

RAN 4 Report
RP-020776

Howard Benn
RAN 4 Chairman

Summary

- **1 RAN WG4 meeting after the last RAN meeting**
- **Usual number of delegates (around 80),**
- **314 input contributions**
- **Corrections to the specification (cat F numbers)**
 - **Release 99 - 12 CRs**
 - **Release 4 - 31 CRs**
 - **Release 5 - 17 CRs**
- **Additions**
 - **Release 5 – 3 CRs**
 - **Release 6 – 5 CRs**
- **There will be one WG meeting before the next plenary.**

RAN Action status

- **Layer 3 filtering**
 - Several input papers but no consensus reached
 - RAN 4 request 1 additional meeting period to resolve the issue
- **Request from TFES to agree BS classification CRs**
 - Basic CRs agreed
 - The work is very close to conclusion, not all parameters agreed upon to complete the work item
 - RAN requested to make the decision on whether to approve the CRs before the WI is 100 % completed

Release 99

- **FDD**
 - 25.101 –TPC combining test case
 - 25.104/ 25.141 – GSM co-existence
- **TDD**
 - 25.105 – Spurious emissions
 - 25.102/25.142 – Reference measurement channel

Release 99

- **RRM**

- Correction of interruption time in FDD/FDD Hard Handover
- Correction of Measurement Occasion Patterns for BSIC Reconfirmation
- Required Window size for measurements using IPDL
- UE timer accuracy
- Correction of UE parameter for Random Access test
- Transmitted power requirements in compressed mode

Release 99 - 25.133

- **Cell identification**
 - **Some companies have raised concerns over the cell identification time for inter-frequency handover**
 - **Simulation results presented during the meeting have shown problems in meeting the requirements for Inter-frequency cell identifications with certain transmission gap pattern configurations.**
 - **Additional simulations to be completed by the next RAN 4 meeting**

Release - 4

- **FDD (6 CRs)**
 - 25.104/25.141 IPDL off value
 - -35 dB – vote not needed
 - 25.104 – regional requirements
 - 25.141 – General corrections
 - 25.133 - Total received power density definition for the BS
- **TDD (11 CRs)**
 - 25.102/25.105/25.142 – General corrections
 - 25.123 – LCR TDD corrections

Release 4

- **Repeaters (12 CRs)**
 - **Many small corrections**
- **EMC 25.113/34.121 (2 CRs)**
 - **Updated to reflect changes in international recommendations**
 - **General corrections**

Release 5

- **FDD**

- 25.104 - FDD GSM 850 / PCS 1900 co-existence in the Same Geographic Area
- 25.104 – TX diversity
- 25.104 – general corrections
- 25.133 - CPICH RSCP report mapping

- **TDD**

- 25.105 - Spurious emission requirements for unsynchronised TDD
- 25.105 - Correction of adjacent channel leakage power definition
- 25.123 - PCCPCH and CPICH RSCP range extension

HSDPA

- **FDD**

- FRC completed and CR presented
- QPSK class added
- VRC simulations completed
 - 10 companies provided results
 - Work to be completed over email reflector
 - Possible adhoc end Jan
- New test proposed
- Node B complete

- **TDD**

- 3.84 Mcps option
 - Complete
- 1.28 Mcps option
 - FRC completed and CR agreed.
 - 4 companies presented results
 - VRC simulation assumptions agreed
 - Expected finalisation RAN4#26
 - Node B aspect complete

Work/Study Items

Name	Acronym	Start	Finish	compl.
HSDPA RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing	HSDPA-RF	April-01	<u>Sept-02</u>	<u>90%</u>
Base station classification	RInImp-BSCClass	Aug-00	Dec-02	
FDD Base station classification	RInImp-BSCClass-FDD	Aug-00	Dec-02	<u>95%</u>
TDD Base station classification	RInImp-BSCClass-TDD	Aug-00	June-02	<u>100%</u>
Base Station Classification for 1.28 Mcps TDD option	RInImp-BSCClass-LCRTDD	June-01	June-02	<u>100%</u>
FS on UTRA WideBand Distribution Systems	RInImp-WDS	March-01	March-03	<u>40%</u>
FS for the viable deployment of UTRA in additional and diverse spectrum arrangements	RInImp-UMTSBands	Sept-01	March-03	<u>75%</u>
Improving Receiver Performance Requirements for the FDD UE	RInImp-UERecPerf	March-02	Dec-02	<u>xx%</u>

Release 6

- **Spectrum report**
 - Request by CWTS not to present TDD papers at RAN 4 meeting
 - due to issues over visa's the Chinese delegates could not attend

Future Meetings

- **RAN#18 3 - 6 December 2002, New Orleans ,USA**
- RAN 4 17 - 21 Feb - Madrid, EF3
- **RAN#19 - 11 - 14 March 2003, Birmingham, UK**
- RAN 4 - 19-23rd of May 2003 Paris EF3
- **RAN#20 - 3 - 6 June 2003, Hämeenlinna , Finland**
- RAN 4 - 18 - 22 Aug - Xian, China CATT
- **RAN#21 - 16 - 19 September 2003 Berlin, Germany**
- RAN 4 - 17 - 21 Nov Qualcomm - San Diego
- **RAN#22 - 9 - 12 December 2003 HI , USA**