



Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Minutes of IEEE 802.16 Session #28	
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Re:	IEEE 802.16 Session #28 Minutes (Albuquerque, NM, 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 #28

IEEE 802.16 Working Group

Albuquerque, NM USA

10-13 November 2003

Opening Plenary

Call to Order

Roger Marks called the meeting to order at 1:40 pm, 10 September 2003.

IEEE 802.16 Working Group Officers

Chair: Roger Marks

Vice Chair: Ken Stanwood

Secretary: Dean Chang

Members

55 individuals were members before the session. Members, Newly-Former Members, Potential Members, and Members in Peril lists were reviewed.

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/mtg/mtg28/opening.html>>

Motion 1: David Johnston, to approve Opening Plenary agenda on the 802.16 server, 2nd Naftali Chayat.

Motion 1: carries by unanimous voice vote.

Motion: 2: Ron Murias, to approve Minutes of Session #27 (802.16-03/44) and decisions therein, 2nd Brian Kiernan

Motion: 2: carries by unanimous voice vote.

Chair's Status Report (IEEE 802.16-03/52)

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-SA Actions:

No news in this area.

IEEE 802 Rule Changes

There were two rules changes under ballot for approval on Friday.

Mat Sherman is planning to develop a rewrite of the entire 802 rules, putting them in a more conventional form.

802 PARs up for approval

802.1 Key Agreement

802.3 10GBASE-T

802 Handoff Study Group

Agenda for the Week

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

<http://iee802.org/16/meetings/mtg28/agenda.html>

Task Groups

TG2 (P802.16.2a)

Phil Whitehead, Chair (not present)

P802.16.2-REVa/D8 is currently in second Sponsor Ballot Recirc, until 10 pm Albuquerque time on Thursday 13 November; currently no Disapproves and no comments in second recirc.

Expected Closing Plenary Motion: To request that the LMSC EC forward P802.16.2-REVa/D8 to RevCom; and to authorize the previous TG2 Ballot Resolution Committee to resolve recirculation comments, if any arise

Task Group C

Chair: Ken Stanwood

IEEE 802.16 Conformance/01 (PICS for 10-66 Ghz)

Approved 12 June 2003 Published: 18 August 2003

Award Plaques were expected but not delivered by IEEE-SA. Awards postponed until March 2004, for:

Ken Stanwood, Chair

Carl Eklund, Technical Editor

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

Completed Sponsor Ballot

No disapproves

No recirc comments

Motion 3: To request that the LMSC EC forward P802.16/Conformance02/D4 to RevCom, 2nd Gordon Antonello

Motion 3: carries 20-0-1.

Reviewed results of WG Letter Ballot #12, on P802.16/Conformance03/D2. No disapproves, and no recirc comments.

Motion 4: Ken Stanwood, To request that the LMSC EC forward P802.16/Conformance03/D2 for Sponsor Ballot, 2nd Shawn Taylor

Motion 4: carries 17-0-0.

New PAR

Gordon Antonello proposed a new conformance PAR for 2-11 GHz PICS.

During the discussion there was a suggestion to include the word "fixed" broadband wireless in the PAR. A straw poll was taken the results were as follows:

Leave as is 27.

Add the word "fixed" 3

The word was not added.

[P802.16/Conformance03/D2](#)

Some change edits were made to the PAR (revised as IEEE 802.16-03/54).

Motion 5: Gordon Antonello, to submit the new PAR to the EC covering conformance for 2-11 GHz PICS, subject to reconfirmation of the submittal decision at the 802.16 closing plenary, 2nd Ken Stanwood.

Motion 5 carries 23-0-2.

TGe

Brian Kiernan, Chair
Shawn Taylor, Vice Chair
Ron Murias, Technical Editor

Report of Responses ([802.16e-03/24](#)) to Task Group Review ([802.16e-03/23](#)) on TGe Working Document ([802.16e-03/07r4](#))

14 contributions were received. Some make sense for a joint session with TGd and others look better for TGd.

Expected Closing Plenary Motion: "To accept, as a Working Group Draft, the TGe Working Document ([802.16e-03/07r4](#)) as modified by the comment resolutions (Doc #) and open Working Group Letter Ballot #14 on that Draft (P802.16e/D1)"

TGd

Gordon Antonello, Chair
Itzik Kitroser, Technical Editor
Bob Nelson, Technical Editor

Was P802.16d (2-11 GHz System Profiles as an amendment to the base standard. (802.16/a/c)

Now converted to a revision PAR

There were a large number of comments submitted so this group may need to work night sessions to complete the comment resolution process.

Liaison

IEEE 802.18

Chair Carl Stevenson

5 GHz NPRM comments developed.

FCC NPRM on 5 GHz this Thursday

FCC NPRM on RF exposure

ITU-R Trends on UWB FCC is trying to export UWB rules but are getting quite a bit of push back.

Chinese WAPI Security Standard – China now requires these security standards which are different than 802 standards. This is a diplomatically delicate situation.

ITU

Overview of ITU Issues: [IEEE L802.16-03/10](#)

ITU-T Liaison Statements: [IEEE L802.16-03/12](#) and [IEEE L802.16-03/13](#)

ITU-R Input Document: [IEEE L802.16-03/11](#)

Jose Costa is volunteering to continue as liaison between ITU-R and IEEE 802.16. He is reappointed.

The following people volunteered to work on a drafting committee to draft liaison responses: Roger Marks (Chair), Mike Lynch, Remi Chayer, Andy Gowans, Marianna Goldhammer and DS Kwon .

ETSI HiperMAN and TM4 Liaison

Marianna presented a report on the status of ETSI HiperMAN (posted after the session as IEEE L802.16-03/18).

802.16REVd-D1 OFDM mode is aligned with HiperMAN.

ETSI TM4 did not allow omnidirectional antennas in the 3.5 GHz frequency bands due to interference with satellite equipment. So only directional antennas were allowed.

Future Sessions

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 WDW Park Preserve, Orlando, FL, USA with IEEE 802 Plenary Session (hotel changed; original hotel closed)

Session #31:

May/June 2004: to be chosen at Closing Plenary

- invitation to join other 802 wireless groups, May 10-13, Anaheim, CA, USA
- [invitation to join WCA2004](#), June 1-4, Washington, DC, USA (IEEE L802.16-03/14)

Other suggestions were solicited. Panyuh Joo suggested Korea, probably Cheju. Rajesh Bhalla suggested Shenzhen, China. A straw poll was taken where everyone could vote. Multiple votes could be made for each location.

Straw Poll

Anaheim	38
WCA Washington	5
China	33
Korea	30

Session #32:

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

Closing

Motion 7: Gordon Antonello, To adjourn the meeting 2nd Bob Nelson.

Motion 7: carries by unanimous voice vote.

The meeting was adjourned at 4:31pm on 10 November 2003.

Closing Plenary

Opening

Chair Roger Marks called the meeting to order at 7:00 pm on 13 November 2003.

Motion 8: Gordon Antonello, to recess the plenary meeting for one hour, 2nd Shawn Taylor.

Motion 8: carries by voice vote, with one vote against.

Session resumed at 8:00 pm.

Agenda

Motion 9: David Johnston, to approve the agenda as presented, 2nd Remi Chayer

Motion 9: carries by unanimous voice vote

Task Group 2

Motion 10: Remi Chayer, to request that the LMSC EC forward P802.16.2-REVa/D8 to RevCom; and to authorize the previous TG2 Ballot Resolution Committee to resolve recirculation comments, if any arise, 2nd Brian Kiernan.

Motion 10: carries 22-0-0.

Liaison

The Chair noted that IEEE is now an ITU-R Sector Member as an international organization.

The following two letters were reviewed:

Approval of Liaison Statement to ITU-T [IEEE L802.16-03/15Draft2]

Approval of Liaison Statement to ITU-R [IEEE L802.16-03/16Draft2]

Motion 11: Carl Stevenson, to approve the two liaison letters IEEE L802.16-03/15Draft2 and IEEE L802.16-03/16Draft2 and allow the chair to make editorial touchups to the documents before delivering them, 2nd Remi Chayer.

Motion 11: carries by unanimous voice vote.

802.18 TAG

Chair Carl Stevenson reported.

Motion 12 Carl Stevenson, to approve document 18-03-0072-01-0000-RR-TAG_reply_comments_to_ET 03-137.doc, authorizing the Chair of 802.18 to do necessary editorial and formatting changes, seek EC approval as an 802 document, and file the document in a timely fashion with the FCC., 2nd David Johnston

Motion 12 carries by unanimous voice vote.

Motion 13 Carl Stevenson to approve document 18-03-0073-00-0000_Cmts_ET_03-201_Pt15.doc, authorizing the Chair of 802.18 to do necessary editorial and formatting changes, seek EC approval as an 802 document, and file the document in a timely fashion with the FCC, 2nd Marianna Goldhammer

Motion 13 carries by unanimous voice vote.

Motion 14 Carl Stevenson To approve document 18-03-0077-00-0000_WAPI_letter_To_China.doc, authorizing the Chair of 802.18 to do necessary editorial and formatting changes, seek EC approval as an 802 document, and deliver the letter in a timely fashion on behalf of 802 as delegated by the Chair, 2nd Marianna Goldhammer
 Motion 14 carries by unanimous voice vote.

Motion 15 Carl Stevenson To authorize the Chair of 802.18 to seek EC approval to craft an appropriately formatted (ITU-R format) input contribution for the upcoming meetings of ITU-R JRG 8A/9B and WP8A that accurately embodies the substance of the RLAN protection criteria agreement embodied in document 18-03-0078-00-0000_RLAN_protection_criteria.doc, and to submit the document to the ITU-R on behalf of IEEE 802 and present and advocate for it from the floor during the ITU-R meetings as appropriate, 2nd Marianna Goldhammer
 Motion 15 carries by unanimous voice vote.

Task Group d

Chair: Gordon Antonello

See results in the closing report (IEEE 802.16d-03/15r1).

485 comments were resolved.
 The resolution of all technical binding comments, except two, were “satisfied”.

Two motions were made.

Motion 16: To accept IEEE 802.16-03/51r2 as the resolutions of Letter Ballot #13, develop Draft P802.16-REVd/D2 based on those resolutions, and initiate Recirculation #13a, 2nd Ofer Kelman
 Motion 16: carries 28-0-2.

Motion 17: Jonathan Labs, to request conditional approval from the LMSC EC to forward P802.16-REVd/D2 for Sponsor Ballot, 2nd Brian Eidson.
 Motion 17: fails 16-15-4 (for lack of 75% approval).

The goal is to try to get this wrapped up by January. Roger proposes a four week recirc and split the remaining time between reply comments and responses to reply comments. There were no objections to this plan.

January is the next opportunity to go to sponsor ballot.

Task Group e

Chair: Brian Kiernan

See the chair’s report for details (IEEE 802.16e-03/27).

Motion 18: To accept, as a Working Group Draft, the TGe Working Document (802.16e-03/07r4) as modified by the comment resolutions (IEEE 802.16e-03/24r2) and open Working Group Letter Ballot #14 on that Draft (P802.16e/D1), 2nd David Johnston.
 Motion 18: fails 23-9-3 (for lack of 75% approval).

Motion 19: Yigal Lieba To conduct a working group review on working document 802.16e-03/07r5, 2nd Remi Chayer.
 Motion 19: carries 27-3.

Task Group C

Chair: Gordon Antonello

Have submitted a the proposed PAR ([IEEE 802.16-03/54](#)) to the Executive Committee and have not heard anything.

802 Handoff Study Group

Chair: David Johnston

Received feedback from 802.1 and 802.16. Approved the PAR and 5 Criteria.

A letter was sent to 802.16 showing appreciation for the comments from the 802.16 working group (IEEE L802.16-03/17).

Motion 20: David Johnston, to direct the chair, Roger Marks, to support the PAR and 5 criteria for the Handoff ECSG at the Executive Committee meeting on 14, November 2003, 2nd Brian Kiernan

Motion 20: carries 29-0-0.

802 SEC Motions

Roger plans to make 5 different motions at the Executive Committee meeting, all listed throughout the minutes here.

See <<http://iee802.org/16/meetings/mtg28/lmsc/index.html>>.

Future Sessions <<http://iee802.org/16/calendar.html>>

Session #29:

12-15 January 2004: Hyatt Vancouver, Vancouver, British Columbia, Canada

Sponsored by IEEE 802; joint with other 802 wireless groups)

Motion 21: Ken Stanwood To authorize the Working Group to conduct business at Session #29, with or without a formal quorum at Session #29, 2nd Shawn Taylor.

Motion 21: carries 28-0-0.

Session #30

14-19 March 2004 at the WDW Park Preserve, Orlando, FL, USA with IEEE 802 Plenary Session

Session #31

Four proposals were made for session #31. The straw poll was held in order to choose. All attending were permitted to vote, and for as many proposals as they liked.

Proposal 1 at the WCA meeting June 1-4 in Washington DC,

Proposal 2 Anaheim, CA at the Hyatt Regency on May 10-13 near Disneyland

Proposal 3 Shenzhen, China at the Crown Plaza proposal sent via letter.

Proposal 4 Seoul, Korea proposal, hotel TBD.

Straw Poll #1

Proposal 1 For 7

Proposal 2 For 28

Proposal 3 For 24

Proposal 4 For 13

Straw Poll #2

Proposal 2 For 27

Proposal 3 For 23

Proposal 4 For 20

Straw Poll #3

Proposal 2 For 22

Proposal 3 For 23

Motion 22: Remi Chayer to have session #31 in Shenzhen, China sponsored by ZTE Corporation, 2nd Lei Wang
Motion 22: carries 23-1-0.

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 #28 Report. See Annex, and
<<http://ieee802.org/16/meetings/mtg28/report.html>>.

New Business

None.

Closing

Motion 23: Baraa Al-Dabagh, To adjourn the meeting, 2nd .Lei Wang

Motion 23: carries by unanimous voice vote.

The meeting was adjourned at 11:10pm on 13 November 2003.