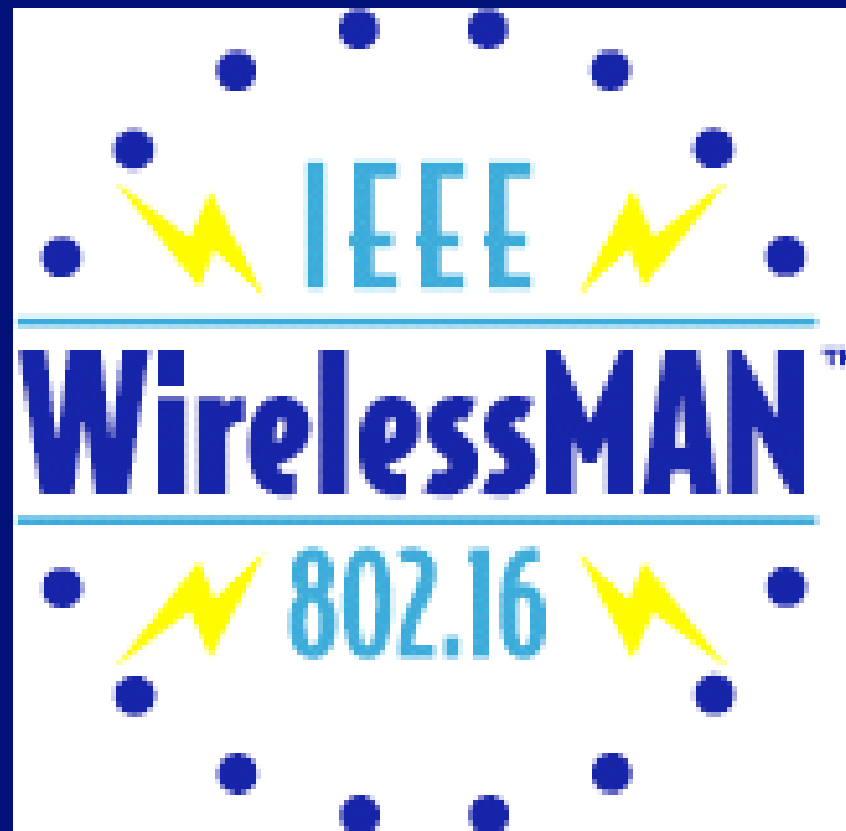


2004-01-12

IEEE 802.16

IEEE 802.16-04/02

# Working Group on Broadband Wireless Access (BWA)



**Welcome**

**IEEE 802.16**

**Working Group on  
Broadband Wireless Access**

**802.16 Session #29**

**Opening Plenary**

**12 January 2004**

**Hyatt Regency Vancouver**

**Vancouver, BC, Canada**

# 802.16 Officers

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

# Logistics and Registration

- **Registration**
- **Social on Wednesday evening**
  - Fairmont Hotel Vancouver, Pacific Ballroom
  - “light refreshments” (not dinner)
- **Lunch is included in registration fee**
  - No vegetarian tickets are issued, as lunches are all vegetarian friendly.
  - Lunch is served on the top floor of each hotel and therefore may cause some back up with the elevators. “We suggest that WG’s 802.16, 802.18, 802.19, 802.20 and 802.21 break at 12noon or 12:45pm.”

# Document Access

- **On-site server:**
  - **<http://10.0.1.16> or <http://mercury>**
  - **Private: attendee/YVR**
  - **upload server on LAN**
    - **not accessible from Internet**
- **Internet**
  - **<http://WirelessMAN.org>**

# Membership

- **63 Members**
  - Up from 55 at start of Session #28
  - Note: 85 participants at Session #28; most since Session #16 (Nov 2001)
- **For Session #30**
  - 22 Potential Members (so far)
  - 16 Members in Peril
- **Working Group and Task Groups**
  - Formal votes are by Members only
    - Member badge = Voting Token

# Attendance Books

- **Three books**
  - TGe, TGd, TGC
  - Names pre-printed
  - 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

## Opening Plenary Agenda:

</meetings/mtg29/opening.html>

## Motion:

*To approve the Opening Plenary  
Agenda*



# Approval of Minutes

## **Motion:**

***To approve the minutes of Session #28  
(IEEE 802.16-03/55)***

# 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

<http://iee802.org/16/arc/802-16list2/msg01014.html>

- The IEEE-SA Standards Board and its committees operate in an open manner. To that end, no material submitted to the IEEE-SA Standards Board or its committees will be accepted or considered if it contains any statement that places any burden on the recipient(s) with respect to confidentiality or copyright. Any communication, including electronic mail, containing language with such restrictive wording will not be accepted or considered.

## "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 802 EC News

## **EC=Executive Committee (formerly SEC)**

- 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 802.16 Participation

**For overview, see web, including:**

## **Key Development Resources**

<http://ieee802.org/16/resources.html>

## **Participants and Participation:**

<http://ieee802.org/16/partic.html>

## **Legal:**

<http://ieee802.org/16/legal.html>

# IEEE 802.16 Officer 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 at Session #30
- see documented IEEE 802.16 Working Group Officer Election Process
  - See Document IEEE 802.16-03/28

# IEEE 802.16 Project Status

**For overview, see:**

**Milestones:**

<http://ieee802.org/16/milestones.html>

**Publications:**

<http://ieee802.org/16/published.html>

# 802.16 Projects: 10-66 GHz

## Air Interface

IEEE Standard  
**802.16**

Publ: Apr 2002

- MAC
- 10-66 GHz PHY

**802.16c**  
(Profiles)

Publ: Jan 2003

## Conformance

**802.16/Conf01**  
(PICS)

Publ: Aug 2003

**802.16/Conf02**  
SA-SB Approved  
Dec 2003

**P802.16/Conf03**  
SB done  
100% Approval;  
comments

## Coexistence

IEEE Standard  
**802.16.2**

Publ: Sep 2001

# 802.16 Projects: 2-11 GHz

## Air Interface

### 802.16a

- 2-11 GHz PHY
- Publ: April 2003

### P802.16-REVd

#### Revision

- In WG Letter Ballot
- SB opens Feb 2004?

### P802.16e

- Mobile Extension
- Start: Dec 2002
- Draft to WG Ballot:  
Jan 2004?

## Conformance

### P802.16/Conf04

PAR submitted

## Coexistence

### 802.16.2-REVa

#### Revision

- 2-11 GHz
- RevCom, Jan 2004



# Review of Schedule for the Week

</meetings/mtg29/agenda.html>

# Task Group 2 (TG2)

**Phil Whitehead, Chair**

- **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**

# Task Group C (TGC)

## 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
- **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

# 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 schedule (old one erased by Session #28)**

# Task Group e (TGe)

- **Brian Kiernan: Chair**
- **Ron Murias: Editor**
- **IEEE 802.16e (Mobility):**
  - PAR approved 11 Dec 2002
  - Four Task Group Reviews cycles
    - Call for Comments
- **Additional Working Group Review for Session #29**
  - 70 comments to resolve this week
  - To WG Letter Ballot this week?

# Charge to Task Groups

- Actions
  - Focus on output
  - Be prepared for Session #30
- Reporting
  - Keep minutes! Submit minutes this week!
  - Approve prior minutes
  - Include meeting times in closing report
- Closing Plenary Motions
  - To server in advance
- Session #29 Report: Prepare input

# Projector Handling

- **Presentation Services (PS) will manage LCD projectors.**
- **In each meeting is a notice with instructions on how to contact PS.**
- **When your meeting is over for the day, or for lunch or supper, follow the instructions on the notice to contact PS to pick up and secure the LCD projector. Inform them when your meeting will resume to unlock the door.**
- **When your meeting has completed for the week, follow the above instructions to contact audio/visual services and inform Face To Face staff in the Windsor (Hyatt). The room and projector may be useful to another group.**
- **If there is not a notice in your room instructing you how to contact PS or you fail to reach them, please contact Face To Face Events staff immediately at the numbers listed above. After hours, please contact Darcel Moro 604-644-6374 and contact security to lock your meeting room.**
- **PS picks up all LCD projectors by 11pm.**
- **If audiovisual facilities are not provided as specified on the 802 agenda, call PS for a correction.**
- **If audiovisual facilities are not adequate for conducting the meeting, contact the WG Chair immediately. If not available, contact PS.**

# Future Sessions

- See agenda



# New Business



# Closing

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