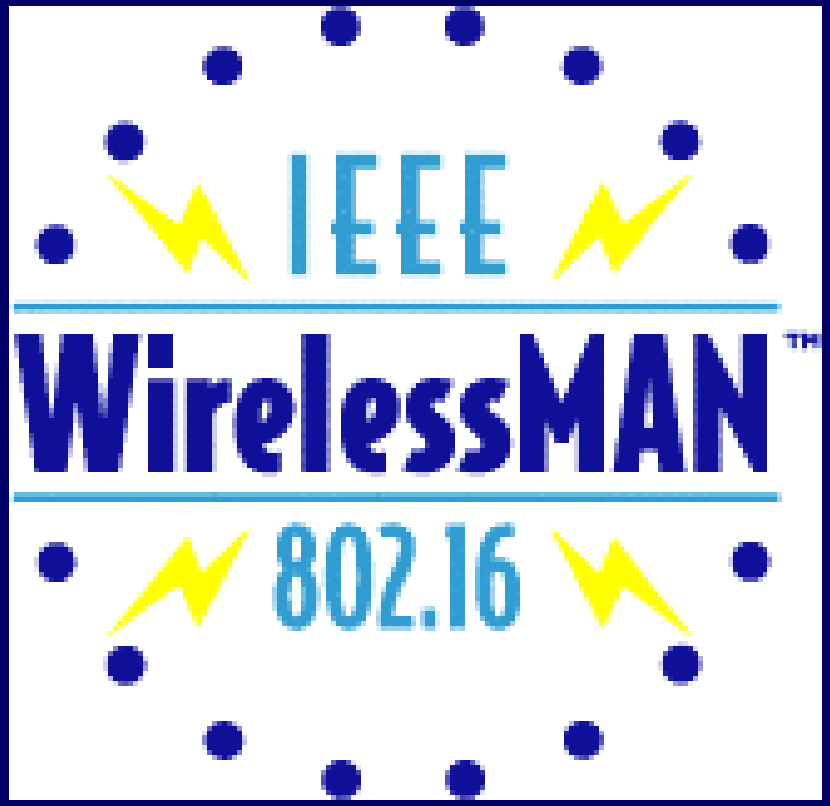
IEEE 802.16 Working Group on Broadband Wireless Access (BWA)



Welcome

IEEE 802.16
Working Group on
Broadband Wireless Access

802.16 Session #27

Opening Plenary

8 September 2003

Denver Marriott City Center

Denver, CO, USA

802.16 Officers

- Chair: Roger Marks
- Vice Chair: Ken Stanwood
- Secretary: Jon Labs
  - (acting for Dean Chang)

Logistics and Registration

- **Registration**
  - **Registration fee form to Bob Nelson**

- **Social on Tuesday evening:**
  - 7-9 pm
  - Wynkoop Brewing Company
  - Wynkoop Street and 17th
    - Take the free Mall Shuttle

Document Access

- On-site server:
  - http://10.0.1.16
  - Private: attendee/Denver
  - upload server on LAN
    - not accessible from Internet
- Internet
  - http://WirelessMAN.org
- 802 Study Group on Handoff
  - 10.0.1.21

Membership

- 57 Members
- Working Group and Task Groups
  - Formal votes are by Members only
    - Member badge = Voting Token

Attendance Books

- Two books
  - TGe, TGd
  - Names pre-printed
  - Pre-registrants only
- 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 #25 (IEEE 802.16-03/35)

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 organizations' vote as one (with the approval of the Executive Committee).

Rules: Copyrights

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

"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.

Approved by IEEE-SA Standards Board – December 2002

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

Approved by IEEE-SA Standards Board – December 2002

IEEE-SA Standards Issues

18 August 2003: IEEE Published:

- **IEEE Standard 802.16/Conformance01**
- IEEE Standard for Conformance to IEEE 802.16 - Part 1: Protocol Implementation Conformance Statements for 10-66 GHz WirelessMAN-SC Air Interface

IEEE 802.16 PARs at NesCom

- P802.16.2a: Amendent => Revision
- P802.16d => P802.16 Revision

P802.16.2a

- **P802.16.2a/D5**
  - Not approved by IEEE-SA Standards Board
  - Concern that it should have been a Revision of 802.16.2, not an amendment to 802.16.2
- **P802.16.2a/D6**
  - Formatted as Revision
  - Sponsor Ballot closes tomorrow
  - As of now, no negatives and no comments
  - At least 1 comment to be submitted

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

P802.16/Conf02
Sponsor Ballot
complete

P802.16/Conf03
WG LB #12

P802.16/Conf04
PAR: future

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

P802.16d (Profiles)
- PAR: Dec 2002
- WG Ballot open: April 2003
- Changing to Revision

P802.16e
- Mobile Extension
- PAR: Dec 2002
- WG Ballot: Novem 2003?

Conformance

Coexistence

802.16.2a
- 2-11 GHz
- RevCom: June 2003
- Not approved by IEEE-SA SB
- Changed to Revision
- Sponsor Ballot through 9 Sept 2003

Review of Schedule for the Week

/meetings/mtg27/agenda.html

Task Group 2 (TG2)

Phil Whitehead, Chair

- **Coexistence (Revision of 802.16.2)**

Task Group C (TGC)

Ken Stanwood: Chair

- **P802.16/Conformance02 (10-66 GHz TSS&TP):**
  - Completed first round of Sponsor Ballot last week
    - no Disapproves
    - Comments to resolve this week
- **P802.16/Conformance03 (Radio Conformance Tests):**
  - WG Letter Ballot #12 closed last week
    - one Disapprove
    - Comments to resolve this week
- Meeting on Wednesday and Thursday

Task Group e (TGe)

- **Brian Kiernan: Chair**

- **IEEE 802.16e (Mobility):**
  - **PAR approved 11 Dec**
  - **Three Task Group Reviews cycles**
    - **Call for Comments**
  - **Comment resolutions this week**

Task Group d (TGd)

- Gordon Antonello: Chair, Task Group d

- P802.16d (2-11 GHz System Profiles):
  - Amendment to base standard (802.16/a/c)
  - PAR approved 11 Dec
  - Completed initial WG Letter Ballot and recirc
  - Comment resolution this week
- 802.16 WG submitted PAR to convert project to a Revision
    - Awating IEEE-SA approval this Thursday

Charge to Task Groups

- Actions
  - Focus on output
  - Be prepared for Session #27
- Reporting
  - Keep minutes! Submit minutes this week!
  - Approve prior minutes
  - Include meeting times in closing report
- Closing Plenary Motions
  - To server in advance
- Session #27 Report: Prepare input

Projector Handling

- Chair is responsible for LCD projector
- Take it home at the end of the day

Future Sessions

- See agenda

New Business

-

Closing

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