

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Minutes of IEEE 802.16 Session #35	
Date Submitted	2005-01-27	
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Re:	IEEE 802.16 Session #35 Minutes (Sanya, Hainan, China)	
Abstract		
Purpose	To record minutes of the IEEE 802.16 Working Group's Opening and Closing Plenary meetings.	
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.	
Release	The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.	
Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures < http://ieee802.org/16/ipr/patents/policy.html >, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair < mailto:chair@wirelessman.org > as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site < http://ieee802.org/16/ipr/patents/notices >.	

Minutes of IEEE 802.16 Session #35

IEEE 802.16 Working Group

Sanya, Hainan, China

24-27 January 2005

Opening Plenary

Call to Order

Roger Marks called the meeting to order at 1:00 pm, 24 January 2005.

IEEE 802.16 Working Group Officers

Chair: Roger Marks

Vice Chair: Ken Stanwood

Secretary: Dean Chang, taking the minutes of the Opening Plenary meeting

Hosts

Corporate Host: Huawei Technologies

Individual Hosts: Lucy Chen and Kathy Woo

Message from Host

Chen Zhaohui, Senior VP of Huawei, provided a welcome address.

Attendance

Attendance Sign-In procedure:

Attendance Intervals: 10 [Mon pm; Mon night; Tue am; Tue pm; Tue night; Wed am; Wed pm; Thu am; Thu pm; Thu night]

"Participation" Requirements: 7 intervals

No Attendance Books; electronic only

Attendance credit is not granted for participation in meetings of other Working Groups at interim sessions.

Agenda

Motion 1: Mariana Goldhamer, to approve the Opening Plenary Meeting Agenda as presented, 2nd Phillip Barber.

Motion 1: approved by unanimous voice vote.

See <http://ieee802.org/16/meetings/mtg35/opening.html>

Motion 2: Phillip Barber, to approve Minutes of Session #34 (IEEE 802.16-04/76), 2nd Shawn Taylor.

Motion 2: approved by unanimous voice vote.

The Chair took note of Motion 15 from Session #34, "to authorize the Working Group to conduct business at Session #35, with or without a formal quorum."

Chair's Status Report (IEEE 802.16-05/004)

The Chair presented a report, including rules of operation for the IEEE 802.16 Working Group.

Copyright Procedures

The Chair reviewed copyright procedures and referred to the following link, which covers information regarding copyrights for documents submitted to IEEE 802.16:

<http://ieee802.org/16/ipr/copyrights>

IEEE-SA Rules (Patents)

The following advice was provided by the Chair:

The IEEE's Patent Policy is consistent with the ANSI patent policy and is described in Clause 6 of the IEEE SA Standards Board Bylaws;

Early disclosure of patents, which may be essential for the use of standards under development, is encouraged;

Disclosures made of such patents may not be exhaustive of all patents that may be essential for the use of standards under development, and that neither the IEEE, the WG nor the WG Chairman ensure the accuracy or completeness of any disclosure or whether any disclosure is of a patent that in fact may be essential for the use of standards under development.

Slide #1 ("IEEE-SA Standards Board Bylaws on Patents in Standards") and Slide #2 ("Inappropriate Topics for IEEE WG Meetings") were shown.

An opportunity was provided for WG members to identify or disclose patents that the WG member believes may be essential for the use of that standard.

One question was made regarding a patent by AT&T Wireless which has been transferred to another party. As soon as possible, the Chair will send another letter to the legal counsel to the new company that owns this patent.

No responses were given regarding this announcement.

IEEE-SA News

A new procedure is being developed for IEEE-SA Sponsor Ballot. IEEE-SA calls this "myBallot." For more information, see <http://standards.ieee.org/sa/ballotnews.html>.

Schedule for the Week

The schedule for the week was presented, including meetings from all task groups. A few changes were made to the schedule for the NetMan and Maintenance Task Groups. See <http://ieee802.org/16/meetings/mtg35/schedule.html>.

Contribution Procedures

<http://wirelessman.org/submit.html>

Submittals that violate the procedures will not be accepted.

Maintenance Task Group

Jon Labs, Chair

Itzik Kitroser, Editor

Presented Opening Report (IEEE 802.16maint-05/002).

Developing Corrigendum "P802.16-2004/Cor 1" [corrections to IEEE Std. 802.16-2004]

As of 14 December, Ken Stanwood resigned as Chair and Jon Labs was appointed.

At Session #34, Task Group agreed to create Working Document on approved comments; unresolved remaining comments from Session #34 were placed in IEEE 802.16maint-04/04r9
Call for Reply Comments was made, resulting in IEEE 802.16maint-04/09r1

No proposed resolutions were submitted.

IEEE 802.16maint-04/09r1

287 Comments 687 reply comments

154 technical

133 marked editorial (however some are technical)

Working Document IEEE 802.16maint-04/10 incorporates all resolved comments except for a few due to lack of time.

Call for comments on Working Document; results in IEEE 802.16maint-05/01.

100 comments excluded due to incorrect document reference.

IEEE 802.16maint-05/01r1

152 comments

8 resolved

432 non late comments

100 corrected comments, marked as Late

2 late comments

Plans for the Week

Resolve comments in IEEE 802.16maint-04/09r1

Resolve “non-late” comments in IEEE 802.16maint-05/01r1

Resolve late comments in IEEE 802.16maint-05/01r1

There are a total of 439 comments to resolve this week.

Responses to

(a) Call for Comments on Working Document [results in IEEE 802.16maint-05/01r1]

(b) Call for reply comments on comments carried forward [results in IEEE 802.16maint-04/09r1]

Expected Motion at the Closing Plenary

“To accept, as a Working Group Draft, the TG Maintenance Working Document (IEEE 802.16maint-04/10) as modified by the comment resolutions (IEEE 802.16maint-04/09rXX and IEEE 802.16maint-05/01rXX) and open a Working Group Letter Ballot on that Draft (P802.16maint/D1)”

Network Management Task Group

Phillip Barber, Chair

This group will meet Wed and Thurs AM/PM

There will many liaison activities between a wide variety of groups.

WG Letter Recirculation Ballot #16a Comment Resolution for P802.16f/D2

26 comments

30 reply comments

1 contribution

Thursday AM

The group will review P802.16g contribution presentations

TG Call for Comments on IEEE 802.16g-04/04 (baseline document)

9 comments received

2 previous contributions from Session #34

1 new contribution

P802.16f: Completion of WG Recirculation Ballot #16a on Draft P802.16f/D2 [created by Editor Joey Chou]; comments to resolve this week (IEEE 802.16-05/002r1)

However, the Working Group cannot open Sponsor Ballot in time to close it before Session #36. The ballot must run at least 30 days, preceded by Working Group Recirculation #16b of at least 15 days, but there are only six weeks between Session #35 and #36. In addition, the sponsor ballot group has not yet been formed; this requires at least 30 days. Also, we need IEEE 802 EC permission to proceed to Sponsor Ballot; an email vote requires about two weeks.

P802.16g: At Session #34, adopted Baseline Task Group Document IEEE 802.16g-04/03 [created by Editor Jose Puthenkulam] Need to resolve comments (IEEE 802.16g-05/001)

TGC

Gordon Antonello, Chair

No new input received in response to Call for Comments on Working Document. Meeting are scheduled anyway.

Licensed-Exempt Task Group

Mariana Goldhamer, Chair

P802.16h PAR approved by IEEE-SA Standards Board on 2004-12-08

Responses to Call for Contributions (IEEE 802.16h-05/01) will be considered at meetings this week.

Task Group e

Brian Kiernan, Chair

Ron Murias, Technical Editor

Mr. Kiernan presented an Opening Report (IEEE 802.16e-05/001).

Sponsor Ballot ran 05 Oct to 04 Nov 2004; result: 74 Approve/58 Disapprove, with 1977 comments

Comments resolved at Session #34 (plus remaining 427 in email poll of 22 Nov-3 Dec) [results in IEEE 802.16-04/69r4]

Draft P802.16e/D5a produced by Editor Ron Murias

Comment Resolutions reviewed by Ballot Resolution Committee recirculation (see IEEE 802.16-04/79, which included the rules for this ballot)

Report of BRC recirculation: 362 comments [IEEE 802.16-05/001r1], plus some additional ones (including 15 lost comments)

The development schedule was reviewed for this week. There are three different options, one for March 2005 approval, another for April/May 2005 approval and one more for June 2005 approval. March 2005 is unlikely. To have approval in April, Session #35 would need to be the last meeting in which 802.16e draft would be considered. The third alternative is approval in June 2005.

Expected Closing Plenary Motion: "To accept IEEE 802.16-04/69r4 and IEEE 802.16-05/001r? (which supercedes IEEE 802.16-04/69r4 in case of conflict) as the Sponsor Ballot comment resolutions, develop Draft P802.16e/D6 based on those resolutions, and initiate Sponsor Ballot Recirculation"

Liaison

IEEE 802 has initiated a China Liaison Official position and named Roger Marks to serve. Letters are indexed on IEEE 802.16 Liaison web page.

CCA Report

Report deferred to the Closing Plenary

TTA Report

Report deferred to the Closing Plenary

ETSI BRAN Report

Mariana Goldhamer presented IEEE L802.16-05/010.

HiperMAN has harmonized with IEEE Std 802.16-2004. Completed and now published.

Testing standards are being developed by ETSI STF 252 – PICS and also TSS&TP. Also ATS, there are already 250 test cases and the work will be continued in 2005 with completion expected in April 2005.

Work on common contribution with IEEE 802.16 to ITU-R WG 9B.

There is now a Converged Fixed-Nomadic System Reference document in 3.4-3.8 GHz frequency bands. Reaction from regulators has been quite positive.

Call for contributions to support nomadic applications. Contributions needed for continuing the 802.16-HiperMAN harmonization, especially 802.16e.

ITU-R Report

José Costa

Report on input to ITU-R WP 9B (IEEE L802.16-05/001, IEEE L802.16-05/001r1, IEEE L802.16-05/001r2)

Report on IEEE contribution to ITU-R JTG 6-8-9 on “Characteristics of IEEE 802.16 Systems in 2500-2690 Mhz” (IEEE L802.16-04/42r3)

Report on IEEE contribution to ITU-R WP 8F on “Services and Market for the Future Development of IMT-2000 and Systems Beyond IMT-2000” (IEEE L802.16-04/37r2). This document was already approved at the last Working Group meeting.

Proposed IEEE Contribution to ITU-R WP 8A (IEEE C802.16-05/001)

Wed at 12:30pm there will be a meeting to discussion on ITU-R input. About 4-6 people raised their hand to indicate that they will attend this meeting.

3GPP2 Report

Marks reported on a letter from 3GPP2 TSG-S (IEEE L802.16-05/003) and attachment (IEEE L802.16-05/004) regarding NetMan TG. At Session #34, Scott Migaldi had been appointed as the liaison to this group from IEEE 802.16. The NetMan TG is charged with drafting a response to the letter.

802.21 Report

Marks reported that 802.21 WG is seeking a new liaison from 802.16 (following resignation of David Johnston). Phil Barber proposed Ronny Kin for this role. An appointment will be made at the Closing Plenary.

Future Sessions

Session #36: 13-18 March 2005 at the Hyatt Regency Atlanta, GA, USA with the IEEE 802 Plenary Session

Session #37: 2-5 May 2005 Sorrento, Italy

Session #38: 18-21 July 2005: San Francisco, CA, USA with IEEE 802 Plenary Session

Session #39: 12-15 Sept 2005 Taipei

Session #40: 14-17 November 2005: Vancouver, BC, Canada with IEEE 802 Plenary Session

New Business

Nothing discussed.

Closing

Motion 3: Brian Kiernan, to adjourn the meeting 2nd Lei Wang.

Motion 3: carries by unanimous voice vote.

The meeting was adjourned at 3:45pm on 24 January 2005.

Closing Plenary

Call to Order

Roger Marks called the meeting to order at 7:17 pm, 27 January 2005.

IEEE 802.16 Working Group Officers

Chair: Roger Marks

Vice Chair: Ken Stanwood

Acting Secretary: John Humbert, taking the minutes of the Closing Plenary meeting

Agenda

Jonathon Labs requested to move the Maintenance TG report to later in the agenda

Motion to take a 10 minute recess by Mr. Murias then 2nd by Shawn Taylor

Approved by voice vote

After the recess, Jonathan Labs requested to leave the agenda as originally proposed

Motion 1: José Costa, to approve the Closing Plenary Meeting Agenda as presented, 2nd Itzik Kitroser

Motion 1: approved by unanimous voice vote.

See <http://ieee802.org/16/meetings/mtg35/closing.html>

Departure Logistics

Comments from Jim Carlo. Hotel will let participants pay their hotel bill early and then leave in the morning.
Hotel arranging airport transportation.

Maintenance Task Group

Jon Labs, Chair

Itzik Kitroser, Editor

Jonathan Labs presented the closing report from the Maintenance TG for Session #35 (IEEE 802.16maint-05/003).

Motion 2:

“To accept, as a Working Group Draft, the TG Maintenance Working Document (802.16maint-04/10) as modified by the comment resolutions (802.16maint-04/09r3 and 802.16maint-05/01r3) and open a Working Group Letter Ballot on that Draft (802.16-2004/Cor1/D1)”

Motion 2: Mr Labs, 2nd Mr Ullman

Motion 2: Passed : Accepted 25 for 5 against

{Note: The Working Group Chair believes that this is a recording error and that the motion passed unanimously.}

Schedule: See 802.16maint-05/003

Discussion on what happens if the group does not meet the schedule. There is some risk that the group would not be able to do comment resolution at the next meeting.

What is the scope of the next recirculation ballot? It is in scope to provide comments regarding material that is not in the corrigendum draft but is in error in the base standard. Other things that are in scope are errors in the corrigendum draft.

Request made to change the closing time to something other than AOE for this ballot.
The WG Chair stated that he is not inclined to change the deadline.

Conformance Task Group

Report postponed until later in the agenda because the presenter was not present
Gordon Antonello later presented the TGC Closing Report (IEEE 802.16C-05/002).
The WG Chair pointed out that there have been 4 or 5 calls for contributions. Gordon wants to do one more call for contributions before considering ending activities on this project.
Conformance Task Group now has volunteers for vice-chair and editor

License-Exempt Task Group

Mariana Goldhamer presented the TG's Closing Report (IEEE 802.16h-05/005r2).

Will have a call for contribution to go out soon. It is not yet written.

Network Management Task Group

Chair Phillip Barber was not available. Itzik Kitroser presented the NetMan TG Closing Report (IEEE 802.16netman-05/002).

There is an issue about which Task Group should address enhancements to the convergence sublayer. The issue of adding PPPoE was brought up in the Maintenance TG but ruled out of scope because it is not in the base document. It does not seem to fit in 16e because it applies only to fixed networks. The WG Chair suggested that this might be within scope of 16g if the wording is carefully crafted.

Motion 3: "To develop and issue the Working Group Draft P802.16f/D3-2004, and initiate a Working Group Letter Ballot recirculation to close around February 21, 2005." D3 to be created in accordance with the comment resolutions in 802.16-05/002r2.

Motion 3: Itzik 1st, 2nd Scott Migaldi
Motion 3: Motion carries by unanimous vote

Motion 4: "To forward P802.16f/D3-2004 to the EC for approval, pending the successful outcome of a WG Confirmation Letter Ballot, to Sponsor Ballot"

Motion 4 : Itzik 1st, 2nd Jose Puthenkulam
Motion 4 carries 33 Approve 0 Opposed

Timing considerations make it impossible for the sponsor ballot to be finished in time for Session #36.

Task Group e

Brian Kiernan presented the TGe Closing Report (IEEE 802.16e-05/002).

Motion 5: "To accept IEEE 802.16-04/69r4 and IEEE 802.16-05/001r2 (which supersedes IEEE 802.16-04/69r4 in case of conflict) as the Sponsor Ballot comment resolutions, develop Draft P802.16e/D6 based on those resolutions, and initiate Sponsor Ballot Recirculation."

Motion 5 : Brian Kiernan 1st, Panyuh Joo 2nd
Motion 5 carries 41 approve, 0 oppose

Schedule discussion:

* Need to generate version D6 in the next 2-3 weeks to get comments back for the March meeting, The next recirculation will be 15 days.

* Brian solicited volunteers to assist in referencing the comments from the BRC recirculation to the original comments submitted in the sponsor ballot recirculation of D5. The original commenters may have no idea about the work that was done in the BRC recirculation and comment resolution. This group needs to check with the sponsor ballot pool members to see if they are willing to change their votes.

* Panyuh Joo, Jose Puthenkulam, Brian Johnson, Jun Han, Yossi Segal (volunteered by Itzik Kitroser, who is a possible alternate), and Beomjoon Kim volunteered.

The purpose of this meeting is to prepare the package that goes to the next round of sponsor ballot. This includes a new draft, the changes from D5, and a list of the technical binding comments that were not satisfied.

A question arose as to discussions regarding hiring a professional editor. The WG Chair said that this has not been arranged but is still under discussion,.

Jose Puthenkulam stated that he has changed his vote on the 802.16e Sponsor Ballot from Disapprove to Approve.

Liaison

ITU-R Report

Mr. JoséCosta presented a report on ITU-R ad hoc activities

See IEEE L802.16-05/006

ETSI BRAN Liaison

Ms. Mariana Goldhamer presented a proposed ETSI BRAN Liaison letter

See IEEE L802.16-05/007

- Motion 6: To approve liaison letter IEEE L802.16-05/007 to ETSI BRAN
- Motion 6: Marrana , 2nd Mr Costa
- Motion 6: Motion Carries 31 Approve 0 Disapprove

3GPP2 Liaison Response

Mr. Scott Migaldi proposed a 3GPP2 Liaison Response

Discussion of the draft text for Liaison letter back to 3GPP and 3GPP2

- Motion 7: To approve forwarding the liaison letter as discussed in the meeting to 3GPP and 3GPP2. See number IEEE L802.16-05/011
- Motion 7: Scott Migaldi, 2nd Mr Kiernan
- Motion 7 carries, 21 Approve 0 Disapprove

TTA PG302 Report

Panyuh Joo presented a report on TTA activities

See IEEE L802.16-05/002

CCSA Report

Roger Marks reviewed a letter from CCSA TC5 (IEEE L802.16-05/005).

Marks proposed a response (IEEE L802.16-05/008)

- Motion 8: To approve forwarding the liaison letter IEEE L802.16-05/008to CCSA TC5.
- Motion 8: Jim Mollenauer, 2nd Mariana Goldhamer
- Motion 8 carries: 38 Approve 0 Oppose

802.21 Update

Roger Marks stated that Ronny Kim is appointed as the Liaison to the 802.21 WG.
Ronny Kim provided an update on 802.21 activities.

Current and Future Sessions

Session #35

Roger Marks thanked Lucy Chen and Kathy Woo for all of their efforts that went into sponsoring the meeting.
Discussion on a proposed letter to the host acknowledging Huawei efforts in hosting the event.

Motion 9: To forward a letter to Huawei thanking them for sponsoring Session #35 in Sanya (IEEE 802.16-05/005)

Motion 9: Mr Taylor, 2nd Mr Castelow

Motion 9 Carries by unanimous voice vote

[Session #36](#): 14-17 March 2005: Atlanta, GA, USA with [IEEE 802 Plenary Session](#)

- Registration is now open for this session, and the hotel rooms have been reported as being sold out.
- Tutorials Planned for March 2004 LMSC Plenary. These come in as requests. 3 tutorial requests have come in. One of particular interest is called "4G Neighborhood Area Networks," sponsored by Stuart Kerry

[Session #37](#): 2-5 May 2004: Sorrento, Italy

- Update provided by Giulio Cavalli. Specific information is now on the 802.16 Session #37 web page.

[Session #38](#): 18-21 July 2005: San Francisco, CA, USA with [IEEE 802 Plenary Session](#)

[Session #39](#): 12-15 Sept 2004, Taipei. Report presented by Arthur Wang (IEEE C802.16-05/002r2).

[Session #40](#): 14-17 November 2005: Vancouver, BC, Canada with [IEEE 802 Plenary Session](#)

Publicity

The Chair was authorized, without objection, to prepare a Session #35 Report.

New Business

Attendance Process Review

- Problem with electronic attendance system due to LAN issues. The WG Chair is going to grant attendance to anyone who registered for and attended Session #35 except in extenuating circumstances.

Electronic Process Upgrades

- The WG Chair recognized Greg Phillips for arranging the donation of a new server and for working to get it running this week. He also recognized Nikhil Goel for help in setting up the server and generating the attendance script.

Jose Puthenkulam proposed a liaison letter to the TTA

- Motion 10: Authorize the Chair of 802.16 to forward IEEE L802.16-05/009r3 to the TTA, subject to editorial revision
- Motion 10: Jose Puthenkulam 2nd Panyuh Joo
- Motion 10 carried: 26 Approve, 0 Disapprove

Closing

Motion 11: Jose Puthenkulam, to adjourn the meeting 2nd Jonathan Labs.

Motion 11: carries by unanimous voice vote.

The meeting was adjourned at approximately 11 pm on 27 January 2005.

Attendance List: IEEE 802.16 Session #35 24-27 January 2005 in Sanya, Hainan, China

Finalized 2005-02-06 to include the 313 attendees, including 301 with "participation" credit.

Participated*	Name \Given	Name \Family	Company	City	State\Province	Country
Yes	Ray	Abrishami	Fujitsu Microelectronics America	Sunnyvale	CA	USA
Yes	Edward	Agis	Intel Corp.	Newbury Park	CA	USA
Yes	Siavash	Alamouti	Intel	Hillsboro	OR	USA
Yes	Mario	Aliotta	Siemens Mobile Communication	Cassina de Pecchi (MI)		Italy
Yes	Avner	Aloush	Alvarion	nethanya	ID	Israel
Yes	Dov	Andelman	Intel Corp.	Raanana		Israel
Yes	Gordon	Antonello	Wi-LAN Inc.	Calgary	AB	Canada
Yes	Sanjeev	Athalye	Qualcomm Inc.	San Diego	CA	USA
No	David	Ayoun	Intel	Tel Aviv		Israel
Yes	Ravi	Ayyr	ZTE San Diego	Plano	TX	USA
Yes	Sung Kwan	Baek	Posdata	Seoul	Gyeonggi-do	Korea
Yes	Sanjay	Bakshi	Intel	Hillsboro	OR	USA
Yes	Phillip	Barber	Broadband Mobile Technologies	Frisco	TX	USA
Yes	Kevin	Baum	Motorola Inc.	Schaumburg	IL	USA
Yes	Mario	Bedoya Martinez	picoChip	Bath		UK
Yes	Izhar	Bentov	Adavcom	San Diego	CA	USA
Yes	Rajesh	Bhalla	ZTE Communications	San Diego	CA	USA
Yes	Yufei	Blankenship	Motorola	Schaumburg	IL	USA
Yes	Eckard	Bogenfeld	Deutsche Telekom	Darmstadt		Germany
Yes	Thomas	Brown	Fujitsu Network	Richardson	TX	USA
Yes	Sean	Cai	ZTE Communications	San Diego	CA	USA
Yes	James	Carlo	J.Carlo Consulting	Dallas	TX	USA

Yes	David	Castelow	Airspan Communications Ltd	Uxbridge		UK
Yes	Giulio	Cavalli	Siemens Mobile Communication	Cassina de' Pecchi (MI)		Italy
Yes	Chan-Byoung	Chae	Samsung Electronics	Suwon		Korea
Yes	John	Chan	Wi-LAN Inc.	Calgary	AB	Canada
Yes	Dean	Chang	Aperto Networks	Milpitas	CA	USA
No	Hongsung	Chang				
Yes	Jae Hwan	Chang	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Sungcheol	Chang	ETRI	Daejeon		Korea
Yes	Jim	Chao	Lucent Technologies	Naperville	IL	USA
Yes	Jennifer	Chen	ZTE San Diego	San Diego	CA	USA
Yes	Jie	Chen	China Academy of Telecommunication Research, MII	Beijing		China
Yes	Yuehua (Lucy)	Chen	Huawei Technologies Co., Ltd.	Beijing		China
Yes	Woon Hau	Chin	Institute for Infocomm Research	Singapore		Singapore
Yes	Aik	Chindapol	Siemens	Princeton	NJ	USA
Yes	Hua (Mary)	Chion	ZTE Communications	San Diego	CA	USA
Yes	Jaehae	Cho	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Jaeweon	Cho	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	James	Cho	Samsung Electronics Ltd.	Suwon	Gyeonggi-do	Korea
Yes	Kihyoung	Cho	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
Yes	Yang-Seok	Choi	Intel	Hillsboro	OR	USA
Yes	Joey	Chou	Intel Corp.	Chandler	AZ	USA
Yes	Jin Young	Chun	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
Yes	Jin Yong	Chung	SOLiD Technologies	Seoul		Korea

Yes	Kyuhyuk	Chung	LG Electronics Inc.	Anyangsi	Gyeonggi-do	Korea
Yes	Brian	Classon	Motorola Inc.	Schaumburg	IL	USA
Yes	José	Costa	Nortel Networks	Ottawa	ON	Canada
Yes	Richard	Creighton	Picochip Designs Ltd	Bath		UK
Yes	Mark	Cudak	Motorola Inc.	Schaumburg	IL	USA
Yes	Shujun	Dang	Huawei Technologies	Beijing		China
Yes	Joël	Demarty	Sequans Comm.	Paris 19		France
Yes	Pascale	Diaine	France Telecom R&D	South San Francisco	CA	USA
Yes	Wim	Diepstraten	Motorola	Utrecht		Netherlands
Yes	Lakshminath	Dondeti	Nortel Networks	Billerica	MA	USA
Yes	Xiaolu	Dong	China Academy of Telecommunication Research, MII	Beijing		China
Yes	Frank	Draper	Wavesat Inc.	Dorval	PQ	Canada
Yes	Chongyou	Du	Alcatel	Shanghai		China
Yes	Krzysztof	Dudzinski	Airspan Communications Ltd	Uxbridge		UK
Yes	Tomas	Edler	Ericsson AB	Stockholm		Sweden
Yes	Carl	Eklund	Nokia Inc.	Helsinki		Finland
Yes	Yigal	Eliaspur	Intel Corp.	Jerusalem		Israel
Yes	Oren	Elkayam	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	Andrei Alexandru	Enescu	Redline Communications Romania	Bucharest		Romania
Yes	Kamran	Etemad	Nextel Communications	Reston	VA	USA
Yes	Frank	Exeler	Siemens AG	Bocholt		Germany
Yes	Torsten	Fahldieck	Alcatel	Stuttgart		Germany
Yes	Shijun (James)	Fan	ZTE San Diego	San Diego	CA	USA
Yes	Yonggang	Fang	ZTE San Diego	San Diego	CA	USA
Yes	Dazi	Feng	ZTE San Diego	San Diego	CA	USA
Yes	Mo-Han	Fong	Nortel Networks	Ottawa	ON	Canada

Yes	Bogdan	Franovici	Redline Communications	Markham	ON	Canada
Yes	Avraham	Freedman	Hexagon System Engineering Ltd.	Petah-Tikva		Israel
Yes	Zou	Fumin	Fujian University of Technology			China
Yes	Mike	Geipel	Axxcelera	Richmond	VA	USA
Yes	Pieter-Paul	Giesberts	Motorola	Utrecht		Netherlands
Yes	Nikhil	Goel	nex-G Systems	Singapore		Singapore
Yes	Marc	Goldburg	ArrayComm	San Jose	CA	USA
Yes	Mariana	Goldhamer	Alvarion Ltd.	Tel Aviv		Israel
Yes	Reza	Golshan	Fujitsu Microelectronics America, Inc.	Sunnyvale	CA	USA
Yes	Daning	Gong	China Academy of Telecommunication Research, MII	Beijing		China
Yes	John	Graham	picoChip Inc.	San Diego	CA	USA
Yes	Qiang	Guo	Motorola, Inc.	Libertyville	IL	USA
Yes	Zion	Hadad	Runcom Technologies Ltd.	Rishon Le Zion		Israel
No	Yung	Hahn	Intel Corporation	Hillsboro	OR	USA
Yes	Jun	Han	ZTE Communications	San Diego	CA	USA
Yes	Jung Ho	Han	Samsung Electronics, Co., Ltd.	Suwon	Gyeonggi-do	Korea
Yes	Seishi	Hanaoka	Hitachi, Ltd.	Tokyo		Japan
Yes	Chris	Hansen	Intel Corporation	Hillsboro	OR	USA
Yes	Haixiang	He	Nortel Networks	Billerica	MA	USA
Yes	Peng	He	China Academy of Telecommunication Research, MII	Beijing		China
Yes	Gregory	Henderson	Research In Motion	Irving	TX	USA
No	Nageen	Himayat				
Yes	Minnie	Ho	Intel Corp.	Santa Clara	CA	USA
Yes	Yoshen	Hou	Zimax	Carlsbad	CA	USA

Yes	Chang-Lung	Hsiao	M300, CCL/ITRI	Chutung, Hsinchu		Taiwan
Yes	Peter	Huang	ZTE Communications	Shenzhen		China
Yes	Zhaoyun (Laura)	Huang	Nortel Networks	Germantown	MD	USA
Yes	Benjamin	Hui	ZTE San Diego	San Diego	CA	USA
Yes	John	Humbert	Sprint	Overland Park	KS	USA
Yes	Yerang	Hur	Posdata America R&D Center	Santa Clara	CA	USA
Yes	In Seok	Hwang	Samsung Electronics	Su-won	Gyeonggi-do	Korea
Yes	Bin-Chul	Ihm	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
Yes	Prakash	Iyer	Intel Corp.	Beaverton	OR	USA
Yes	Jiho	Jang	Samsung Electronics	Suwon	Gyeonggi-Do	Korea
Yes	Jaeho	Jeon	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Moo Ryong	Jeong	DoCoMo USA Labs	San Jose	CA	USA
Yes	Yong Seok	Jin	LG Electronics Inc.	Anyang		Korea
Yes	Brian	Johnson	Nortel Networks	Germantown	MD	USA
Yes	Panyuh	Joo	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Samuel	Kang	Intel Corp. (Korea)	Seoul	Gyeonggi-do	Korea
Yes	Shanfeng	Ke	Huawei Technologies Co. Ltd	Shenzhen	Guangdong	China
Yes	Masud	Kibria	Intel	Portland	OR	USA
Yes	Brian	Kiernan	InterDigital Communications Corp.	King of Prussia	PA	USA
Yes	Beomjoon	Kim	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
Yes	Bong Ho	Kim	Posdata	San Jose	CA	USA
Yes	Dae-Joong	Kim	Posdata	Seongnam-si	Gyeonggi-do	Korea
Yes	Jaehyeong	Kim	Posdata	Santa Clara	CA	USA
Yes	Jaeyoel	Kim	Samsung Electronics	Suwon		Korea

Yes	Jeong-Heon	Kim	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Jeonghwi	Kim	KT Corp.	Seoul		Korea
Yes	Jung Won	Kim	Samsung Electronics	Suwon-city	Gyeonggi-do	Korea
Yes	Kyungho	Kim	Intel Korea	Seoul	Seoul	Korea
Yes	Ronny (Yong-Ho)	Kim	LG Electronics Inc.	Anyang-shi	Gyeonggi-do	Korea
Yes	Seyoung	Kim	Posdata	Santa Clara	CA	USA
Yes	Young-Hak	Kim	Samsung Electronics co.	Suwon	Gyeonggi-do	Korea
Yes	Youngho	Kim	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Itzik	Kitroser	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	Chris	Knudsen	Intel Corp.	Hillsboro	OR	USA
Yes	Kyun Byoung	Ko	Samsung Electronics Co., Ltd.	Suwon-city	Gyeonggi-do	Korea
Yes	Changhoi	Koo	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
Yes	Praveen	Kumar	Invenova	Morgan Hill	CA	USA
Yes	Taishi	Kurosaki	EXE Technology	taito-ku	tokyo	Japan
Yes	Yoko	Kurosawa	KDDI Corporation	Tokyo		Japan
Yes	Toshiyuki	Kuze	Mitsubishi Electric	Kamakura, Kanagawa		Japan
Yes	Yongwon	Kwak	LG Electronics Inc.	Anyang-shi	Gyeonggi-do	Korea
Yes	Dongseung	Kwon	ETRI	Daejeon		Korea
Yes	Jonathan	Labs	Wavesat Inc.	Dorval	PQ	Canada
Yes	Chang-jae	Lee	LG Electronics Inc.	Anyang-shi	Gyeonggi-do	Korea
Yes	Chi-Chen	Lee	ITRI	Chutung		Taiwan
Yes	Dong Hyun	Lee	Posdata	Sung Nam	Gyeonggi-do	Korea
Yes	Jae Hak	Lee	SOLiD Technologies, Inc.	Seoul		Korea
Yes	Jin	Lee	LG Electronics	Anyang	Gyeonggi-do	Korea
Yes	Jung Woon	Lee	Huawei Technologies Co., Ltd.	Plano	TX	USA

Yes	Seung Joon	Lee	ETRI	Daejeon		Korea
Yes	Sungjin	Lee	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Barry	Lewis	Redline Communications Inc.	Lightwater	Surrey	UK
Yes	Ai-min	Li	Nortel Networks	Beijing		China
Yes	Dina	Li	ZTE	Brooklyn	NY	USA
Yes	Hewu	Li	Tsinghua University	Beijing		China
Yes	Jiang	Li	Huawei Technologies Co., Ltd.	Shanghai		China
Yes	Jun	Li	Nortel Networks	Richardson	TX	USA
Yes	Kemin	Li	Walbell Technologies, Inc.	Bellevue	WA	USA
Yes	Li	Li	Huawei Technologies Co., Ltd.	Shen Zhen	Guang Dong	China
Yes	Rui	Li	ZTE Corporation	Shenzhen	Nanshan	China
Yes	Wei	Li	China Academy of Telecommunication Research, MII	Beijing		China
Yes	Yongmao	Li	Shanghai Huawei Technologies Co., LTD	Pudong	Shanghai	China
Yes	Ying-Chang	Liang	Institute for Infocomm Research	Singapore		Singapore
Yes	Gaspare	Licitra	Siemens	Milan		Italy
Yes	Aeri	Lim	Samsung Electronics Co. Ltd.	Suwon	Gyeonggi-do	Korea
Yes	Geunhwi	Lim	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Hyoung Kyu	Lim	Samsung Electronics	Suwon	Gyeonggi-do	Korea
Yes	Hyoungsoo	Lim	ETRI	Daejeon		Korea
Yes	Jae	Lim	Huawei Technologies	Plano	TX	USA
Yes	Sun Ju	Lim	LG Electronics Inc.	Anyang-shi	Gyeonggi-do	Korea

Yes	Zhibin	Lin	Huawei Technologies Co., LTD.	Shanghai		China
Yes	Erik	Lindskog	Beceem Communications	Santa Clara	CA	USA
Yes	Fuqiang	Liu	Tongji University	Shanghai	Shanghai	China
Yes	YuPing	Liu	ZTE	Shanghai		China
Yes	Titus	Lo	Walbell Technologies, Inc.	Bellevue	WA	USA
No	Yuval	Lomnitz	Intel Corp.	Herzelia		Israel
Yes	Heinz	Lycklama	Adaptix, Inc.	Arlington	WA	USA
Yes	Michael	Lynch	Nortel Networks	Richardson	TX	USA
Yes	Steve	Ma	Freescale Semiconductor, Inc.	Austin	TX	USA
Yes	Seung Joo	Maeng	Samsung Electronics	Suwon-City	Gyeonggi-do	Korea
Yes	David	Maez	Navini Networks	Richardson	TX	USA
Yes	Jeffrey	Mandin	Streetwaves Networking	Jerusalem		Israel
Yes	Roger	Marks	NIST	Boulder	CO	USA
No	Raviv	Melamed				
Yes	Zhao	Meng	ZTE	Shenzhen		China
Yes	Scott	Migaldi	Motorola Inc.	Schaumburg	IL	USA
Yes	Ho	Minnie	Intel Corporation	Santa Clara	CA	US
Yes	Semyon	Mizikovsky	Lucent Technologies, Inc.	Whippany	NJ	USA
Yes	Xiu	Mo	ZTE Communications	Shenzhen	Nanshan	China
Yes	James	Mollenauer	Technical Strategy Associates	Newton	MA	USA
Yes	Ollivier	Mont-Reynaud	Wavesat Inc.	Dorval	PQ	Canada
Yes	Roland	Muenzner	Alcatel SEL AG	Stuttgart		Germany
Yes	Willem	Mulder	Mulder Innova	Houten		Netherlands
Yes	Ronald	Murias	Wi-LAN Inc.	Calgary	AB	Canada
Yes	Michiharu	Nakamura	Fujitsu Laboratories Ltd.	Yokosuka	Kanagawa	Japan
Yes	Dinesh	Nambisan	Proxim	Sunnyvale	CA	USA

Yes	Yaniv	Nana	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	Guanjun	Ni	Huawei Technologies Co., Ltd.	Shanghai		China
Yes	Mitsuo	Nohara	KDDI R&D Labs.	Yokosuka	Kanagawa	Japan
Yes	Paul	Odlyzko	Motorola Inc.	Schaumburg	IL	USA
Yes	JeongTae	Oh	Samsung	yongin city	Gyeonggi-do	Korea
Yes	Min Seok	Oh	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
Yes	Jeung Hyen	Ok	Posdata	Seongnam	Gyeonggi-do	Korea
Yes	Masoud	Olfat	Nextel Communications	Reston	VA	USA
Yes	Kimihiro	Ookubo	NTT DoCoMo	chiyoda-ku		Tokyo
Yes	Alan	Or	ZTE	San Diego	CA	USA
Yes	Zivan	Ori	Intel	Ra'anana		Israel
Yes	Shlomo	Ovadia	Intel Corp.	Santa Clara	CA	USA
Yes	Inkyu	Paek	hanarotelecom	Seoul		Korea
Yes	JianJun	Pan	China Telecom Corporation Limited	ShangHai		China
No	Joonho	Park	Samsung Electronics	Suwon	Gyeonggi-do	Korea
No	Junho	Park				
Yes	Keun Hyeong	Park	Hanaro Telecom	Seoul		Korea
Yes	Pyung-Su	Park	Hanaro Telecom	Goyang-si	Gyeonggi-do	Korea
Yes	Youn Ok	Park	ETRI	Daejeon	Chungcheongnam-do	Korea
Yes	Youngsoo	Park	Samsung Electronics Co., Ltd.	Suwon		Korea
Yes	Steve	Patzer	Intel	Beaverton	OR	USA
Yes	Trevor	Pearman	Beceem Communications, Inc.	Santa Clara	CA	USA
Yes	Dave	Pechner	ArrayComm, Inc.	San Jose	CA	USA

Yes	Jianhua	Peng	Huawei Technologies Co., Ltd.	Shanghai		China
Yes	Greg	Phillips	AirRunner Tech	Stateline	NV	USA
Yes	Ambroise	Popper	Sequans Communications	Paris		France
Yes	Russell	Priebe	Freescale Semiconductor	Austin	TX	USA
Yes	Jose	Puthenkulam	Intel Corp.	Hillsboro	OR	USA
Yes	Feng	Qian	Via Telecom	San Diego	CA	USA
No	Xiaoshu	Qian	Intel Corp.			USA
Yes	Bingyu	Qu	Huawei Technologies	Beijing		China
Yes	Hongyun	Qu	ZTE Corporation	Shenzhen		China
Yes	Kamlesh	Rath	Beceem Communications	Santa Clara	CA	USA
Yes	Anthony	Reid	Nokia	Irving	TX	USA
Yes	Jing	Ren	ZTE Corporation	Shenzhen	Nanshan	China
Yes	Francis	Retnasothie	CableTV Technology Inc.	Toronto	ON	Canada
Yes	Douglas	Reudink	Adaptix		WA	USA
Yes	Maximilian	Riegel	Siemens	Munich		Germany
Yes	Wonil	Roh	Samsung Electronics	Suwon-city, Gyeonggi-do		Korea
Yes	Herbert	Ruck	Navini Networks	Colleyville	TX	USA
Yes	Byung-Han	Ryu	ETRI	Daejeon		Korea
Yes	Kiseon	Ryu	LG Electronics Inc.	Anyang-shi	Gyeonggi-do	Korea
Yes	Andrew	Sago	BT	Ipswich	Suffolk	UK
Yes	Yousuf	Saifullah	Nokia	Irving	TX	USA
Yes	Atul	Salvekar	Intel Corp.	San Jose	CA	USA
Yes	Gregory	Schumacher	Nextel Communications	Reston	VA	USA
Yes	Randall	Schwartz	Intel Corp.			USA
Yes	Christian	Seagren	Sprint PCS	Overland Park	KS	USA
Yes	Radu	Selea	Redline Communications	Markham	ON	Canada
No	Itzik	Shahar				

No	Stanley	Shao				
Yes	Eli	Shasha	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	Jia	Shen	China Academy of Telecommunication Research, MII	Beijing		China
Yes	Sysia	Shi	Fujitsu	Shanghai		China
Yes	Sten	Sjoberg	Ericsson AB	Goteborg		Sweden
Yes	Jung Je	Son	Samsung Electronics	Seoul		Korea
Yes	Yeong Moon	Son	Samsung Electronics	Suwon-si	Gyeonggi-do	Korea
No	Junhyuk	Song	Samsung Electronics Co., Ltd.	Suwon-city		Korea
Yes	Lei	Song	UTStarcom	Hangzhou		China
Yes	Young Seog	Song	ETRI	Taejeon	Chungcheongnam-do	Korea
Yes	Kenneth	Stanwood	Cygnus Multimedia Communications	Carlsbad	CA	USA
Yes	Gabriel	Stoian	Redline Communications Romania	Craiova	Dolj	Romania
Yes	Keizo	Sugiyama	KDDI R&D Labs. Inc.	Kamifukuoka-shi	Saitama	Japan
Yes	Jun	Sui	Fujitsu	Shanghai		China
Yes	Chunhui	Tang	ZTE	Brooklyn	NY	USA
Yes	Kazuki	Tani	KDDI Corporation	Chiyoda-ku		Japan
Yes	Shawn	Taylor	Cygnus Multimedia Communications	Carlsbad	CA	USA
Yes	Wen	Tong	Nortel Networks	Ottawa	ON	Canada
Yes	Rainer	Ullmann	Wavesat Inc.	Dorval	PQ	Canada
Yes	Mano	Vafai	Aperto Networks	Milpitas	CA	USA
Yes	Richard	van Leeuwen	Motorola	Utrecht		Netherlands
Yes	Subramanian	Vasudevan	Lucent Technologies	Whippany	NJ	USA
Yes	Frederick	Vook	Motorola Labs	Schaumburg	IL	USA

Yes	Mathys	Walma	Intel	Hillsboro	OR	USA
Yes	Lei	Wan	Ericsson	Beijing		China
Yes	Arthur	Wang	LINQUEST	Oceanside	CA	USA
Yes	Fan	Wang	Motorola Inc.	Arlington Heights	IL	USA
Yes	Guo Qiang	Wang	Nortel Networks	Ottawa	ON	Canada
Yes	Irving	Wang	ZTE Communications	San Diego	CA	USA
Yes	Jibin	Wang	Huawei Technologies Co.	Shanghai		China
Yes	Jing	Wang	ZTE San Diego	San Diego	CA	USA
Yes	Lei	Wang	Cygnus Multimedia Communications	Carlsbad	CA	Canada
Yes	Stanley	Wang	CyberTAN Technology	Hsinchu		USA
Yes	Lisa	Ward	Rohde & Schwarz	Beaverton	OR	USA
Yes	Yasuyuki	Watanabe	KDDI	Kamifukuoka	Saitama	Japan
Yes	Xuefei	Wei	ZTE Communications	Richardson	TX	USA
Yes	Mattias	Wennstrom	Huawei Technologies	Kista	Stockholm	Sweden
Yes	Dong-Jun	Weon	LG Electronics Inc.	Anyang	Gyeonggi-do	Korea
Yes	Alfred	Wieczorek	Motorola, Inc.	Plantation	FL	USA
Yes	Geng	Wu	Nortel Networks	Richardson	TX	USA
Yes	Jianjun	Wu	Huawei Technologies Co., Ltd.	Shanghai		China
Yes	Jun	Wu	ZTE San Diego	San Diego	CA	USA
Yes	Xuyong	Wu	Huawei	shenzhen	guangdong	China
Yes	Janice	Wunsch	Lucent Technologies	Naperville	IL	USA
Yes	Ling	Xu	ZTE	Shenzhen		China
Yes	Robert	Xu	ZTE	Shenzhen		China
Yes	Hassan	Yaghoobi	Intel Corp.	Santa Clara	CA	USA
Yes	junyi	yang	zte	San Diego	CA	USA
Yes	Weidong	Yang	Navini Networks	Richardson	TX	USA
Yes	Ran	Yaniv	Alvarion Ltd.	Tel Aviv		Israel

Yes	Vladimir	Yanover	Alvarion Ltd.	Tel Aviv		Israel
Yes	Richard	Yao	Microsoft	Redmond	WA	USA
No	Zhonghui	Yao				
Yes	Choong-II	Yeh	ETRI	Deajeon		Korea
Yes	Sang-Kuk	Yeh	LG Electronics	Anyang Shi		Korea
Yes	Kunmin	Yeo	ETRI	Daejeon		Korea
Yes	Hujun	Yin	Intel	Hillsboro	OR	USA
Yes	Chulsik	Yoon	ETRI	Daejeon		Korea
Yes	Soon Young	Yoon	Samsung Electronics Ltd.	Suwon	Gyeonggi-do	Korea
Yes	Aeran	Youn	LGE	Anyang-shi	Gyeonggi-do	Korea
Yes	Jungnam	Yun	Posdata	Santa Clara	CA	USA
Yes	Qinghai	Zeng	ZTE Corporation	Shanghai		China
Yes	Qishan	Zhang	Beihang University	Beijing		China
Yes	Wenfeng	Zhang	ZTE San Diego Inc. (ZiMax)	San Diego	CA	USA
Yes	Wenzhong	Zhang	ZTE Communications	San Diego	CA	USA
Yes	Zhijian	Zhang	ZTE San Diego	San Diego	CA	USA
Yes	Ruobin	Zheng	Huawei	shenzhen	guangdong	China
Yes	Sheng Guang	Zheng	Freescall Semiconductor China Ltd	Beijing		China
Yes	Keqiang	Zhu	ZTE San Diego	San Diego	CA	USA
Yes	Peiyong	Zhu	Nortel Networks	Ottawa	ON	Canada
Yes	Ofer	Zimmerman	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	Ning	Zou	Intel (China) Ltd.	Beijing 100020		China

*Participation credit not granted without submission of [on-line registration form](#).

IEEE 802.16 Session #35 Report



Summary

Session #35 of the IEEE 802.16 Working Group on Broadband Wireless Access took place on 24-27 January 2005 in Sanya, Hainan, China. The session was hosted by Lucy Chen and Katherine Woo of corporate host Huawei Technologies Co. The attendance of 313 set a record for an interim session of the IEEE 802.16 Working Group.

Comment Resolution on Mobile WirelessMAN® (P802.16e) Draft

Task Group e resolved comments in preparation for the development of IEEE P802.16e Draft 6. Following the meeting of an editorial committee on 8-10 February, the package will be distributed for IEEE-SA Sponsor Ballot recirculation. The schedule for the project, which will enhance the WirelessMAN® air interface to support mobile as well as fixed users, was revised, and completion is now expected before mid-year of 2005. Task Group e issued a closing report and minutes.

- **Update:** A Sponsor Ballot Recirculation was issued on the new draft P802.16e/D6, with a deadline of 9 March.

Network Management Task Group Activities

The IEEE 802.16 Network Management (NetMan) Task Group made progress on its two projects. Comments on the second P802.16f draft (the Management Information Base [MIB] for fixed operation), received in Working Group Recirculation Ballot #16a, were resolved, and the Working Group agreed to seek approval to forward Draft 3 for Sponsor Ballot. Regarding the P802.16g Baseline Document, comment resolution will lead to a new version P802.16g-04/03r1 that will be subjected to a further Call for Comments. The NetMan Task Group issued a closing report and minutes.

- **Update:** Recirculation Ballot #16b began on the P802.16f/D3 draft, with a deadline of 4 March.
- **Update:** A Call for Comments, with an 11 March deadline, was issued on the updated Working Document P802.16g-04/03r1.

Maintenance Task Group Activities

The Working Group's Maintenance Task Group continued addressing comments relevant to developing

its draft of a Corrigendum to IEEE Standard 802.16-2004. The Working Group agreed to create a draft based on Task Group decisions and to open Working Group Letter Ballot #17 regarding that draft. The Maintenance Task Group issued a [closing report](#) and [minutes](#).

- **Update:** [Working Group Letter Ballot #17](#) began on the new [P802.16-2004/Cor1/D1](#) draft, with a deadline of 13 March.

Conformance Task Group Activities

The [Conformance Task Group](#), addressing the [P802.16/Conformance04](#) project on PICS Proforma for frequencies below 11 GHz, did not receive additional contributions or comments. A [closing report](#) and [minutes](#) were issued. A new Call for Comments will follow.

- **Update:** A [Call for Comments](#) was issued, with a deadline of 9 March.

New IEEE 802.16 Licensed-Exempt Task Group

The Working Group's [Licensed-Exempt Task Group](#) held its first meeting following the approval of [PAR P802.16h](#) on 8 December. A [closing report](#) and [minutes](#) were issued.

- **Update:** A [Call for Comments](#) was issued, with a deadline of 10 March.

Liaison Activities

- José Costa, the WG's liaison to ITU-R, prepared a [report of the ad hoc group on ITU-R liaisons during Session #35](#). The group discussed a [joint 802.16/ETSI BRAN document for ITU-R WP 9B](#) as a followup to an earlier contribution. Earlier in January, IEEE had submitted an [IEEE Contribution to ITU-R JTG 6-8-9](#) that has been prepared by the 802.16 WG.
- Mariana Goldhamer, the WG's liaison to ETSI BRAN, presented an [ETSI BRAN Update](#). The WG responded with a [liaison letter to ETSI BRAN](#).
- The WG sent a [letter to Technical Committee TC5 of the China Communication Standards Association \(CCSA\)](#) in response to a letter [from CCSA TC5](#). A [communication to IEEE 802 from CCSA](#) referred to IEEE 802.16 and Session #35. A [communication from the Chinese Ministry of Information Industry to IEEE 802](#), in response to a [letter from IEEE 802](#), agreed to a meeting with the IEEE 802 China Liaison Official that was held alongside Session #35.
- Panyuh Joo, liaison from TTA PG302, presented a [TTG PG302 status report](#). The WG responded with a [liaison letter to TTA PG302](#).
- The WG received a [liaison statement from 3GPP2 TSG-S](#) and responded with a [reply to 3GPP2 TSG-S](#).

Future Meetings

- IEEE 802.16's [Session #36](#) will take place on 14-17 March 2005 in Atlanta, GA, USA in conjunction with the [IEEE 802 Plenary Session](#). Registration and hotel reservations are currently being accepted.
- IEEE 802.16's [Session #37](#) will take place on 2-5 May 2005 in Sorrento, Italy. The Member Host is Giulio Cavalli of corporate host Siemens Communications. Hotel reservations are currently being accepted.
- IEEE 802.16's [Session #38](#) will take place on 18-21 July 2005 in San Francisco, CA, USA in conjunction with the [IEEE 802 Plenary Session](#).
- IEEE 802.16's [Session #39](#) will take place on 12-15 September 2005 in Taipei. The session will be supported by Member Hosts [Arthur Wang](#) and [Stanley Wang](#). The institutional host is ITRI and the co-host is CyberTAN Technology.
- IEEE 802.16's [Session #40](#) will take place on 14-17 November 2005 in Vancouver, BC, Canada in conjunction with the [IEEE 802 Plenary Session](#).

Documents

The [Session #35 document list](#) includes references to several hundred session documents.

Working Group Membership

The [Working Group Membership](#) remains at 220. 126 [Potential Members](#) are eligible for membership by attending Session #34.

Minutes

The Working Group minutes are available as [IEEE 802.16-05/006](#).

"802.16 News" Mailing List

The "802.16 News" mailing list ("stds-802-16-news") has the sole purpose of distributing major announcements related to the Working Group. Those interested in following the progress of the group but not in the day-to-day details may wish to [subscribe](#). Only the Working Group Chair is eligible to post to the list, and mailings will be rare: once after each bimonthly session and additionally for major news, such as the approval of a new standard. Those subscribing to the stds-802-16 mailing list, for active Working Group participants, need not subscribe to stds-802-16-news since the postings will be redundant.

About IEEE 802.16

The [IEEE 802.16 Working Group on Broadband Wireless Access Standards](#) has developed and is enhancing the **WirelessMAN**TM Standard for wireless metropolitan area networks. IEEE 802.16 is a unit of the [IEEE 802 LAN/MAN Standards Committee](#), the premier transnational forum for wired and wireless networking standardization. A [list of IEEE 802.16 standards and drafts](#) is available on-line, as is a [project milestone summary](#) and an archive of previous [Session Reports](#).

This report (24 February 2005 update) may be updated as followup material becomes available, but no such update is expected. With the approval of the IEEE 802.16 Working Group, the Session #35 Report has been drafted and edited by:

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