

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Minutes of IEEE 802.16 Session #27	
Date Submitted	2003-09-15	
Source(s)	Jonathan Labs Wavesat Wireless Inc. 4600 rue Cousens Ville St-Laurent, Qc H4S 1X3 Canada	Voice:(514) 956-6325 Fax:(514) 956-8587 mailto:jlabs@wavesat.com
Re:	IEEE 802.16 Session #27 Minutes (Denver, CO, USA)	
Abstract		
Purpose	To record meeting minutes.	
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.	
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Minutes of IEEE 802.16 Session #27

IEEE 802.16 Working Group

Denver, CO USA

8-11 September 2003



Opening Plenary

Call to Order

Roger Marks called the meeting to order at 1:10 PM, 8 September 2003.

IEEE 802.16 Working Group Officers

Chair: Roger Marks

Vice Chair: Ken Stanwood

Acting Secretary: Jon Labs (filling in for Dean Chang who was not able to attend this meeting).

Members

57 individuals are members for this session. There has been no loss in membership due to lack of participation in WG Letter Ballot #12.

See the Annex for details.

Attendance

There are 2 attendance books this week: TGd and TGe.

Session participation credit requires participation in 6 of the 8 intervals for this session.

Agenda <<http://ieee802.org/16/meetings/mtg27/opening.html>>

Motion 1: Phil Whitehead, *To approve the Opening Plenary Meeting Agenda on the 802.16 web site.* 2nd Gordon Antonello.

Motion 1 discussion: no comments.

Motion 1: carries by unanimous voice vote.

Motion 2: Brian Kiernan, *To approve Minutes of Session #26 (IEEE 802.16-03/35).* 2nd Ron Murias

Motion 2 discussion: no comments.

Motion 2: carries by unanimous voice vote.

Chair's Status Report (IEEE 802.16-03/42)

IEEE 802 Rules: WG Operation

The Chair reviewed the 802 rules for WG operation, which includes the use of the Robert Rule's of Order, and the WG Chair's function and role.

Copyright Procedures

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

<http://iee802.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.

No disclosures were made regarding this announcement.

IEEE-SA Actions:

- IEEE Std 802.16/Conformance01 (PICS, 10-66 GHz) was published 18 August 2003
- IEEE 802.16 PARs at NesCom
 - Standards Board decided that P802.16.2a should not have been an Amendment to 802.16, but a Revision. Approval of Revision PAR by NesCom expected on Wednesday.
 - P802.16d => P802.16 Revision – disagreement about whether the letter should be removed when changing the PAR to a Revision. Approval by NesCom expected on Wednesday.
- IEEE Std 802.16.2a is undergoing a Sponsor Ballot through Tuesday.
- IEEE Std 802.16/Conformance02 Sponsor Ballot closed last week.

Other IEEE Business

Prof. Michael Lightner is sitting in today in the 802.16 WG. He is one of the 2004 IEEE President-Elect Candidates. He is here to talk to 802.16 WG members and learn more about the standardization process.

Agenda for the Week

The agenda for the week is located at the following link.

<http://iee802.org/16/meetings/mtg27/agenda.html>

Task Groups

TG2

Phil Whitehead, Chair

Sponsor Ballot closes tomorrow, 9 September

- So far, has met the return ratio, 100% approval
- one vote of "Approve with Comments"

Expected Closing Plenary Motion: *To accept IEEE 802.16-03/43r1 as the resolutions of the P802.16.2a Sponsor Ballot comments, initiate a recirculation, authorize Task Group 2 to resolve any resulting comments, and presubmit the resulting draft for RevCom approval.*

The TG2 Chair stated that there are two main issues (but not very serious ones) that need be resolved from the comments so far. TG2 is not meeting formally this week. The WG Chair specified that the same group of people, lead by Phil Whitehead, who have been active in past comment resolutions on this document, resolve the comments coming in on Wednesday; everyone is invited to participate.

TGC

Ken Stanwood, Chair

[P802.16/Conformance02](#) (10-66 GHz Test Suite Structure and Test Purposes [TSS&TP]):

- 100% approval of draft in Sponsor Ballot which ended on September 3.
- received 136 comments: [IEEE 802.16-03/40](#)

Expected Closing Plenary Motion: *To accept IEEE 802.16-03/40r1 as the resolutions of the P802.16.2a Sponsor Ballot comments, initiate a recirculation, authorize Task Group c to resolve any resulting comments, and presubmit the resulting draft for RevCom approval.*

[P802.16/Conformance03](#) (10-66 GHz Radio Conformance Tests [RCT])

- completed Working Group Letter Ballot #12 (IEEE C1802.16.3-03/41), 43 approve, 1 disapprove
- received 35 comments: [IEEE 802.16-03/41](#)

Intended motion at Closing Plenary: *To accept IEEE 802.16-03/41r1 as the resolutions of the Working Group Letter Ballot #12 comments, initiate a recirculation, authorize Task Group c to resolve any resulting comments, conduct a second recirculation if necessary.*

The TGC Chair expects to resolve the comments by the end of the week, provided the most controversial comments are identified early on and addressed.

Agenda change: TGC meetings are to start at 9:00 am on Wednesday (changed from 8:00 am on the original agenda).

TGd

Gordon Antonello, Chair
Itzik Kitroser, Technical Editor

Report of [WG Recirc Ballot #11b](#) on Draft [P802.16d/D3](#)

- 49 approve, 6 disapprove
- received 70 comments (and 22 late ones) (Comment numbers are >261 of [IEEE 802.16-03/18r10](#))
- Expect to resolve all comments this week

Result of call for Comments on Editor's Draft Consolidation of IEEE 802.16/802.16a/802.16c

- 192 comments in [IEEE 802.16-03/39r1](#)
- expect to resolve all comments this week

Intended motions at Closing Plenary:

- *To accept IEEE 802.16-03/18r11 as the resolutions of Recirculation Ballot #11b and to conclude Working Group Letter Ballot #11.*
- *To open a new Working Group Letter Ballot on a draft Revision, to be created by taking a consolidated version of IEEE Std 802.16, 802.16a, and 802.16c and then editing in the changes developed in Letter Ballot #11.*

Plans: Start with the comments on P802.16d/D3, and the group will work late evenings if necessary. For the comments on the consolidated document, 122 are editorial. When the comment resolution on the consolidated document would start could not be estimated yet.

TGe

Brian Kiernan, Chair
Shawn Taylor, Vice Chair (absent)
Ron Murias, Technical Editor

Report of Responses to Task Group Review ([802.16e-03/19](#)) on TGe Working Document ([802.16e-03/07r3](#))

- received 21 comments (five late) and 13 contributions for consideration
- resolve comments and go through contributions this week

Goal: have baseline text by the end of the week. The group will have to follow also what is going on in TGd.

Agenda Change: On Wednesday morning, the group will start at 9:00 am rather than 8:00 am as originally scheduled

Future Sessions

Session #28:

10-13 November 2003 at the Hyatt Regency Albuquerque, Albuquerque, NM, USA with [IEEE 802 Plenary Session](#)

The hotel is already sold out. IEEE 802 Plenary Session page lists alternatives.

Session #29:

12-15 January 2004: [Fairmont Hotel Vancouver](#), Vancouver, British Columbia, Canada
Sponsored by IEEE 802; joint with other 802 wireless groups.

Session #30:

14-19 March 2004 at the Hyatt Orlando, Kissimmee, FL, USA with [IEEE 802 Plenary Session](#)

Session #31:

Open. Tried 802 wireless meeting joint with WCA in May in Washington, DC. Not able to find a week that would work. Venue should be resolved by end of November meeting.

Session #32:

11-16 July 2004 at the Portland Hilton, Portland, OR, USA with [IEEE 802 Plenary Session](#)

New Business

Roger discussed an invitation to meet with the Technical Committee of the [National Association of Telecommunications Officers and Advisors](#) (NATOA) at their [23rd Annual Conference](#). The invitation is to meet at 6:30 pm Wednesday, at the NATOA hotel, to review IEEE 802.16 and learn more about NATAO's interest. Several people indicated an interest in attending.

Closing

Motion 3: Bob Nelson, *To adjourn Opening Plenary of 802.16 WG.* 2nd Brian Kiernan

Motion 3: carries by unanimous voice vote.

The meeting was adjourned at 2:38 PM on 8 September 2003

Closing Plenary

Opening

Chair Roger Marks called the meeting to order at 7:07 PM on 11 September 2003.

Agenda

Motion 4: Brian Kiernan, *To approve the agenda as presented.* 2nd Phil Whitehead

Motion 4: carries by unanimous voice vote

Attendance List

54 people attended, including those attending only the 802 Handoff Study Group. People attending the Handoff Study Group, and remained for the 802.16 meetings received credit for the Study Group meetings. See the Annex for details.

Task Group 2

Chair: Phil Whitehead

PAR P802.16.2-REVa Approval of 11 September 2003:

- Standards board approved the PAR today. The issue of the letter in the PAR name was resolved by naming it P802.16.2-REVa. When published, it will be called IEEE 802.16.2-2003 (if approved in 2003).

Sponsor Ballot Voting Report:

- 111 comments received in Sponsor Ballot (see IEEE 802.16-03/43); largely from 2 people, largely editorial
- no major changes will be required
- there was 1 Disapprove vote with a large number of comments associated.
- Tentative comment resolutions developed (IEEE 802.16-03/43r1), but not all comments have been resolved
- Need to resolve comments outside the meeting.
- A recirculation ballot will be required.
- RevCom submission scheduled for Oct 21st (with the recirculation open by then, and assuming it closes without any trouble)

Motion 5: Phil Whitehead, *To approve the formation of a Ballot Resolution Committee to resolve comments from the P802.16.2a/D6 Sponsor Ballot and any followup recirculations, and to presubmit the resulting draft to RevCom by the deadline of 21 October. The Ballot Resolution Committee will include Philip Whitehead, Remi Chayer, Jack Garrison, Barry Lewis, and any other Working Group members who volunteer by 19 September.* 2nd David Johnston

Motion 5 discussion: Roger will serve as editor

Motion 5: carriers 18-0-0.

Task Group d (IEEE 802.16d-03/15r1)

Chair: Gordon Antonello (see TGd Minutes: IEEE 802.16d-03/14)

Recirculation Ballot #11b comment resolution report:

- 92 comments resolved

Report on resolution of comments in Call for Comments on Editor's Draft Consolidation of IEEE 802.16/802.16a/802.16c:

- 193 comments resolved

Motion 6: Gordon Antonello, *To accept IEEE 802.16-03/18r11 as the resolution of Recirculation Ballot #11b and to conclude Working Group Letter Ballot #11.* 2nd Itzik Kitroser

Motion 6 discussion: Roger Marks said that with the approval of PAR P802.16-REVd on 11 September 2003, the PAR on which the ballot was based is withdrawn. With passage of this motion, this ballot would be terminated without any further action.

Motion 6: carriers 19-0-0.

Motion 7: Gordon Antonello, *To adopt a Working Group draft P802.16-REVd/D1, to be created from IEEE P802.16-2003/D0 by applying the comment resolutions in IEEE 802.16-03/18r11 and IEEE 802.16-03/39r2; and to initiate Working Group Letter Ballot #13 on the issue of submitting that draft for Sponsor Ballot.* 2nd: Bob Nelson

Motion 7 Discussion: Phil Whitehead asked about timing. Roger Marks pointed out that this topic is to be discussed next.

Motion 7: carriers 20-0-0.

Schedule:

Roger Marks presented a detailed development schedule for P802.16-REVd. It can be found at <http://grouper.ieee.org/groups/802/16/tgd/schedule.html>.

Roger Marks said that there seems to be a consensus to get the draft done quickly. The target is to have conditional approval from 802 SEC on 11/14/2004 pending a clean recirculation. No time for reply comments in January for the Sponsor ballot unless we can pull back on some of the buffer in the earlier part of the schedule. Goal is to meet RevCom deadline on Feb 13, 2004, and approved as a standard on March 25, 2004.

Phil Whitehead asked about where the final IEEE editor work is in the schedule since there is only a month between the approval date and the published date. Roger said it is possible to accelerate that process but that the publication date is just a guess.

Gordon Antonello pointed out that the industry and market is waiting for the completion of this standard.

Roger Marks feels that what draft comes out in November is what the WG really needs to be satisfied with. Major new features should not be introduced during sponsor ballot.

Motion 8: Gordon Antonello, *To adopt the P802.16-REVd Development Schedule.* 2nd David Johnston

Motion 8 discussion: There was no discussion on the motion.

Motion 8: carriers 19-0-0.

Task Group e (IEEE 802.16e-03/22)

Chair: Brian Kiernan (see TGe Minutes: IEEE 802.16e-03/21)

Report:

- 21 comments on the working document were submitted and resolved, and 7 additional comments were added during the week
- 13 contributions reviewed, 2 remanded to TGd.
- the group approved 802.16e-03/19r2 database and authorized the editor to produce a new working document, 802.16e-03/07r4
- reinstated the Handoff Ad Hoc
- established a Service Class Ad Hoc

In a show of hands, 70% of TGe had indicated that the document is ready as a baseline. TGe should be able to go to letter ballot at next meeting.

Schedule:

Roger Marks presented an updated schedule for P802.16e. It can be found at <http://grouper.ieee.org/groups/802/16/tgd/schedule.html>.

- plan to go to letter ballot at end of November
- plan to go to sponsor ballot 4/12/2004
- plan for SA-approval by 9/23/2004
- plan to publish on 10/1/2004

Brian Kiernan pointed out that since the P802.16e document is working off of the P802.16-REVd document, the milestones must be at least one meeting behind those of P802.16-REVd.

Roger commented on the critical items in the schedule: starting WG letter ballot in November; completing Sponsor Ballot by Session #31

Motion 9: Brian Kiernan, *To adopt the P802.16e Development Schedule*. 2nd Zion Hadad

Motion 9 discussion: no comments.

Motion 9: carriers 18-0-1.

Task Group C

Chair: Ken Stanwood (see TGC Minutes: IEEE 802.16C-03/05)

Report on P802.16/Conformance02 (10-66 GHz Test Suite Structure and Test Purposes [TSS&TP]):

- Resolved 136 comments and 7 late comments.

Motion 10: Ken Stanwood, *To accept IEEE 802.16-03/40r1 as the resolutions of the P802.16/Conformance02 Sponsor Ballot comments, initiate a recirculation, authorize Task Group C to resolve comments from any resulting recirculations, and presubmit the resulting draft to RevCom by the deadline of 21 October. The Ballot Resolution Committee will include Ken Stanwood, Carl Eklund, Lars Lindh, and any other Working Group members who volunteer by 19 September*. 2nd: Gordon Antonello

Discussion: Phil Whitehead points out that the motion does not explicitly say “to authorize a ballot resolution committee”

Friendly amendment: change “Task Group C” to “a Ballot Resolution committee” such that the motion would read: *To accept IEEE 802.16-03/40r1 as the resolutions of the P802.16/Conformance02 Sponsor Ballot comments, initiate a recirculation, authorize a Ballot Resolution Committee to resolve comments from any resulting recirculations, and presubmit the resulting draft to RevCom by the deadline of 21 October. The Ballot Resolution Committee will include Ken Stanwood, Carl Eklund, Lars Lindh, and any other Working Group members who volunteer by 19 September*.

Ken Stanwood accepted the friendly amendment.

Motion 10 as amended: carriers 19-0-0.

Report on P802.16/Conformance03 (10-66 GHz Radio Conformance Tests [RCT]) :

- 35 comments received, but only resolved 28 of those this week (the necessary skilled individuals were not present this week to help the comment resolution)
- will finish via email next week
- Partial comment resolutions developed ([IEEE 802.16-03/41r1](#)).
- Seven comments unresolved.

Motion 11: Ken Stanwood, *To approve the formation of a Ballot Resolution Committee to resolve comments from Working Group Letter Ballot #12 and any followup recirculations, completing recirculation before Session #28. The Ballot Resolution Committee will include Ken Stanwood, Carl Eklund, Lars Lindh, and any other Working Group members who volunteer by 19 September*. 2nd: Bob Nelson

Motion 11 discussion: The comment resolutions end before November meeting, which means that the document will be going to RevCom for approval as opposed to conditional approval.

Motion 11: carriers 19-0-0.

Liaison

802 Handoff Study Group

Chair David Johnston reported (see IEEE L802.16-03/09).

The 802 Handoff Study Group colocated this week with 802.16 in Denver.

David discussed technical work done in cellular–WLAN coupling models, and in aligning with what 802.16e is doing.

The study group has developed a PAR and Five Criteria, both of which had universal approval from the group.

People are now volunteering for officer positions pending 802 approval for WG status.

NATOA-National Association of Telecommunications Officers and Advisors

Roger Marks, Ken Stanwood, Brian Kiernan, Greg Phillips and David Johnston met with this group on Wednesday night. The members from NATOA were quite technical. There was a good exchange of information between 802.16 and NATOA. Some members are looking at solutions for deploying wireless connection for emergency services. Some are looking at wireless broadband access for commercial use. Roger is invited to join them again on Friday.

Roger suggested to them that if our mobile project is of interest, they should participate in the development of P802.16e to ensure that it meets their requirements.

ETSI BRAN

There were no official or unofficial reports from ETSI. Marianna Goldhammer, the 802.16 liaison to ETSI BRAN, has been elected Vice Chair of ETSI BRAN.

Future Sessions <<http://ieee802.org/16/calendar.html>>

Session #28:

9-14 November 2003 at the Hyatt Regency Albuquerque, Albuquerque, NM, USA with the IEEE 802 Plenary Session. It is not clear that 802.16 will be meeting in the Hyatt. Alternative hotels are on the <http://ieee802.org/meeting> website.

Session #29:

12-15 January 2004: Fairmont Hotel Vancouver, Vancouver, British Columbia, Canada. Sponsored by IEEE 802; joint with other 802 wireless groups.

Session #30:

14-19 March 2004 at the Hyatt Orlando, Kissimmee, FL, USA with the IEEE 802 Plenary Session .

Session #31:

17-20 May 2004. Venue not yet chosen. WCA conference in DC starts the day after Memorial Day. Need to make a decision in November.

Session #32:

11-16 July 2004 at the Portland Hilton, Portland, OR, USA with the IEEE 802 Plenary Session

Publicity

The chair was authorized, without objection, to create the Session #27 Report. See Annex, and <http://iee802.org/16/meetings/mtg27/report.html>.

New Business

Letter to Denver Marriott City Center: Roger Marks asked for comments to put in a letter for thanking the Marriott for their venue. Attendees reported that they were generally happy with the hotel and the service.

Phil Whitehead said that the social was a success, and thanked Roger Marks for arranging it.

Closing

Motion 12: Ron Murias, *To adjourn the meeting*. 2nd, Bob Nelson.

Motion 12: carries by unanimous voice vote.

The meeting was adjourned at 8:25 PM on 11 September 2003.

Attendance List: 802.16 Session #27

8-11 September 2003

This is the attendance list for Session #27 (with 54 names):

"Participated"*	Name\Given	Name\Family	Company	City	State\Province	Country
Yes	Gordon	Antonello	Wi-LAN Inc.	Calgary	AB	Canada
Yes	Phillip	Barber	Broadband Mobile Technologies	Frisco	TX	USA
Yes	Rajesh	Bhalla	ZTE San Diego	San Diego	CA	USA
Handoff	Michael	Braitberg	Cellport Systems	Boulder	CO	
Yes	Jaesun	Cha	ETRI	Daejeon		KOREA
Yes	Sung Cheol	Chang	ETRI	Daejeon		KOREA
Yes	Aik	Chindapol	Siemens	Princeton	NJ	USA
Yes	Jin Yong	Chung	SOLiD Technologies	Seoul		Korea
Handoff	Steven	Crowley	DoCoMo USA Labs	Washington	DC	USA
No	Brian	Eidson	Conexant Systems, Inc.	San Diego	CA	USA
Yes	Fabricio	Figueiredo	CPqD	Campinas		Brazil
Handoff	Yuri	Goldstein	PCTEL, Inc.	Southbury	CT	USA
Yes	Zion	Hadad	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	David	Hartman	CarrierComm	Encinitas	CA	USA
Yes	Dave	Hetherington	Roving Planet	Boulder	CO	USA
Yes	David	Johnston	Intel Corporation	Hillsboro	OR	USA
Yes	Panyuh	Joo	Samsung Electronics Co., Ltd.	Sungnam	KYUNGGI	Korea

Yes	Kumud	Kalia	Qwest Communications	Denver	CO	USA
Yes	Brian	Kiernan	InterDigital Communications Corp	King of Prussia	PA	USA
Yes	Itzik	Kitroser	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Yes	Thomas	Kolze	Broadcom Corp.	Phoenix	AZ	USA
Yes	Jonathan	Labs	Wavesat Wireless, Inc.	Ville St-Laurent (Montreal)	PQ	Canada
Yes	Jules Pierre	Lamoureux	Wavesat Wireless	St-Laurent (Montreal)	PQ	Canada
Yes	Jae Hak	Lee	SOLiD Technologies	Seoul		Korea
Yes	Donald	Leimer	Proxim	Long Beach	CA	USA
Yes	Barry	Lewis	Radiant Networks PLC	Little Chesterford	Essex	UK
Yes	Lingjie	Li	Redline Communications Corp.	Markham	ON	Canada
Yes	John	Liebetreu	Intel Corporation	Chandler	AZ	USA
Yes	Hyoungsoo	Lim	ETRI	Daejeon		Korea
Yes	Graham	MacDonald	Intel Corporation (UK) Ltd	Swindon		UK
Yes	Roger	Marks	NIST	Boulder	CO	USA
Yes	Russell	McKown	MacPhy Modems	Richardson	TX	USA
Yes	Ronald	Murias	Wi-LAN Inc.	Calgary	AB	Canada
Yes	JeeHyeon	Na	ETRI	Daejeon		Korea
Yes	Robert	Nelson	MacPhy Modems	Richardson	TX	USA

No	Loi	Nguyen	Inphi	Westlake Village	CA	USA
No	Jim	O'Connor	IPWireless, Inc.	Idaho Springs	CO	USA
Yes	Ulf	Ohlsson	Ericsson AB	Stockholm		SWEDEN
Yes	Greg	Phillips	AirRunner Technologies, Inc	Zephyr Cove	NV	USA
Yes	Paul	Piggin	Radiant Networks PLC	Little Chesterford	Essex	UK
Handoff	Ajay	Rajkumar	Lucent Technologies	Whippany	NJ	USA
Yes	Byung Han	Ryu	ETRI	Daejeon		Korea
Yes	Yossi	Segal	Runcom Technologies Ltd.	Rishon Le Zion		Israel
Handoff	Hari	Shankar	Inphi	Westlake Village	CA	USA
Handoff	Dong-Jye	Shyy	MITRE	Mclean	VA	USA
Yes	Kenneth	Stanwood	Ensemble Communications	San Diego	CA	USA
Yes	Yoshihiro	Suzuki	Matsushita Electric Industrial Co., Ltd.	Yokosuka City		Japan
Yes	Rainer	Ullmann	Wavesat Wireless Inc.	Ville St.Laurent (Montreal)	PQ	Canada
Yes	Eyal	Verbin	Airspan Networks (Israel) Ltd.	Lod		Israel
Yes	Philip	Whitehead	Radiant Networks PLC	Little Chesterford	Essex	UK
Handoff	Michael	Williams	Nokia	Newbury Park	CA	USA
Yes	Vladimir	Yanover	Alvarion Ltd.	Herzlya		Israel
Yes	Kunmin	Yeo	ETRI	Daejeon		Korea

Yes	Chulsik	Yoon	ETRI	Daejeon		Korea
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*All attendees were registered. Session #27 "participation" credit is granted to those participating in six of the eight session intervals. Those marked "Handoff" attended meetings of IEEE 802 Handoff Study Group but not of IEEE 802.16 Working Group.

IEEE 802.16 Session #27 Report



Summary

Session #27 of the IEEE 802.16 Working Group on Broadband Wireless Access took place on 8-11 September 2003 at the Denver Marriott City Center in Denver, Colorado, USA. The session was hosted by Roger Marks, with the support of the IEEE Microwave Theory and Techniques Society. The IEEE 802 Handoff Study Group held a co-located session on 8-9 September. 54 people registered and attended. The session was busy, congenial, and constructive, with six separate sets of comment resolutions to process. The Working Group committed to specific timetables for the completion its WirelessMAN air interface enhancement projects.

Fast Track for Comprehensive Revision of WirelessMAN™ Air Interface Standard

On 11 September, the IEEE-SA Standards Board created a project (P802.16-REVD) to comprehensively update the WirelessMAN Air Interface standard, merging IEEE Standards 802.16, 802.16a, and 802.16c into a single consolidated revision of IEEE Standard 802.16. The content will also be revised appropriately to represent the state of the art for fixed broadband wireless access.

The project expands the activity organized under Task Group d. In anticipation of the project approval, the Working Group finalized a ballot of changes developed by Task Group d, resolving final comments at Session #27. During this session, the group also resolved comments collected in a review of a 661-page editorial consolidation of IEEE Stds 802.16, 802.16a, and 802.16c.

With this work complete, the Working Group agreed to initiate Working Group Letter Ballot #13 on the draft revision. Because of the advanced state of the project, the Working Group voted, unanimously, to approve a development schedule indicating the finalization of the Working Group draft in November. After Sponsor Ballot, the Working Group intends to submit the final draft by 13 February 2003.

Working Group Schedule November Ballot for Mobile WirelessMAN (P802.16e) Project

Task Group e met to consider comments received in a Task Group Review of the P802.16e Working Document. An additional Task Group Review was planned for the project, which will enhance the WirelessMAN air interface to support mobile as well as fixed users. The Working Group voted, unanimously, to adopt a development schedule calling for the adoption of a draft and the initiation of a Working Group Letter Ballot in November, with the final draft completed next summer.

Interoperability Documentation for 10-66 GHz Advances

Task Group C continued its progress toward interoperability documentation for the 10-66 GHz