

# **RAN 4 Report RP-040281**

**Howard Benn  
RAN 4 Chairman**

# Summary

- **1 RAN WG4 meeting after the last RAN meeting**
- **Joint adhoc held with RAN 1**
- **Usual number of delegates (around 80)**
- **~200 input contributions**
- **Corrections to the specification (cat B & F numbers)**
  - **Release 99 - 3 CRs (all linked with T1 issues)**
  - **Release 4 - 0 CRs**
  - **Release 5 - 5 CRs**
  - **Release 6 – 16 CRs**
- **There will be one WG meeting before the next plenary.**

# **Actions from RAN #23**

- **Review HSDPA UE power Rel 6 CR**
  - CR approved
  - One company rejected the CR but in order to prevent a vote at plenary withdraw their objection
- **Cubic Metric agreed by RAN 1/4 as output power assessment criteria going forward**
  - Email reflector set up to agree parameters
  - RAN 1 agreement to use this in their EUL assessments

# Issues

- **Coexistence with the satellite component**
  - ETSI SES presented an LS asking RAN 4 to investigate coexistence with the terrestrial component
  - Delegates thought RAN should be informed and comment
- **RET Antennas**
  - Some changes may be required to the RAN 4 base station test specifications

# Issues reported at RAN #24

- **MBMS**

- Joint meeting held with RAN 1
- Measurement occurrences discussed
- Ongoing RAN 4 work needed
- No RAN 4 work item

- **Problems Related to Downlink Outer Loop Power Control Requirements**

- Agreed to introduce a new test
- Simulation work started
- Target to have CR by Dec

# R99 CRs

25.133	676		F	R99	R4-040390	Redrafting of alignment of the activation time definition between TS 25.133 and TS 25.331
25.133	682		F	R99	R4-040441	Removal of Cell_FACH requirements for GSM observed time difference measurement
25.133	690		F	R99	R4-040455	Change of test parameter for event triggered reporting with event 1B

All related to T1 testing issues

# Rel 5 CRs

25.101	360		F	Rel-5	R4-040526	Clarification of HS-DSCH level	TEI5
25.101	362	1	F	Rel-5	R4-040569	Correction to OCNS code allocation for HSDPA testing	TEI5
25.123	344		F	Rel-5	R4-040404	Correction to UTRA Carrier RSSI measurement and other corrections in test cases	LCRTDD-RF
25.133	688	1	F	Rel-5	R4-040552	Removal of square brackets from requirements for number of reporting criteria for traffic volume measurements in cell_FACH state	TEI5
25.133	691	1	F	Rel-5	R4-040561	FDD/FDD Hard Handover test case clarification	TEI5

# Highlights

## A-GPS

- **Work completed**
- **25 hours conference calls**
  - **Organised and chaired by Don Zelmer (Cingular)**
  - **Excellent progress made**
  - **Worked well due to well defined issue list**
    - **Thanks to Lucent (Man)**
- **Several adhocs held during the RAN 4 meeting**
- **All key technical parameters agreed**
- **TS 25.171 presented for approval**

# Highlights

## U-TDOA

- **TR presented**
  - **Limited RAN 4 impact**
  - **Timescales for LMU specification seem reasonable**
    - **June 2006**
- UE Receive Diversity for HSDPA**
- **CR presented for approval**



# Work and Study Items

WI name	WI acronym	%	Finish date
FDD Enhanced Uplink: RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing	EDCH-RF	10%	Jun-05
Multiple Input Multiple Output Antennas - RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing	RInImp-MIMO-RF	5%	Mar-05
A-GPS minimum performance specification	LCS-UEPos-AGPSPerf	100%	Sep-04
Improved Receiver Performance Requirements for HSDPA	RInImp-HSPerf		Sep-04
Performance Requirements of Receive Diversity for HSDPA	RInImp-UERxHSPerf-RxDiv	90%	Sep-04

# Future Meetings

- RAN - 7-10 Sept US
- RAN 4 - 15-19 Nov Japan
- RAN 7-10 Dec Greece
- RAN 4 - 14-18 Feb US