

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Minutes of IEEE 802.16 Session #29</b>	
Date Submitted	<b>2004-01-15</b>	
Source(s)	Dean S.K. Chang Aperto Networks 1637 S. Main Street Milpitas CA 95035	Voice:(408) 719-9977 Fax:(408) 719-9970 <a href="mailto:dchang@apertonet.com">mailto:dchang@apertonet.com</a>
Re:	IEEE 802.16 Session #29 Minutes (Vancouver, BC, Canada)	
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.	
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 < <a href="http://ieee802.org/16/ipr/patents/policy.html">http://ieee802.org/16/ipr/patents/policy.html</a> >, 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 < <a href="mailto:chair@wirelessman.org">mailto:chair@wirelessman.org</a> > 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 < <a href="http://ieee802.org/16/ipr/patents/notices">http://ieee802.org/16/ipr/patents/notices</a> >.	

## Minutes of IEEE 802.16 Session #29

IEEE 802.16 Working Group

Vancouver, BC Canada

12-15 January 2004

### Opening Plenary

#### Call to Order

Roger Marks called the meeting to order at 1:06 pm, January 12 2004.

#### IEEE 802.16 Working Group Officers

Chair: Roger Marks

Vice Chair: Ken Stanwood

Secretary: Dean Chang

#### Members

63{correction: 64} individuals were members before the session. 85 people participated in Session #28.

12 people indicated that this is their first time attending an IEEE 802.16 meeting. 11 indicated that this is their first time attending an 802 meeting.

#### Attendance

There are 3 attendance books this week: TGd, TGe and TGC.

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

#### Agenda <<http://ieee802.org/16/mtg/mtg29/opening.html>>

Motion 1: David Johnston, To approve Opening Plenary agenda on the 802.16 server, 2<sup>nd</sup> Carl Eklund.

Motion 1: carries by unanimous voice vote.

Motion 2: Jonathan Labs to approve Minutes of Session #28 ([802.16-03/55](#)) and decisions therein, 2<sup>nd</sup> Rainer Ullmann.

Motion 2: carries by unanimous voice vote.

#### Chair's Status Report (IEEE 802.16-04/02)

#### 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.

No disclosures were made regarding this announcement.

### **IEEE EC Actions**

Discussion about reorganizing or splitting 802

Begun at November 2003 Plenary

802 Policies and Procedures (formerly "Rules") Change Status

roll-call vote rule under ballot

### **IEEE 802 Elections**

IEEE 802 P&P specify elections for WG Chairs and Vice Chairs in March of even-numbered years

IEEE 802 Officer terms also expire

IEEE 802.16 Working Group Elections to be held at Session #30

see documented IEEE 802.16 Working Group Officer Election Process

(Document IEEE 802.16-03/28)

## Agenda for the Week

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

<http://ieee802.org/16/meetings/mtg29/agenda.html>

## Task Groups

### Task Group 2

Phil Whitehead, Chair (absent)

Coexistence P802.16.2-REVa:

(Revision of 802.16.2)

Finished Sponsor Ballot; 100% approval

Approved by 802 EC to forward to RevCom

On RevCom agenda for 16 Jan 2004

Everything in order

(except one copyright release)

## IEEE 802.16 Conformance Issues

Ken Stanwood, Chair

P802.16/Conformance02 (10-66 GHz TSS&TP):

Approved by RevCom in Dec 2003

IEEE staff editor to release draft on 12 Jan

P802.16/Conformance03 (Radio Conformance Tests):

100% Approval in Sponsor Ballot

30 comments

Comment resolution this week

Proposed Motion for Closing Plenary: "To accept IEEE 802.16-03/59r2 as the resolutions of the P802.16/Conformance03 Sponsor Ballot comments, initiate a recirculation, authorize a Task Group C Ballot Resolution Committee to resolve any resulting comments, conduct additional recirculations if necessary, and request conditional approval from the 802 EC to forward the final balloted draft to RevCom."

P802.16/Conformance04 (PICS, <11 GHz)

PAR submitted by 802.16 and 802 in Nov 2003

IEEE-SA staff objecting to numbering scheme, again

Issue to address with 802 Chair and staff this week

The WG Chair proposed to hold no Task Group C meetings this week, authorizing the TGC chair to prepare proposed comment resolutions for consideration at the Closing Plenary. This plan was adopted without objection.

### ***P802.16-REVd***

Gordon Antonello, Chair, Task Group d

Itzik Kitroser, Editor

Bob Nelson, Acting Editor

WG Letter Ballot #13

Completed first round before Session #28

Resolved comments at Session #28

Recirculation #13a completed in Dec 2003

44 Approve/5 Disapprove

144 comments to resolve this week

New draft development schedule is needed (old one erased by outcome of Session #28)

### **TGe**

Brian Kiernan, Chair

Shawn Taylor, Vice Chair

Ron Murias, Technical Editor

IEEE 802.16e (Mobility):

PAR approved 11 Dec 2002

Four Task Group Review cycles (Call for Comments)

Additional Working Group Review before Session #29

70 comments to resolve this week

To WG Letter Ballot this week (possibly)

Expected Closing Plenary Motion: "To accept, as a Working Group Draft, the TGe Working Document (802.16e-03/07r5) as modified by the comment resolutions (IEEE 802.16e-04/02r2) and open Working Group Letter Ballot #14 on that Draft (P802.16e/D1)."

## Liaison

ITU-R: Input document IEEE L802.16-03/20; drafting group to develop response for Closing Plenary. This letter will be quite a bit of work. An ad hoc team was assembled to work on this document. Marianna Goldhammer stated that she had attended a recent ITU-R meeting. Many countries such as Russia and Brazil will only allow products that are approved by ITU-R.

ITU-T Study Group 9: Input documents IEEE L802.16-03/21 and IEEE L802.16-03/22; drafting group to develop response for Closing Plenary. This ITU-T group would like to work jointly with IEEE 802.16 on a solution to help connect to a large amount of dark fiber that is available but not being used within the cable television plant.

TTA PG05: Input document IEEE L802.16-03/23; drafting group to develop response for Closing Plenary. This is a standards body in Korea and for the first time is considering liaison with other standards bodies.

## Future Sessions

Session #30:

15-18 March 2004 at the Hilton in the Walt Disney World Resort, Orlando, FL, USA with IEEE 802 Plenary Session

Session #31:

17-20 May 2004: Shenzhen, Guangdong, People's Republic of China

Hosted by Rajesh Bhalla, ZTE Corporation

note: other 802 wireless WGs meet the previous week in Anaheim, USA

Session #32:

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

Session #33:

September 2004 (possibly 20-23); site to be determined

*note: other wireless WGs looking at Monterey or San Diego, CA, USA; possibly Berlin or Sydney*

## Closing

Motion 3: Carl Eklund To adjourn the meeting 2<sup>nd</sup>.David Johnston.

Motion 3: carries by unanimous voice vote.

The meeting was adjourned at 3:20 pm on 12 January 2004.

## Closing Plenary

### Opening

Chair Roger Marks called the meeting to order at 7:10 pm on 15 January 2004.

### Agenda

Motion 4: To approve the agenda as presented

Motion 4: carries by unanimous consent.

### Task Group C

Chair: Ken Stanwood

Resolved 30 comments, they were all marked accepted except for one comment.

Motion5: Ken Stanwood, to accept IEEE 802.16-03/59r2 as the resolutions of the P802.16/Conformance03 Sponsor Ballot comments, initiate a recirculation, authorize a Task Group C Ballot Resolution Committee to resolve any resulting comments, conduct additional recirculations if necessary, and request conditional approval from the 802 EC to forward the final balloted draft to RevCom, 2<sup>nd</sup> David Johnston.

Motion5: carriers 25-0-0.

### Task Group d

Chair: Gordon Antonello

See the chair's closing report (IEEE 802.16d-04/02) for more details.

Resolved a total of 176 comments. One comment was not resolved.

Motion 6: Gordon Antonello, To accept IEEE 802.16-03/51r8 as the resolutions of the Recirculation Ballot #13a comments and initiate a recirculation, 2<sup>nd</sup>

Friendly Amendment Bob Nelson to resolve a missed comment during this meeting and will be reflected in IEEE 802.16-03/51r9 which is identical to IEEE 802.16-03/51r8 with the exception that comment 660 was accepted thereby superceding comment 602. The Friendly Amendment was accepted, 2<sup>nd</sup> Yossi Segal

Motion 6: To accept IEEE 802.16-03/51r9 as the resolutions of the Recirculation Ballot #13a comments and initiate a recirculation.

Motion 6: carries 31-0-0.

Motion 7: Gordon Antonello, To request conditional approval from the 802 EC to forward the final balloted P802.16REVd draft for Sponsor Ballot, 2<sup>nd</sup> Brian Kiernan.

Motion 7: carries 34-0-0.

Motion 8: Gordon Antonello, To authorize Task Group d to resolve any resulting comments and conduct additional recirculations if necessary, 2<sup>nd</sup> Lei Wang.

Motion 9: Gordon Antonello, To authorize a Ballot Resolution Committee comprised of the Working Group Chair and Vice Chair, to resolve any resulting Letter Ballot #13 comments and conduct additional recirculations if necessary, provided that the resulting resolutions do not alter the draft, 2<sup>nd</sup> Bob Nelson.

Motion 9: carries 29-3-0.

Motion 10: To adopt the *P802.16-REVd Development Schedule*, 2<sup>nd</sup> David Johnston.

Motion 10: carries 26-3-1.

## Task Group e

Chair: Brian Kiernan

See the chair's closing report (IEEE 802.16e-04/04) for more details.

Resolved a total of 71 comments to the working document.

Motion 11: Brian Kiernan, To accept, as a Working Group Draft, the TGe Working Document (802.16e-03/07r5) as modified by the comment resolutions (IEEE 802.16e-04/02r2) and open Working Group Letter Ballot #14 on that Draft (P802.16e/D1), 2<sup>nd</sup> Zion Hadad.

Motion 11: carries 30-0-0.

## Liaison

Motion 12: Marianna Goldhammer, To approve the Draft Letter to TTA, with appropriate editorial revisions, 2<sup>nd</sup> Panyuh Joo

Motion 12: carries 28-0-0.

Motion 13: David Johnston, to approve the Draft Letter to ITU-T SG 9, with appropriate editorial revisions, 2<sup>nd</sup> Ron Murias.

Motion 13: carries 26-0-0.

Motion 14: Marianna Goldhammer, To approve the Draft Letter to ITU-R, with appropriate editorial revisions 2<sup>nd</sup> Philip Barber.

Motion 14: carries 15-0-2.

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

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Session #31:

17-20 May 2004: Shenzhen, Guangdong, People's Republic of China

Hosted by Rajesh Bhalla, ZTE Corporation

note: other 802 wireless WGs meet the previous week in Anaheim, USA

Session #32:

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

Session #33:

September 2004 (possibly 20-23); site to be determined

note: other wireless WGs looking at Berlin or Sydney

Proposals for Session #33

Panyuh Joo proposes a location near Pusan, Korea; dates are open

Frank Draper proposes Montreal, Canada

David Castelow proposes London, UK

Aditya Agrawal proposes Tokyo, Japan, in Shinjuku area, proposing the week of September 6<sup>th</sup>.

IEEE 802.15 would like a straw poll as follows

Straw Polls

Wireless groups should have at least one interim annually outside of the US Yes 79 No 1

All wireless interim –

Berlin week of Sept 13<sup>th</sup>, Yes 5 No 21  
Sydney week of Sept 20<sup>th</sup> Yes 8 No 28

Session #34:

15-18 November 2004 at the Hyatt Regency San Antonio, TX, US with the IEEE 802 Plenary Session

## Publicity

The chair was authorized, without objection, to create the Session #29 Report. See Annex, and <http://ieee802.org/16/meetings/mtg29/report.html>.

## New Business

David Johnston announced that it looks like the handoff group will be change from an ECSG to IEEE 802.21. There will be elections held at the next plenary meeting.

Roger Marks is willing to grant attendance credit to IEEE 802.16 for people that attend IEEE 802.21. It would be appropriate to have a formal liaison between the two groups be appointed in the future.

There are elections scheduled for the IEEE 802 Executive Committee at the March meeting. There will be Chair and Vice Chair elections for IEEE 802.16. Roger Marks plans to run for Chair and Ken Stanwood plans to run for vice chair.

## Closing

Motion 15: Ron Murias, to adjourn the meeting, 2<sup>nd</sup> Jon Labs.

Motion 15: carries by unanimous voice vote.

The meeting was adjourned at 9:40pm on 15 January 2004.