

**3GPP/PCG#8 Meeting
New Orleans, United States
25 April 2002**

3GPP/PCG#8(02)07

22 April 2002
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Source: TSG RAN Chairman

Title: TSG RAN Management Report

Agenda item: 4.3

Document for:

Decision	
Discussion	
Information	X

PCG#8_07

New Orleans, April 25th and 26th 2002



TSG-RAN #14 & 15 meeting Report

Source TSG-RAN Chairman



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TSG-RAN #14 and 15 Report

- **OVERVIEW**

- **Number of CRs on Release '99 :**

- **247 and 191 CRs approved. Most of them were agreed to clarify and hence avoid misinterpretation + inclusion of the security aspects**

- **Number of CRs on Release 4 only:**

- **60 and 59 CRs approved.**

- **Number of CRs on Release 5 only:**

- **15 and 117 CRs approved. This high number is justified by the inclusion of HSDPA CRs**

- **Total number of CRs in RAN including Category A:**

- **545 and 588 CRs approved**

TSG-RAN #14 and 15 Report

- **RELEASE '99 and RELEASE 4**
 - **Review of functionality not used in Release '99 resulted in removal of no coding for FDD (from R'99 and Rel-4).**
 - **A letter to SDOs requiring that tables shall be provided by the 31st of May to ITU-R WP 8/F was endorsed by TSG-RAN. It will be sent to the PCG.**
 - **Joint meeting with TSG-T was held. TSG-RAN position on the use of the version agreed at TSG-RAN #15 for test elaboration was agreed: March 2002. Furthermore TSG-RAN WG groups have to support the review of prose description of test cases.**

TSG RAN #14 and 15 Report



- **RELEASE '99 and RELEASE 4 (Continued)**
 - **Completing UE positioning was agreed to be of high priority and hence proposals for work on new methods were rejected pending completion of the work at the Working group level.**
 - **There is still discussion on the usefulness of a bit indicating full or partial testing for terminal. The situation will be reviewed in June.**

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TSG-RAN #14 and 15 Report



- **RELEASE 5**

- **Work on Release 5 is almost completed**

- **HSDPA has been subject of a lot of CRs from TSG-RAN WG1, WG2 and WG3 (and some WG4). It is considered that the Stage 2 and Stage 3 activities are completed except the work to be done in TSG-RAN WG4. However it was agreed that the element to be included as a result of CRs approval could be referred by ITU-R WP8/F (see annex 1).**
 - **The ITU-R Ad Hoc group was tasked to provide a proposal in response to an LS from ITU-R WP8/F on the schedule for updating ITU-R M.1457.**

TSG-RAN #14 and 15 Report



- **RELEASE 5 (continued)**
 - The following work items have been completed:
 - **UMTS 1800 and 1900;**
 - **Enhancement on the DSCH hard split mode;**
 - **Radio Link Timing Adjustment;**
 - **Separation of resource reservation and radio link activation;**
 - **Iur Common Transport Channel Efficiency Optimisation;**
 - **Iur Neighbouring cell reporting Efficiency Optimisation;**

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TSG-RAN #14 and 15 Report



- **RELEASE 5 (continued)**
 - The following work items have been completed:
 - Node B synchronization for 1.28 Mcps TDD;
 - Re-arrangement of Iub transport bearers;
 - IP Transport in UTRAN;
 - UE Positioning Enhancements for 1.28 Mcps TDD;
 - RAN work for Intra Domain Connection of RAN Nodes to Multiple CN Nodes ("Iu-flex");

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TSG-RAN #14 and 15 Report



- **RELEASE 5 (continued)**
 - The following work items have been completed:
 - **High Speed Downlink Packet Access (HSDPA) - *Physical Layer*;**
 - **High Speed Downlink Packet Access (HSDPA) - *layer 2 and 3 aspects*;**
 - **High Speed Downlink Packet Access (HSDPA) - *Iub/Iur Protocol Aspects*.**

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TSG-RAN #14 and 15 Report

- **RELEASE 5 (continued)**
 - **List of almost completed Release 5 Work items where a delay is felt necessary by TSG-RAN**
 - **TDD Base Station Classification is proposed to be finalised at TSG-RAN #16;**
 - **Base Station Classification for 1.28 Mcps TDD option is proposed to be finalised at TSG-RAN #16;**
 - **Radio access bearer support enhancement is proposed to be finalised at TSG-RAN #16;**
 - **Support of Site Selection Diversity Transmission in UTRAN is proposed to be finalised at TSG-RAN #16;**

TSG-RAN #14 and 15 Report



- **RELEASE 5 (continued)**
 - **List of almost completed Release 5 Work items where a delay is felt necessary by TSG-RAN**
 - **High Speed Downlink Packet Access (HSDPA) - RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing is proposed to be finalised at TSG-RAN #16**

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TSG-RAN #14 and 15 Report

- **RELEASE 5 (continued)**
 - **One new work item for Rel-5 requested by the plenary has been discussed. This is concerning UTRAN Sharing for UE in connected mode.**
 - **The WI was approved, but some delegations requested a review of the potential impact on other parts of the network by TSG-SA WG2. The material already discussed in TSG-RAN WG3 is forwarded to the TSG-SA for this review.**
 - **It is requested that TSG-SA tasks TSG-SA WG2 to review this material urgently and provide comments to the next meeting of TSG-RAN WG3.**

TSG-RAN #15 Report

- **RELEASE 5 (continued)**
 - The problem resides in the fact that in connected mode there is currently no mechanism defined to re-direct the UE in a specific network when coming from a shared area into a non shared area.
 - It is proposed for completion in TSG-RAN #17 with a strong intent to finalise it for June.
 - This work item is not impacting the UE.

TSG-RAN #15 Report

- **RELEASE 5 (continued)**
 - **A CR on Location Services for GERAN in Iu Mode was presented to TSG-RAN. TSG-RAN delegates wondered why there should be a difference between the UTRAN Iu and the GERAN Iu on LCS, as would be introduced by this CR. This was agreed to be introduced in Release 5.**

TSG-RAN #15 Report

- **Status of Study items after TSG #15 RAN**
 - **Study items list**
 - **Radio link performance enhancements (Tx diversity): No change in the completion date**
 - **UTRA Wideband Distribution Systems (WDS) is due to be completed at TSG-RAN #19**
 - **Fast Cell Selection (FCS) for HS-DSCH: New completion date TSG-RAN #18**
 - **Mitigating the Effect of CPICH Interference at the UE was completed and a Work Item has been created (see later in this report).**

TSG-RAN #15 Report

- **Status of Study items after TSG #15 RAN**
 - **Study items list (continued)**
 - **SRNS Relocation Procedure enhancement is due to be completed at TSG-RAN #16**
 - **Introduction of Direct transport bearers between SRNC and Node B is due to be completed at TSG-RAN #16**
 - **Feasibility Study considering the viable deployment of UTRA in additional and diverse spectrum arrangements is due to be completed at TSG-RAN #17**
 - **Improvement of inter-frequency and inter-system measurements for 1.28 Mcps TDD is due to be completed at TSG-RAN #16**

TSG-RAN #15 Report

- **RELEASE 6**
 - **New Work beyond Rel-5 approved at TSG-RAN #15**
 - **Work Items**
 - **Improving Receiver Performance Requirements for the FDD UE (due for TSG-RAN #18). This is a WI resulting from the completed SI on Mitigating the Effect of CPICH Interference at the UE.**
 - **WI "Improvement of RRM across RNS and RNS/BSS " (RP-010947) [R3; for TSG-RAN #18]**
 - **WI "Beamforming enhancements" (RP-010953) [R1; for TSG-RAN #16]**

TSG-RAN #15 Report



- **RELEASE 6 (continued)**
 - **Study Items**
 - **UE Antenna efficiency test methods and requirements (due for TSG-RAN #18).**
This is a new version of a study item already agreed to be closed in a previous meeting. MBMS has been reviewed and it was felt that a workshop shall be organised between at least TSG-SA WG1, TSG-SA WG2, TSG-GERAN and TSG-RAN (but open to all of 3GPP) following a proposal established by several companies See Tdoc SP 020171

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TSG RAN #14 and 15 Report

- **Release 6 (Continued)**
 - **One workshop with 3GPP2 was held in New Brunswick (NJ-USA) to study possible harmonisation on HSDPA together with 1 EX EV DO and 1 EX EV DV. Due to the level of completion of these items it was felt difficult to re-open the issue. However for future work it was agreed to work together on:**
 - **Channel Model definition**
 - **Traffic models**
 - **Definition of harmonised requirement for UE when defining new functionality**
 - **This has already been endorsed by correspondence by the PCG in January**

TSG RAN #14 and 15 Report



- **Beyond Release 6**
 - **At the TSG RAN#14 a study item was presented on a new modulation scheme (OFDM) that could be of interest for 3GPP. It was felt necessary that a discussion shall take place at the PCG to know whether or not this could be part of the mandate of 3GPP. The study item was therefore sent in January for preliminary consideration to the PCG.**

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Future meetings TSG-RAN



Meeting	Date	Host	Location
RAN#16	04 - 07 June 2002	Motorola	Marco Island, FL, USA
RAN#17	03 - 06 September 2002	Alcatel	Biarritz, France
RAN#18	03 - 06 December 2002	North American Friends of 3GPP	New Orleans, LA, USA
RAN#19	11 - 14 March 2003	UK Friends of 3GPP	Jersey, Channel Islands (British Isles)
RAN#20	3 - 6 June 2003	Nokia	tbd, Finland
RAN#21	16 - 19 September 2003		
RAN#22	09 - 12 December 2003		

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TSG-RAN WG1

Meeting	Date	Host	Location
#26	09 - 12 April 2002	Nortel Networks	Paris, France
#27	13 - 16 May 2002	Samsung Electronics	Gyeongju , Korea
#28	02 - 05 July 2002	Nokia, Sonera , TAC , Elisa , Finnet	Oulu, Finland
#29	20 - 23 August 2002	North American Friends of 3GPP	tbd, USA
#30	24 - 27 September 2002 (tbc)	Samsung	tbd, China
#31	12 - 15 November 2002		

TSG-RAN WG2

Meeting	Date	Host	Location
#28	08 - 12 April 2002	J-Phone	Kobe , Japan
#29	13 - 17 May 2002	Samsung Electronics	Gyeongju , Korea
#30	24 - 28 June 2002	Omnitel	Torino , Italy
#31	19 - 23 August 2002	Ericsson	tbd, Sweden
#32	23 - 27 September 2002	CATT	Xi'an , China
#33	11 - 15 November 2002	ETSI	Sophia Antipolis, France

TSG-RAN WG3



Meeting	Date	Host	Location
#28	08 - 12 April 2002	J-Phone	Kobe , Japan
#29	13 - 17 May 2002	Samsung Electronics	Gyeongju , Korea
#30	24 - 28 June 2002	Omnitel (tbc)	tbd, Italy (tbc)
#31	19 - 23 August 2002	Ericsson	tbd, Sweden
#32	23 - 27 September 2002	CATT	Xi'an , China
#33	11 - 15 November 2002	ETSI	Sophia Antipolis, France

TSG-RAN WG4

Meeting	Date	Host	Location
#22	03 - 05 April 2002	ETSI	Sophia Antipolis, France
#23	13 - 17 May 2002	Samsung Electronics	Gyeongju , Korea
#24	12 - 16 August 2002	Nokia	tbd, Finland
#25	11 - 15 November 2002	North American Friends of 3GPP	tbd, USA

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