

# **RAN 4 Report**

# **RP-030588**

**Howard Benn**  
**RAN 4 Chairman**

# Summary

- **1 RAN WG4 meeting after the last RAN meeting**
- **Usual number of delegates (around 80),**
- **300 input contributions**
- **Corrections to the specification (cat B & F numbers)**
  - **Release 99 - 5 CRs**
  - **Release 4 - 5 CRs**
  - **Release 5 - 23 CRs**
  - **Release 6 – 31 CRs**
- **There will be one WG meeting before the next plenary.**

# Actions from RAN #21

- **To change the misleading reference to IS-95 for the correct to cdma2000 (RP-030422)**
  - Action still open – references in all technical reports need to be checked. This does not appear in any technical specifications

# Release 99 Issues

- **Number of CRs increased**
  - From 1 to 5
  - Mainly as a result of test specifications issues being generated for 25.133 Annex A by T1
    - Some discussions on whether Annex A should be removed from 25.133, however it was felt there should be no change for the time being
  - It would be prudent to expect a few more at the next RAN meeting

# Ongoing Discussions

- **Variable duplex spacing**
  - Variable Duplex Requirements for Band I, II, and III was discussed
  - More time needed to finalise discussions
  - Email discussion on-going
- **ACS**
  - Requirement to specify the UE ACS value at higher test point
  - More time needed to finalise discussions  
Email discussion on-going

# Issues reported at RAN 21

- **Combining of TPC commands in soft handover**
  - “There was a short debate on how to proceed in order to agree a revision before the plenary. The best approach is to continue discussion in the reflector and if companies reach an agreement, a revised version can be brought there as a company contribution. Else, discussion will continue in the next WG4 meeting”
  - Will be covered at next RAN 4 meeting, general agreement on the need for a R99 CR
- **Proposal for Node B test setup over Iub received**
  - There were concerns on the introduction of this new feature under the TEI item. It was recommended to the proponents to propose a WI, or SI, so the group has a clear mandate to perform the work

# Issues reported at RAN 21

- **New UMTS Band**

- CR agreed for channel arrangements for Band IV, V and VI
- CR agreed at RAN4 meeting for UMTS-850 WI performance requirements
- CR agreed at RAN4 meeting for UMTS-800 WI performance requirements
- LS sent to RAN 2 on the need for band signalling indicator to address regulatory and specification requirements
- UMTS-1700/2100 WI, final FCC order was not available for WG4#29, CR's still to be agreed in next meeting.

# Issues reported at RAN 21

- **A-GPS**

- Two ad-hoc session took place.
- It was proposed to create a separate specification for A-GPS performance to cover both UE based and UE assisted.
- A 'draft' specification document will be used to progress further discussions
- An 'A-GPS' RAN4 reflector which has been created.
- Depending on progress a ad-hoc session may occur in Jan 2004



# Issues reported at RAN 21

- **HSDPA**
  - Main issue being discussed is how TFC should be specified due to the addition of the new code (HS-DPCCH). RAN4 CR on this requirement was requested to be delayed due to ongoing discussions in RAN1/2
  - Also discussed is proposal for reduction in TX power when ONLY HS-DPCCH is transmitted at max power due PAR increase due to addition of new code (HS-SCCH). LS sent to RAN1

# Work and Study Items

WI name	WI acronym	%	Finish date
UMTS 850	RInImp-UMTS850	100%	Sep-03
DS-CDMA Introduction in the 800 MHz Band	RInImp-UMTS800	100%	Sep-03
UMTS 1.7/2.1 GHz	RInImp-UMTS1721	90%	Dec-03
Multiple Input Multiple Output Antennas - RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing	RInImp-MIMO-RF	15%	Dec-04
A-GPS minimum performance specification	LCS-UEPos-AGPSPerf	30%	Jun-04

SI name	Acronym	%	Finish date
FS on UTRA Wideband Distribution System	RInImp-WDS	60%	Mar-04

# Future Meetings

- RAN 4 - 9 - 13 Feb R&S Munich
- RAN - 9 - 12 Mar China(TBD)
- RAN 4 - 10 - 14 May (China)
- RAN - 1-4 Jun Korea
- RAN 4 - 16-21 Aug Prague
- RAN - 7-10 Sept US
- RAN 4 - 15-19 Nov Japan
- RAN 7-10 Dec TBD