

2004-03-15

IEEE 802.16

IEEE 802.16-04/13

# Working Group on Broadband Wireless Access (BWA)



**Welcome**

**IEEE 802.16**

**Working Group on  
Broadband Wireless Access**

**802.16 Session #30**

**Opening Plenary**

**15 March 2004**

**Orlando, FL, USA**

# 802.16 Officers

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

# Logistics and Registration

- **Registration**
- **Social on Wednesday evening**

# Document Access

- **On-site server:**
  - **<http://10.0.1.16>**
  - **Private: attendee/MCO**
  - **upload server on LAN**
    - **not accessible from Internet**
- **Other wireless groups**
  - **<http://802wirelessworld.com>**
- **Internet**
  - **<http://WirelessMAN.org>**

# Membership

- 64 Members
  - Lost two following Letter Ballot #14
- 44 Potential Members
- Members in Peril
  
- Working Group and Task Groups
  - Formal votes are by Members only
    - Member badge = Voting Token
  
- Registration for this session
  - 140: Primary (last plenary: 88)
  - 138: Secondary

# Attendance Books

- **Two books**
  - TGe, TGd
  - Names pre-printed
  - Pre-registrants, Members, recent participants
- **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 #29 (IEEE 802.16-04/05) and decisions therein.

# 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](mailto:patcom@ieee.org)**

# 802.16 Projects: 10-66 GHz

## Air Interface

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

**802.16c**  
**(Profiles)**  
**Publ: Jan 2003**

## Conformance

**IEEE Std**  
**802.16/Conf01**  
**(PICS)**  
**Publ: Aug 2003**

**IEEE Std**  
**802.16/Conf02**  
**(TSS&TP)**  
**Publ: 25 Feb '04**

**P802.16/Conf03**  
**(RCT)**  
**Sponsor Ballot:**  
**closed; 100%**

## Coexistence

**IEEE Std**  
**802.16.2**  
**Publ: Sep 2001**

# Newer 802.16 Projects

## Air Interface

### **802.16a**

- 2-11 GHz PHY

**Publ: April 2003**

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

Revision

- Sponsor Ballot

### **P802.16e**

- Mobile Amendment
- Start: Dec 2002
- WG Letter Ballot

## Conformance

### **P802.16/Conf04**

PAR on NesCom  
agenda

## Coexistence

### **IEEE Std**

### **802.16.2-2004**

- Revision
- Approved:  
09 Feb 2004

# Review of Schedule for the Week

</meetings/mtg30/agenda.html>

# Task Group 2 (TG2)

**Phil Whitehead, Chair**

- **Coexistence**
- **IEEE Std 802.16.2-2004**
  - **Approved 9 Feb**
  - **Publication in progress**

# Task Group C (TGC)

## Ken Stanwood: Chair

- **IEEE Std 802.16/Conformance01**
  - **10-66 GHz PICS**
  - Published: 18 August 2003
- **IEEE Std 802.16/Conformance02**
  - **10-66 GHz TSS&TP**
  - Published: 25 February 2004
- **IEEE Std 802.16/Conformance03**
  - **Radio Conformance Tests**
  - Completed Sponsor Ballot
- No meetings

# P802.16-REVd

- **Gordon Antonello: Chair, Task Group d**
- **Itzik Kitroser, Technical Editor**
- **>800 pages**
- **Sponsor Ballot closed on 13 March**
- **Passed, pending comment resolution**
- **Comment resolution this week**



# P802.16e

- **Brian Kiernan: Chair**
- **Ron Murias, Editor**
  
- **PAR approved 11 Dec 2002**
- **Five “Call for Comments” Review cycles**
- **January:**
  - **Adopted draft**
  - **Agreed to open WG Letter Ballot**
- **Ballot passed, pending comment resolution**
  
- **Comment resolution this week**

# 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 #30 Report: Prepare input

# Projector Handling

- See agenda

# Future Sessions

- See agenda

# New Business



# Closing

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