3GPP TSG-SA #19   SP-030182
Birmingham, UK, 17 - 20 March 2003

TSG-RAN #19 meeting Report

Source TSG-RAN Chairman

ALCATEL

Results of the elections in TSG RAN

– **No change for the Leaders of the TSG**

  • **Chairman Francois COURAU (Alcatel)**

  • **Vice Chairmen: Eisuke FUKUDA (Fujitsu) and Don ZELMER (Cingular)**

– **TSG RAN WG1: Dirk GERSTENBERGER (Ericsson)**

– **TSG RAN WG2: Denis FAUCONNIER (Nortel)**

– **TSG RAN WG3: Alexander VESELY (Siemens)**

– **TSG RAN WG4: Howard BENN (Motorola)**

CR Overview

- **Number of CRs on Release '99 :**
  - **50 CRs approved. Number is decreasing (TSG-RAN #18: 69)**
- **Number of CRs on Release 4 only:**
  - **86 CRs approved (TSG-RAN #18: 78).**
- **Number of CRs on Release 5 only:**
  - **178 CRs approved (TSG-RAN #18: 114).**
- **Number of CRs on Release 6 only:**
  - **30 CRs approved (TSG-RAN #18: 7).**
- **Total number of CRs in RAN including Category A:**
  - **344 CRs approved (TSG-RAN #18: 438)**

Release 99 and Release 4

- **Review of solutions for early Release '99 UE**

  After the approval of the CRs for the hooks over the Uu Interface at the last meeting, it has been impossible to come to an agreement for the solution over the Iu interface.
  As a course of action it was agreed that 3GPP TSG SA WG2 shall provide the full analysis of the two solutions (bitmap and IMEISV) in the core network. Hence 2 votes can take place at next plenary:
  - Which Release to apply the mechanism for the network side.
  - Which solution over the Iu interface

- **Layer 3 Filtering**
  It was agreed to remove in Release 5 the support of the linear option upon request from several Operators in order to simplify the Radio System. It is still possible for terminal to use it in Release 99 and Release 4 as it was felt too late to remove it.

Release 99 and Release 4 (continued)

- **Following 3GPP TSG RAN decision during its last meeting to freeze Release 99 and Release 4 it seems that some companies are still willing to re-open the debate by trying to introduce new CRs for frozen releases that are not totally necessary (e.g. changing a formula in an informative annex)! After lengthy discussion the meeting approved the CR.**

- **There was also several discussions in 3GPP TSG RAN WG4 on the support of compressed mode. So far the issue is not totally solved and studies are still carried over.**

Release 99 and Release 4 (continued)

- **The requirement for support of variable duplex frequency separation was discussed as some misalignment between the specification between WG2 and WG4 were highlighted. WG4 was tasked to investigate the issue.**

- **An issue was raised concerning emission limits of ITE (Information Technology Equipment) in UTRA frequency bands as discussed in CISPR.**
  It was found preferable that companies shall lobby national regulation. However RAN TSG RAN WG4 was tasked to review the situation and if found appropriate to send a liaison to CISPR.

Release 5

- **Work on Release 5 is almost complete:**
  - **HSDPA has been completed**
  - **Most of the work is now turned towards correction to Release 5. However there are still some performance issues to be solved within 3GPP TSG RAN WG4**
  - **ITU-R ad hoc is now progressing on the update 3 of M.1457. The draft version of the documents have been sent to the PCG for approval. However it has to be noted that this is for information and that the final version will be provided in September.**

Release 6

- **MBMS has been scrutinised by RAN to check the status of the work. It seems that stage 2 for the Radio Access Network can be finalised in September provided that TSG SA WG2 is not allowed to change any of its previous decisions.**

- **In addition a Liaison was received from 3GPP TSG SA WG4 requesting investigation of the delays for Real Time traffic. It was clarified that delays studies to be carried over by 3GPP TSG RAN WG2 and WG3 will take as a working assumptions the use of the already specified codecs. If any change would occur then new estimation would have to be studied.**

  It was highlighted that collaboration between the working groups is an important aspects of the work so as to ensure completion of the work in due time.

Release 6 (continued)

- **New Work items have been discussed for the use of UMTS in additional frequency bands for specific regions or countries. Following concern raised during the meeting, it has been agreed to clarify in 3GPP TSG RAN specifications that this is only valid in the relevant region or countries. This concern will be also reported to the PCG.**

  Furthermore, following the approval for the work item on 850 MHz the introduction of a new one for 800 MHz band is requesting close collaboration between the different regions working on that together with 3GPP TSG RAN WG4.

  An additional WI was also approved for the US for 1710—1755 and 2110—2155 MHz band. The same principle as for the two previous WI was agreed for inserting the region where such a band shall be used.

Release 6 (continued)

- **Following the requirements from the Subscriber & Equipment Trace WI in TSG SA WG5, the WI to cover the RAN work was discussed but finally not approved. Companies objected on the requirements themselves because of the load implied on the nodes. It was clarified that the work could start based on contribution and an analysis of the feasibility of requirements that could be indicated back to 3GPP TSG SA WG5. 3GPP TSG RAN WG3 was tasked to review the proposed WI.**

- **It is of high importance that companies involved 3GPP TSG RAN do understand the importance of completion date for WIs. This is sometime difficult to get a date that can be met and hence the 3GPP work plan is rather unstable and inaccurate.**

Release 6 and beyond

- **The following new Work Items/Study Items were approved:**
  - DS-CDMA introduction in the 800 MHz band
  - UMTS 1.7/2.1 GHz
  - Remote Control of Electrical Tilting Antennas
  - Network Assisted Cell Change from UTRAN to GERAN - network aspects
  - Iu enhancements for IMS support in the RAN
  - Feasibility Study for Low Output Powers for general purpose FDD BSs

Future meetings TSG-RAN

Meeting #	Date	Host	Location
20	03 - 06 June 2003	NOKIA	Hämeenlinna, Finland
21	16 - 19 September 2003	Siemens	Berlin, Germany
22	09 - 12 December 2003	ARIB/TTC/NA Friends of 3GPP	Hawaii, US
23	March 2004	China	TBD

Future meetings TSG-RAN WGs

TSG-RAN WG1

Meeting #	Date	Host	Location
32	7-11 April 2003	Samsung	Seoul, Korea
33	19-23 May 2003	European Friends of 3GPP	Paris, France
34	25-29 August 2003	North American Friends of 3GPP	New York, USA
35	6-10 October 2003	Samsung	Seoul, Korea
36	17-21 November 2003	European Friends of 3GPP	Lisbon, Portugal

TSG-RAN WG2

Meeting #	Date	Host	Location
35	07 - 11 April 2003	Samsung	Seoul, Korea
36	19 - 23 May 2003	European Friends of 3GPP	Paris, France
37	25 - 29 August 2003	European Friends of 3GPP	Europe
38	06 - 10 October 2003	ETSI	Sophia Antipolis, France
39	17 - 21 November 2003	Qualcomm	San Diego, US

Future meetings TSG-RAN WGs

TSG-RAN WG3

Meeting #	Date	Host	Location
35	07 - 11 April 2003	Samsung	Seoul, Korea
36	19 - 23 May 2003	European Friends of 3GPP	Paris, France
37	25 - 29 August 2003	European Friends of 3GPP	Europe
38	06 - 10 October 2003	ETSI	Sophia Antipolis, France
39	17 - 21 November 2003	Qualcomm	San Diego, US

TSG-RAN WG4

Meeting #	Date	Host	Location
27	19 - 23 May 2003	European Friends of 3GPP	Paris, France
28	18-22 August 2003	CATT	China
29	17 - 21 November 2003	Qualcomm	San Diego, US