completed in due time and hence the completion of the work is moved to June 2004.**
- **Enhancement of the support of network sharing in the UTRAN has been linked to the SA2 and it is foreseen that it will take 3 months after completion of the work in SA2.**
- **OFDM Feasibility study seems to be possible to be completed in June I order to allow the discussion on the way forward at the PCG in October 2004.**
- **FS on Low Output Powers for general purpose FDD BSs was completed and it was concluded that no work was required as O&M solution has been agreed.**
- **Work on AGPS performances has been started and a new TM specification is under development.**
- **The work item for Beam-forming Enhancement has been closed after approval of the CRs**

Release 6 (continued)

- **Work on UMTS800 & UMTS850 is considered completed even though the band co-ordination required could not take place. So from a RAN perspective the two bands have been introduced as two independent bands.**
- **Work on the 1700/2100 band is completed as FCC has now allowed the use of this band.**

New Work items approved

- **Improvements of receiver performance of HSPDA UE for enhancing the performance of FDD system as building block**
- **Performance Requirements of Receive Diversity for HSDPA as a first work task attached to this building block**
- **Optimization of downlink channelization code utilization for FDD was approved as a building blocks however some clarification for the wording were tasked to WG1.**
- **A similar one for TDD was also approved in principle and TSG RAN WG1 was tasked to review the wording as for the one on FDD.**
- **A new work item on High Speed Uplink Packet Access was approved**

Project management

- **The revised WI Description Sheet was agreed, but RAN Feasibility Studies should be identified better**
- **Due to the reduction of TSG RAN meeting it was discovered that now it is more difficult to allow sufficient time for corridor discussion to come to agreement.**
- **RAN WG2 and WG3 have agreed to hold additional meetings as follows:**
 - RAN WG2 Ad Hoc meeting on MBMS, 20 - 22 April 2004.
 - RAN WG3#41 bis meeting, 30 March - 1st April 2004.
- **It was stressed that TSG RAN WG1 and TSG RAN WG4 shall look for co-located meeting so that better co-ordination is ensured for new work.**
- **There was discussion on the organization of a workshop on transition from 3G to four 4G following request of some delegations in ITU-R WP 8/F. PCG is requested to provide an opinion.**

TSG RAN Meeting Calendar

Meeting #	Date	Host	Location
24	02 - 04 June 2004		Korea
25	08 - 10 September 2004	North American Friends of 3GPP	Palm Springs, US
26	08 - 10 December 2004	European Friends of 3GPP	Athens, Greece

PCG#12 TSG RAN #22 & 23 Report



TSG RAN WG1 Meeting Calendar

Meeting #	Date	Host	Location
37	10-14 May 2004	North American Friends of 3GPP	Montreal, Canada
38	16 - 20 August 2004	European Friends of 3GPP	Prague, Czech Republic
39	15-19 November 2004	NEC	Shin Yokohama, Japan

TSG RAN WG4 Meeting Calendar

Meeting #	Date	Host	Location
31	10 - 14 May 2004	CATT	China
32	16 -20 August 2004	European Friends of 3GPP	Prague, Czech Republic
33	15 - 19 November 2004	NEC	Shin Yokohama, Japan

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TSG RAN WG2 & WG3 Meeting Calendar

Meeting #	Date	Host	Location
42	10 - 14 May 2004	North American Friends of 3GPP	Montreal, Canada
43	16 - 20 August 2004	European Friends of 3GPP	Prague, Czech Republic
44	4 - 8 October 2004	ETSI	Sophia Antipolis, France
45	15 - 19 November 2004	NEC	Shin Yokohama, Japan(TBC)

–RAN WG2 Ad Hoc meeting on MBMS, 20 - 22 April 2004.

–RAN WG3#41 bis meeting, 30 March - 1st April 2004.