

2004-05-17

IEEE 802.16

IEEE 802.16-04/28

Working Group on Broadband Wireless Access (BWA)



Welcome

IEEE 802.16

**Working Group on
Broadband Wireless Access**

802.16 Session #31

Opening Plenary

17 May 2004

Shenzhen, China

802.16 Officers

- **Chair: Roger Marks**
- **Vice Chair: Ken Stanwood**
- **Secretary: Dean Chang**

Logistics and Registration

- **Registration**
- **Banquet on Wednesday evening**

Document Access

- **On-site http server:**
 - **http://192...**
- **On-site ftp server:**
 - **192.168.2.250**
 - **Private: IEEE/IEEE**
- **Internet**
 - **http://WirelessMAN.org**

Membership

- **90 Members**
- **40 Potential Members**
- **57 Official Observers**
- **Registration for this session**
 - **218 people registered in advance**

Attendance Books

- **Two books**
 - **Names pre-printed**
 - **Advance registrants**
 - **Others: write in your name**
- **Add a business card if we don't know your current contact information**
- **Initial in appropriate box during appropriate session interval (not before or after)**
- **“participation” credit: 6 intervals**

Opening Plenary Agenda

- **Motion: To approve the Opening Plenary Agenda on the 802.16 web site**

Approval of Minutes

- Motion: To approve the minutes of Session #30 (IEEE 802.16-04/16)

Chair's Status Report

IEEE 802 Rules: WG Operation

5.1.4 Operation of the Working Group

- The operation of the Working Group has to be balanced between democratic procedures that reflect the desires of the Working Group members and the Working Group Chair's responsibility to produce a standard, recommended practice, or guideline, in a reasonable amount of time.
- Robert's Rules of Order shall be used in combination with these operating rules to achieve this balance.

IEEE 802 Rules: Chair's Role

5.1.4.1 Chair's Function

- **The Chair of the Working Group decides procedural issues. The Working Group members and the Chair decide technical issues by vote. The Working Group Chair decides what is procedural and what is technical.**
- **Note: 802.16 Chair delegates the power to make procedural decisions to the presiding Task Group Chair**

IEEE 802 Rules: WG Domination

The Working Group Chair has the authority to determine if the Working Group is dominated by an organization, and, if so, treat that organization's vote as one (with the approval of the Executive Committee).

Rules: Copyrights

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

Restrictive Notices

**IEEE-SA Standards Board/Committees
and communications with
Restrictive notices**

"At Each Meeting, the Working Group Chair shall:"

- **Show slides #1 and #2 of this presentation (*the following two slides*)**
- **Advise the WG membership that:**
 - 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.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
 - that the foregoing advice was provided and the two slides were shown;
 - that 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;
 - any responses that were given, specifically the patents and patent applications that were identified (if any) and by whom.

IEEE-SA Standards Board Bylaws on Patents in Standards

6. Patents

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. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent becomes known after initial approval of the standard). This assurance shall be a letter that is in the form of either

- a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement the proposed IEEE standard against any person or entity using the patent(s) to comply with the standard or
- b) A statement that a license will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination

This assurance shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

Inappropriate Topics for IEEE WG Meetings

- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions or market share
- Don't discuss ongoing litigation or threatened litigation
- Don't be silent if inappropriate topics are discussed... do formally object.

If you have questions, contact the IEEE Patent Committee Administrator at patcom@ieee.org

IEEE-SA Actions since Session #30

- **IEEE Standard 802.16.2-2004**
 - ["Recommended Practice for Local and Metropolitan Area Networks - Coexistence of Fixed Broadband Wireless Access Systems"]
 - published on 17 March 2004
- **IEEE Standard P802.16/Conformance03-2004**
[10-66 GHz Radio Conformance Tests]
 - approved as a new standard by the IEEE-SA Standards Board on 12 May 2004 (802.16's 8th standard)
- **Project P802.16/Conformance04**
 - [<11 GHz PICS Proforma]
 - initiated by the IEEE-SA Standards Board on 25 March 2004 (giving us 2 active projects)

IEEE 802.16 Air Interface Work

Complete Standards

IEEE Std 802.16
Publ: Apr 2002
MAC
10-66 GHz PHY

802.16c
Profiles
Publ: Jan 2003

802.16a
2-11 GHz PHY
Publ: April 2003

Active Projects

P802.16-REVd
Revision
Complete: May 2004?

P802.16e
Mobile Amendment
Start: Dec 2002
In WG Ballot

Additional IEEE 802.16 Work

Conformance

IEEE Std 802.16/Conf01
10-66 GHz PICS
Publ: Aug 2003

IEEE Std 802.16/Conf02
10-66 GHz TSS&TP
Publ: 25 Feb 2004

P802.16/Conf03
10-66 GHz RCT
Approved: 13 May 2004

P802.16/Conf03
11 GHz PICS
New in March 2004

Coexistence

IEEE Std
802.16.2-2001
Publ: Sep 2001

Revision:
IEEE Std
802.16.2-2004
Publ: Mar 2004

Review of Schedule for the Week

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Task Group C (TGC)

Ken Stanwood: Chair

Gordon Antonello: Vice Chair

- **IEEE P802.16/Conformance04**
 - **<11 GHz PICS**
 - New project

P802.16-REVd

- **Gordon Antonello: Chair, Task Group d**
- **Itzik Kitroser, Technical Editor**

- **Draft 5**
 - **>900 pages**
 - **14 May 2004**

- **In recirculation**

- **Submitted to RevCom for IEEE approval in June**

P802.16e

- **Brian Kiernan: Chair**
- **Ron Murias, Editor**

- **PAR approved 11 Dec 2002**
- **Five “Call for Comments” Review cycles**
- **WG Letter Ballot #14 opened in January**
- **WG Recirc Ballot #14a opened in March**
 - **Comment resolution this week**

Network Management Study Group

- **David Johnston: Chair**
- **Phil Barber, Vice Chair**

- **Approved by IEEE 802**
 - **March-July 2004**

Ad Hoc Committee on Licensed- Exempt Coexistence

- **Marianna Goldhammer, Chair**

Review of Schedule for the Week

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Charge to Task Groups

- Actions
 - Focus on output
- Reporting
 - Keep minutes! Submit minutes this week!
 - Approve prior minutes
 - Include meeting times in closing report
- Closing Plenary Motions
 - To server in advance
- Session #31 Report: Prepare input

802.16 Sessions

- #31: 17-20 May 2004
 - Shenzhen, China
- #32: 12-15 July 2004
 - Portland, OR, USA
- #33: Aug 30 - Sep 2 2004
 - Seoul, Korea
- #34: Nov 15-18 2004
 - San Antonio, Texas, USA

New Business



Closing

- Be cooperative, flexible, and constructive.
- Solve problems.
- **FINISH THE WORK!**
- Keep records.
- Motion to adjourn.