

Agenda item 3
Title: Final Report of 3GPP TSG RAN WG1 #55 v1.0.0
(Prague, Czech Republic, 10 – 14 November, 2008)
Document for: Comment
Source: MCC Support



Fact Summary

Meeting: 3GPP TSG RAN WG1 #55
Dates: 10th through 14th November, 2008
Venue: The Clarion Congress Hotel in Prague, CZECH REPUBLIC
Host: European Friends of 3GPP
Attendees: 165 delegates
Documents: 626 (including some withdrawn and post-meeting artefacts)

Patrick Mérias
ETSI Mobile Competence Center
F-06921 Sophia Antipolis Cedex
Tel: +33 4 92 94 42 06

Patrick.merias@etsi.org

Table of contents

Executive summary	4
1. Opening of the meeting	6
1.1 Call for IPR	6
2. Approval of the agenda.....	6
3. Approval of the minutes from previous meeting	6
4. Liaison statement handling	7
5. Maintenance of UTRA Release 99 – Release 8	10
6. Maintenance of Evolved UTRA and UTRAN.....	13
6.1 Corrections for TS 36.211	16
6.2 Corrections for TS 36.212	21
6.3 Corrections for TS 36.213	25
6.3.1 Ad Hoc session on CQI	39
6.4 Corrections for TS 36.214	41
6.5 Corrections for TS 36.306	42
7. Dual-Cell HSDPA Operation on Adjacent Carriers	43
8. Enhanced CELL_FACH state in 1.28 Mcps TDD (UL/DL)	46
9. Continuous Connectivity for packet data users for 1.28Mcps TDD	47
10. MIMO for 1.28Mcps TDD.....	48
11. Study Item on LTE-Advanced	49
11.1 Bandwidth extension.....	50
11.2 UL transmission scheme	53
11.3 DL transmission scheme	57
11.4 Coordinated Multipoint Transmission/Reception (COMP).....	59
11.5 Relaying	62
12. Review of DOB compromise proposal	62
13. Closing of the meeting	63
Annex A: List of participants at RAN1 #55.....	64
Annex B: TSG RAN WG1 meetings in 2009	65
Annex C: List of CRs agreed at RAN1#55.....	66
Annex D: List of Outgoing LSs from RAN1#55	74
Annex E: List of Tdocs at RAN1 #55	75
Annex F: List of actions	76

Executive summary

3GPP TSG WG RAN1 #55 meeting took place in Clarion Congress Hotel, Prague, CZECH REPUBLIC.

The meeting started at 9:10 on Monday 10th November and finished at 17:10 on Friday 14th November 2008.

The week was scheduled as follows:

- Monday: Common session on Agenda items 1, 2, 3, 4, 6, partially 6.1, 5 and 7.
- Tuesday: Common session dedicated to corrections to TS36.211 (AI 6.1), TS36.214 (AI 6.4) and TS36.213 (AI 6.3).
- Wednesday morning: Parallel sessions on Agenda item 11.1 chaired by Dirk Gerstenberger and Agenda item 6.3 (CQI) chaired by Juho Lee
- Wednesday afternoon: Parallel sessions on Agenda item 11.2 chaired by Dirk Gerstenberger and Agenda item 6.2 chaired by Sadayuki Abeta.
- Thursday morning: Parallel sessions; Continued discussion for LTE-Advanced (AI 11) chaired by Dirk Gerstenberger. Dedicated discussion on RNTI chaired by Hidetoshi Suzuki.
- Thursday afternoon: Continue discussions w.r.t LTE-Advanced in main meeting room till coffee break chaired by Dirk Gerstenberger. Parallel discussions w.r.t LTE-36.213 (AI 6.3) chaired by Sadayuki Abeta and w.r.t TDD (AI 8, 9 and 10) chaired by Dirk Gerstenberger.
- Friday morning: Common session on Agenda items 6.1 and 6.3.
- Friday afternoon: Revisions

The list of action points that required RAN1 close follow-up is listed in Annex F (end of document).

The number of contribution documents for this meeting was 605, and those documents were categorized as followed.

Agenda Item	Input Document	Discussed Document
Liaison statement handling	26	25
Maintenance of UTRA R99 – Rel8	34	30
Maintenance of Evolved UTRA and UTRAN	279	218
Dual-Cell HSDPA Operation on Adjacent Carriers	17	13
Enhanced CELL_FACH in 1.28Mcps TDD (UL/DL)	8	4
Continuous Connectivity for Packet Data users for 1.28Mcps TDD	12	11
MIMO for 1.28Mcps TDD	10	10
Study Item on LTE-A: Evaluations	22	14
Study Item on LTE-A: Bandwidth extension	37	6
Study Item on LTE-A: UL transmission scheme	48	11
Study Item on LTE-A: DL transmission scheme	34	-
Study Item on LTE-A: COMP	40	10
Study Item on LTE-A: Relaying	32	4
DOB	3	1

Note: The amount of documents includes those discussed during the email discussion session post meeting.

The following document are missing. The corresponding contributions have not been handed over by companies.

R1-084112	The uplink resource allocation based on beamforming for LTE-Advanced	ZTE
R1-084116	Hybrid Relay used in different Scenarios	ZTE
R1-084230	Considerations on the UL control channels in MIMO PUSCH	Panasonic
R1-084289	Improving spectrum utilization for carrier aggregation in LTE-A	CATT,RITT
R1-084486	DVRB for Beamforming	CATT
R1-084603	UE emission control	Motorola

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.