Agenda item

Title: Draft Report of 3GPP TSG RAN WG1 #51 v1.0.0

(Jeju, South Korea, 5 – 9 November, 2007)

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Fact Summary

Meeting: 3GPP TSG RAN WG1 #51

Dates: 5th through 9th November, 2007

Venue: The Shilla Jeju Hotel, Jeju, KOREA

Host: Samsung Electronics

Attendees: 171 delegates

Documents: 592 (including some withdrawn and post-meeting artefacts)

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Executive summary

3GPP TSG WG RAN1 #51 meeting took place in Shilla Jeju Hotel, Jeju, SOUTH KOREA.

The meeting started at 9:10 on Monday 5th November and finished at 16:30 on Friday 9th November 2007.

The week was scheduled as follows:

- Monday: Common session on AI's 1, 2, 3 and 4 Parallel session (from the morning coffee break) for AI's 5, 7, 8 and 10 chaired by Dirk Gerstenberger and discussions on 6.4.5 chaired by Juho Lee.
- Tuesday: Parallel session for AI's 6.1 and 6.7 chaired by Dirk Gerstenberger and continuing discussions on 6.4.5 chaired by Juho Lee. Afternoon → Common session on continuing discussions on AI 6.7 −Parallel session (from the coffee break) for AI 6.4.2 and discussions on AI 6.3 chaired by Sadayuki Abeta.
- Wednesday: Common session on AI's 6.4.3, 6.2.3 and 6.2.5. From 8:00PM, parallel session for AI 6.2.7 and continuing discussions on AI 6.2.3 chaired by Stefan Parkvall.
- Thursday: 8:00-9:30AM Parallel session on Synchronized E-DCH (AI 9) and continuing discussions on CQI (6.4.5 chaired by Juho Lee) Common session on AI's 6.2.4, 6.2.1, 6.2.2 and 6.2.6.
 - o 3GPP Farewell beer party from 9:30PM
- Friday: Common session on AI's 6.5, 6.4.1 and 6.4.6. Review of the parallel sessions results on UE procedures for DL shared channel, Channel coding and Downlink Control signalling.

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 565, and those documents were categorized as followed.

Agenda Item	Input Document	Discussed Document
Liaison statement handling	32	30
Maintenance of R99, Rel4, Rel5, Rel6, Rel7	34	34
Evolved UTRA and UTRAN	466	121
Combination of Higher Order Modulation and MIMO in HSDPA (FDD)	4	4
Enhanced Uplink for Cell_FACH State in FDD	13	13
Other Study Items	16	14

It is noticed that, at meeting start, roughly 10% of the input documents were resubmission of contributions from previous WG meetings.

The following set of documents is missing. The corresponding contributions have not been handed over by companies.

R1-074590	HARQ Process Identity for SU-MIMO	Motorola
R1-074597	Impact of PUSCH Puncturing to Accommodate ACK/NACK	Motorola
R1-074629	Distributed DVRB mapping for EUTRA downlink	Philips



R1-074662	25214CR0475 (Rel-7, F), Alignment of E-TFCI BetaED Switch with RRC signalling	Nokia, Nokia Siemens Networks
R1-074781	ACK/NAK DTX Detection in PUSCH	Samsung
R1-074792	UL time-first mapping	Samsung
R1-074798	Uplink CQI report format	Samsung
R1-074839	DL Idle subframes	Ericsson
R1-074846	Multiple Uplink ACK/NACK transmission in TDD PUCCH	Ericsson
R1-074847	On RACH in narrow bandwidths	Ericsson
R1-074947	Dedicated RS structure for DL beamforming	Qualcomm Europe
R1-074973	Feedback need in support of TDD precoding	Qualcomm Europe
R1-075010	Special Time slot configuration for LTE frame-structure FS2	TD Tech
R1-075093	[Draft] LS on UE capability	Panasonic, NTT DoCoMo

Opening of the meeting

Mr. Dirk Gerstenberger (RAN1 Chairman) welcomed the participants to the 51st RAN WG1 meeting and opened the meeting at 09:10.

Dr. Joonyoung Cho from Samsung Electronics welcomed the delegates and informed them about logistic issues during lunch break to avoid as much as possible congestion at the hotel's restaurants. He also announced that Samsung had kindly decided to offer lunch free of charge to 3GPP delegates.

1.1 Call for IPR

The Chairman drew attention to Members' obligations under the 3GPP Partner Organizations' IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP.

The attention of the members of this Technical Specification Group is drawn to the fact **that 3GPP Individual Members have the obligation** under the IPR Policies of their respective Organizational Partners to **inform their respective** Organizational Partners **of Essential IPRs they become aware of**.

The members take note that they are hereby invited:

- to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
- to notify the Director-General, or the Chairman of their **respective** Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms http://webapp.etsi.org/lpr/).

2. Approval of the agenda

R1-074525	Draft Agenda for RAN1#51 meeting	RAN1 Chairman
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Dirk Gerstenberger (Chairman) proposed the agenda for the meeting.

Discussion (Question / Comment): Mr Chairman noticed no inputs to AI 6.4.4 and 11 and consequently decided to skip them.

Decision: The agenda was approved.



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