3GPP TSG-SA #16   SP-020360

Marco Island, FL, USA, 10 - 13 June 2002

TSG-RAN #16 meeting Report

Source TSG-RAN Chairman

ALCATEL

TSG-RAN #16 Report

- **OVERVIEW**
  - **Number of CRs on Release '99 :**
    - **141 CRs approved. Number is decreasing (TSG-RAN #15: 191) but still significant**
  - **Number of CRs on Release 4 only:**
    - **44 CRs approved (TSG-RAN #15: 59).**
  - **Number of CRs on Release 5 only:**
    - **101 CRs approved (TSG-RAN #15: 117).**
  - **Number of CRs on Release 6 only:**
    - **1 CR approved.**
  - **Total number of CRs in RAN including Category A:**
    - **610 CRs approved (TSG-RAN #15: 588) (higher due to Rel-5 Category A)**

TSG-RAN #16 Report

- **RELEASE '99 and RELEASE 4**
  - **Review of solutions for early Release '99 UE (including Marker bit). E-mail discussion to take place up to end of July (moderator Alan Law from Vodafone) in order to allow WGs to elaborate CRs for TSG-RAN#17**
    - **Tdoc SP-020388 contains description of potential solutions to provide network with means to handle behaviour of UEs that have been modified**
  - **Recommendations to WGs to handle Release '99 CRs established to minimise number of unnecessary CRs to R'99 and Rel-4 (see also Annex 1)**

TSG-RAN #16 Report

- **RELEASE 5**
  - **Work on Release 5 is almost complete:**
    - **CRs to correct HSDPA have started to fly in for approval. Also corrections approved for:**
      - **Enhancement of DSCH hard split mode**
      - **Radio Link Timing adjustment**
      - **IP transport in UTRAN**
    - **The following work items have been completed:**
      - **TDD BS Classification**
      - **Low Chip Rate TDD BS Classification**
      - **Support of Site Selection Diversity transmission in UTRAN**
      - **PDCP RFC 3095 Context Relocation (as part of RAB Support enhancement)**
      - **CR on Tightening of inter-cell soft-handover performance requirements for 144 kbps and 384 kbps tests agreed for Rel-6 (as part of Improving Receiver Performance Requirements for FDD UE)**

TSG-RAN #16 Report

- **RELEASE 5 (continued)**
  - **Work on Release 5:**
    - **HSDPA RF to be finished by September 2002, except Tx diversity (to be finished by December)**
    - **Work on UTRAN sharing for UE in connected mode could not be concluded for this meeting. Choice of solution left for next meeting. If TSG-RAN WG3 cannot conclude, decision will be made by Vote at TSG-RAN #17. Information to be forwarded on RAN exploder at end of July for vote.**
    - **Process to incorporate modifications due to GERAN for Iur: RAN approved the CRs in principle but requests PCG endorsement of the way forward**
    - **Liaison to ITU – T was agreed on AAL2 issues. It will be sent to PCG for approval and then forwarded to ITU-T Coordinator ad hoc chairman**

TSG-RAN #16 Report

- **RELEASE 6**
  - **Status of Work Items after TSG-RAN #16:**
    - **Change of completion date:**
      - **Improvement of RRM across RNS and RNS/BSS to be completed by TSG-RAN #18**
    - **Following the workshop organised in May 02, TSG-RAN WG2 was tasked to elaborate a TR on radio requirements for MBMS (UTRAN and GERAN). A new version of the WI sheet was agreed to align the terminology and take into account the output from the workshop**

TSG-RAN #16 Report

- **RELEASE 6 (continued)**
  - **Status of Study Items after TSG-RAN #16:**
    - **The following study item has been completed:**
      - **Introduction of Direct transport bearers between SRNC and Node B:**
        Completed without conclusion as opinions diverge on applicability for ATM/AAL2 versus IP for TNL even though operators expressed support for the issue
    - **Change of completion date:**
      - **SRNS Relocation procedure enhancement: to be completed at TSG-RAN #17**
      - **Feasibility Study considering the viable deployment of UTRA in additional and diverse spectrum arrangements: to be completed at TSG-RAN #18**
      - **Improvement of inter-frequency and inter-system measurement for 1.28 Mcps TDD: to be completed at TSG-RAN #17**

TSG-RAN #16 Report

- **RELEASE 6 (continued)**
  - **New Work beyond Rel-5:**
    - **New WIs approved at TSG-RAN #16:**
      - **No new Work Item was approved at this meeting**
    - **New SIs approved at TSG-RAN #16:**
      - **SI on Enhancements to OTDOA Positioning using advanced blanking methods; completion date TSG-RAN #19**
      - **SI on OFDM analysis for UTRAN evolution; completion date TSG-RAN #20 following the PCG agreement.**

- **RELEASE 6 (continued)**
    - **New Work beyond Rel-5 (continued)**
        - **It was agreed to start elaborating a report on Radio Access Bearers evolution to handle streaming and real time application.**
            - **Involvement of TSG-SA WG1 to provide guidance on the requirements and TSG-SA WG4 for the technical parameters is felt necessary and also TSG-SA WG2**
        - **Relation with AISG (with respect to copyrights and IPRs) to be clarified by PCG**

Future meetings TSG-RAN

TSG-RAN

Meeting	Date	Host	Location
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	03 - 06 June 2003	Nokia	Tampere, Finland
RAN#21	16 - 19 September 2003	Siemens	tbd, Germany
RAN#22	09 - 12 December 2003	ARIB/TTC/NA Friends of 3GPP	tbd, USA

TSG-RAN WG1

Meeting	Date	Host	Location
#27	02 - 05 July 2002	Nokia, Sonera, TAC, Elisa, Finnet	Oulu, Finland
#28	19 - 22 August 2002	North American Friends of 3GPP	Seattle, WA, USA
#29	08 - 11 October 2002	Samsung	tbd, China
#30	?? - ?? January 2003		San Diego, CA, USA (tbc)
#31	?? - ?? February 2003		Japan (tbc)

TSG-RAN WG2

Meeting	Date	Host	Location
#30	24 - 28 June 2002	Omnitel	Torino, Italy
#31	19 - 23 August 2002	Ericsson	Stockholm, 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
#30	24 - 28 June 2002	ETSI	Sophia Antipolis , France
#31	19 - 23 August 2002	Ericsson	Stockholm , 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
#24	12 - 16 August 2002	Nokia	tbd, Finland
#25	11 - 15 November 2002	North American Friends of 3GPP	tbd, USA

TSG-RAN #16 Report Annex1

- **Guidance on Further CRs proposed by TSG RAN WG for Release 99**
  - **It was agreed that a set of rules shall be provided to Working groups within 3GPP TSG RAN Working Groups in order to ensure a consistent approach between the different working groups.**
  - **TSG RAN Working groups are tasked to review the status of the stage 2 documents and consider which one could be turned into reports.**
  - Before a CR can be considered as essential for Release'99 the following questions shall be considered
    - Is the correction needed because the system cannot function correctly without this correction? If the answer is no then the CR is not essential for Release'99.

Guidance on Further CRs proposed by TSG RAN WG for Release 99 (continued)

Furthermore, linked CRs shall be presented all together in a separate document for approval at RAN with an indication of the leading CR so that they can be approved or rejected at the same time. Please remember that all CRs shall be of the same category and that reference to the CR shall be indicated in the 'other specs impacted' element, even when the linked CRs are coming from different Working Groups this rules. The above information shall be incorporated on the CR cover sheet