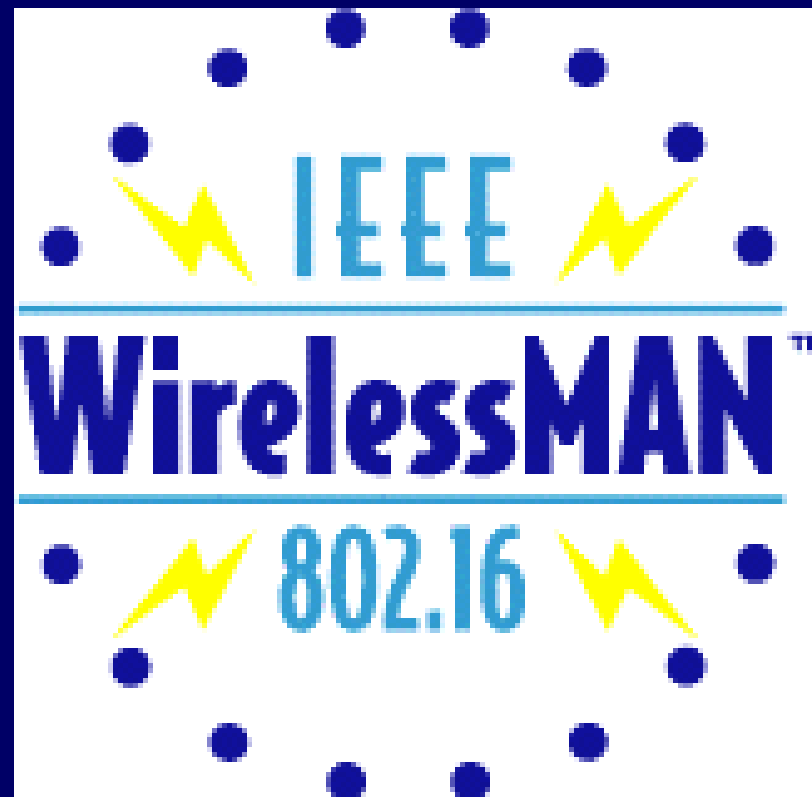


2003-01-13

IEEE 802.16

IEEE 802.16-03/01

# Working Group on Broadband Wireless Access (BWA)



**Welcome**

**IEEE 802.16**

**Working Group on  
Broadband Wireless Access**

**802.16 Session #23**

**Opening Plenary**

**13 January 2003**

**Fairmont San Jose**

**San Jose, California, USA**

# 802.16 Officers

- **Chair: Roger Marks**
- **Vice Chair:**
  - **Vacancy**
  - **Election later in this meeting**
    - **Members: pick up a ballot along with your membership sticker**
- **Secretary: Dean Chang**

# Logistics and Registration

- **Session #23 Corporate Host:**
  - **Wireless Communications Association**
- **Session #23 Member Host:**
  - **Dean Chang**
- **WCA/802.16 Luncheon**
  - **Monday 12:30-1:45 pm**
- **WCA Exhibition/Welcome Reception**
  - **Monday 5:30-7:30 pm**
- **WCA Wemmies Award / 802.16 Dinner**
  - **Tuesday 8:00-9:30 pm (show of hands)**

# Document Access

- **On-site server:**
  - **<http://10.0.1.16> 10.200.1.23**
  - **upload server on LAN**
    - **not accessible from Internet**
- **Internet**
  - **<http://WirelessMAN.org>**

# Membership

- 82 Members following Session #23
  - 11 Memberships lost by failure to participate in Letter Ballots
- 71 Members at this Session
- Session #22 Motion: To authorize the 802.16 Working Group to carry out business at its Plenary Meetings during Session #23, even in the absence of formal quorum
- Working Group and Task Groups
  - Formal votes are by Members only
    - Member sticker on badge = Voting Token

# Attendance Books

- **Four books**
  - TGe, TGd, TG2, and TGC
- **Names of pre-registrants are pre-printed**
- **Others: write in your name**
- **Add a business card if we don't know your current contact information**
- **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 #22 (IEEE 802.16-02/73) and decisions therein

# Chair's Status Report

# IEEE 802 Rules

## 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.**

# Robert's Rules

- **In the debate each member has the right to speak twice on the same question on the same day (except on an appeal), but cannot make a second speech on the same question as long as any member who has not spoken on that question desires the floor.**

# IEEE 802 Rules

## 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**

## " 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)**



# IEEE-SA Standards Board Actions

## At meeting of 11 December:

- Approved, as an IEEE Standard, IEEE 802.16c-2002 ("IEEE Standard for Local and metropolitan area networks—Part 16: Air Interface for Fixed Broadband Wireless Access Systems—Amendment 1: Detailed System Profiles for 10–66 GHz")
- Editing in progress; publication date: 13 January
  - (today)
- Congratulations to TGc:
  - Ken Stanwood, Chair
  - Carl Eklund, Editor

# IEEE-SA Standards Board Actions

## Meeting of 11 December, approved 3 802.16 PARs:

- P802.16e ["Amendment to IEEE Standard for Local and metropolitan area networks - Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems – Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands"]
- P802.16d ["Amendment to IEEE Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed Broadband Wireless Access Systems - Detailed System Profiles for 2-11 GHz"]
- P1802.16.2 ["Standard for Conformance to IEEE Standard 802.16 - Part 2: Test Suite Structure and Test Purposes (TSS&TP) for 10-66 GHz WirelessMAN-SC Air Interface"]

# IEEE-SA Standards Board Issue

On the RevCom Early Consideration agenda (meeting of 21 January) is of:

- P802.16a/D7: "Amendment to IEEE Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed Broadband Wireless Access Systems - Medium Access Control Modifications and Additional Physical Layer Specifications for 2-11 GHz"
- Preliminary comments are positive.

# IEEE 802 News

**Other 802 Wireless PARs approved by IEEE-SA Standards Board on 11 December:**

- 802.11j 4.9-5 GHz Operation in Japan
- 802.11k Radio Resource Measurement
- 802.15.3a higher rate PHY for 802.15.3
- 802.15.4 PAR revision
- 802.20 Mobile Broadband Wireless Access

# **IEEE 802 Rules Change Issues**

**(1) Changes to support TAGs  
approved in November 2002**

**(2) Quicker loss of membership  
failed in Nov 2002; not revived**

**(3) Change to SEC email voting  
failed in Nov 2002  
new version under consideration for  
March 2003**

# Review of Schedule for the Week

</meetings/mtg23/agenda.html>

# Task Group 2 (TG2)

- **Phil Whitehead, Chair**
- **Reza Arefi, Editor**
- **Coexistence (amendment to 802.16.2)**
- **Nov: 802 SEC granted conditional approval to open Sponsor Ballot on D3**
  - **WG Recirc Ballot #8b concluded**
- **Sponsor Ballot: 13 Dec - 11 Jan**
  - Approve 41
  - Disapprove 2
  - Abstain 6
- **Approved pending resolution of 112 comments/recirculation**

# Task Group C (TGC)

- **Ken Stanwood: Chair**
- **Carl Eklund, Editor**
- **1802.16.1 (10-66 GHz PICS):**
  - Standalone publication
  - WG Letter Ballot #9 complete (no Dis votes)
  - Recirc #9a: 31 Dec - 14 Jan (no input by 12 Jan)
  - Vote on Thursday to send to Sponsor Ballot
- **1802.16.2 (10-66 GHz TSS&TP):**
  - Standalone publication
  - PAR approved 11 Dec
  - Call for Contributions issued
  - Proposed Draft received as a contribution



# Task Group d (TGd)

- **Gordon Antonello: Chair**
- **Nico van Waes, Editor**
  
- **802.16d (2-11 GHz System Profiles, + Errata):**
  - **Amendment to base standard (802.16/a/c)**
  - **PAR approved 11 Dec**
  - **Call for Contributions issued**
  - **10 contributions received by 12 Jan**

# Task Group e (TGe)

- **Brian Kiernan: Chair**
- **Shawn Taylor, Vice Chair**
- **802.16e (Mobility):**
  - **Followup to 8 months of 802.16 Study Groups**
  - **Amendment to base standard (802.16/a/c)**
  - **PAR approved 11 Dec**
  - **Call for Contributions issued**
  - **9 contributions received by 12 Jan**

# Charge to Task Groups

- Actions
  - Focus on output
  - Be prepared for Session #24
- Reporting
  - Keep minutes
  - Approve prior minutes
- Closing Plenary Motions
  - To server in advance
- Session #23 Report
  - Prepare input

# Future Sessions

- See agenda

# Election of 802.16 Vice Chair

- Paul Struhsaker resigned at Session #21
- Election at Session #22 scheduled
  - Tabled until Session #23
- IEEE 802.16 Working Group Officer Election Process: IEEE 802.16-02/09
- Statements of Declared Candidate (5 min)
  - Naftali Chayat
  - Carl Eklund
- Election by Paper Ballot
  - 1 per member; return to Secretary

# New Business



# Closing

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