3GPP TSG SA #22   SP-030752

MAUI, Hawaii USA, 15 – 17 December 2003

TSG-RAN #22 meeting Report

Source TSG-RAN Chairman

ALCATEL

SP-030752 TSG RAN #22 Report

Change Request Overview

- Number of CRs on Release '99 :
  - 29 CRs approved. (TSG-RAN #21: 40)
- Number of CRs on Release 4 only:
  - 30 CRs approved (TSG-RAN #21: 53).
- Number of CRs on Release 5 only:
  - 113 CRs approved (TSG-RAN #21: 128).
- Number of CRs on Release 6 only:
  - 43 CRs approved (TSG-RAN #21: 24).
- Total number of CRs in RAN including Category A:
  - 314 CRs approved (TSG-RAN #21: 245)

SP-030752 TSG RAN #22 Report

ITU-R matters

- A contribution, with information about the work ongoing within TSG RAN, was discussed for potential submission for Update 5 of the ITU-R Rec. M.1457.

- TSG SA is requested to provide guidance on whether or not an update will be provided in October 2004 to ITU-R Working Party 8/F.

- If TSG SA and PCG agree on this point, then it is required that Tdoc SP-030754 is endorsed to be sent for approval by the PCG as this document will be sent for ITU R WP8/F meeting in February.

- It seems that the process of updating M.1457 is taking more and more time and it is questionable if a discussion with the representative of ITU-R should not take place to try to look for a less constraining time schedule. TSG RAN Chairman is willing to attend the next meeting in Seoul to improve the process.

- Additionally, TSG RAN will produce Rel-6 versions of most of its specifications now (December 2003) so they can be sent for Update 4 of M.1457.

SP-030752 TSG RAN #22 Report

Release 99 and Release 4

- 29 R99 and 30 Rel-4 CRs (non cat. A) have been approved

- Load due to CRs on Release 99 is decreasing and their scope is more and more limited. Even though the number seems too high the impact on specifications is limited. For the first time several of them have been rejected because felt not really essential.

- More attention should be paid to this aspect as more stringent reaction can be awaited from several companies

- There are some difficulties to complete the work on Repeaters.

- Still some CRs on TDD LCR

SP-030752 TSG RAN #22 Report

Release 5

- **113 CRs (non cat. A) on Release 5 have been approved**

- **RAN WGs reviewed the impact on ASN.1 coding. It was not yes possible to agree to freeze this part for the WG2 and WG3 specifications after December 2003. This is foreseen to take place in March. The situation is as follows: RAN WG2 was unable to do that in December due to TS25.331 (RRC) mainly. RAN WG2 and RAN WG3 ASN.1 must be aligned, it is hence difficult to impose freezing in WG3 due to potential impact from the changes still required for the ASN.1 in WG2 specifications.**

- **The issue on co-ordination between GERAN and RAN on support of Iurg is now solved. The Work on Release 5 CRs is increasing**

SP-030752 TSG RAN #22 Report

Release 6

- **MBMS has been scrutinised by RAN to check the status of the work.**
  - **It is still difficult to clearly identified the completion date knowing that SA2 has not yet fully completed its work and some issues are still open within RAN from a RAN architecture perspective.**
- **Work on AGPS performances has been started and a new 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. The only part missing is the CR on the introduction of the 800 band in RRC.**

- **Work on the 1700/2100 band is almost completed as FCC has now allowed the use of this band. Completion is foreseen for the next meeting of TSG RAN**

SP-030752 TSG RAN #22 Report

Release 6 (continued)

- **The work on Iu enhancements for IMS support in RAN is pending discussion within SA and CN to determine whether or not distinction between RTCP (signalling flows) and RTP (user traffic) can be discriminated. If the answer from these groups is no then no work has to be carried out by TSG RAN.**

- **UE positioning Enhancement is progressing however co-ordination between group on this matter was detected to be an important issue.**

- **Work on Network sharing is pending progress in TSG SA WG2**

Release 6 (OFDM Study Item)

- OFDM feasibility study was agreed to be modified to restrict it to the same parameters as for WCDMA that is to say 5 MHz bands per carrier.

- The scope of the work has been reduced in order to comply with the June 2004 time schedule.

- It was felt that improvement could always been considered as part of the WI that will be established if the study items is conclusive and PCG give permission to RAN to carry on the work.

- The SI Description Sheet has been revised accordingly

SP-030752 TSG RAN #22 Report

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**

SP-030752 TSG RAN #22 Report

Project management

- **TSG RAN WG2 and WG3 have already planned to have six meeting next year and permission from the PCG will have to be obtained for WG3.**

- **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.**

SP-030752 TSG RAN #22 Report

TSG RAN Meeting Calendar

Meeting #	Date	Host	Location
23	10 - 12 March 2004	North American Friends of 3GPP	Phoenix, US
24	02 - 04 June 2004		Korea
25	08 - 10 September 2004	North American Friends of 3GPP	Palm Springs, US
26	07 - 10 December 2004	European Friends of 3GPP	Athens, Greece

SP-030752 TSG RAN #22 Report

TSG RAN WG1 Meeting Calendar

Meeting #	Date	Host	Location
36	16 - 20 February 2004	European Friends of 3GPP	Málaga, Spain
37	10-14 May 2004	North American Friends of 3GPP	Montreal, Canada (TBC)
38	16 - 20 August 2004	European Friends of 3GPP	Prague, Czech Republic
39	15-19 November 2004	NEC	Shin Yokohama, Japan (TBC)

TSG RAN WG4 Meeting Calendar

Meeting #	Date	Host	Location
30	9 - 13 February 2004	Rohde & Schwarz	Munich, Germany
31	10 - 14 May 2004		China
32	16 -20 August 2004	European Friends of 3GPP	Prague, Czech Republic
33	15 - 19 November 2004	NEC	Shin Yokohama, Japan(TBC)

The following Ad Hoc meetings are scheduled to take place in Espoo, Finland, in January 2004:

- 3GPP TSG RAN WG1 Release 6 Ad Hoc: 27th to 29th of January
- 3GPP TSG RAN WG4 A-GPS Ad Hoc: 28th & 29th of January
- Joint Ad Hoc between WG1 & WG4 on the uplink Peak-to-Average Ratio (PAR) studies: 30th of January

SP-030752 TSG RAN #22 Report

TSG RAN WG2 & WG3 Meeting Calendar

Meeting #	Date	Host	Location
40	12 - 16 January 2004	ETSI	Sophia Antipolis, France
41	16 - 20 February 2004	European Friends of 3GPP	Málaga, Spain
42	10 - 14 May 2004	North American Friends of 3GPP	Montreal, Canada (TBC)
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)