

2003-07-21

IEEE 802.16

IEEE 802.16-03/32

Working Group on Broadband Wireless Access (BWA)



Welcome
IEEE 802.16
Working Group on
Broadband Wireless Access

802.16 Session #26

Opening Plenary

21 July 2003

Hyatt Regency San Francisco
San Francisco, CA, USA

802.16 Officers

- **Chair: Roger Marks**
- **Vice Chair: Carl Eklund**
 - **Resigned, as of end of this session**
- **Secretary: Dean Chang**

Logistics and Registration

- **On-site social on Wednesday evening:**
 - Atrium
- 802 CD-ROMs
 - November 2002 edition
 - Usually distributed on Wednesday afternoons

Document Access

- **On-site server:**
 - **<http://mercury> [10.0.1.16]**
 - **upload server on LAN**
 - **not accessible from Internet**
- **Internet**
 - **<http://WirelessMAN.org>**
- **Other WG servers**

Membership

- 58 Members before this Session
- 25 Potential Members
- Working Group and Task Groups
 - Formal votes are by Members only
 - Member sticker on badge = Voting Token

Attendance Books

- **Three books**
 - TGe, TGd, and TGC
 - Names pre-printed
 - Registrants at last three sessions
- **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 802.16-03/25)

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.

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 Standards Issues

1 April 2003:

- Published, as an IEEE Standard, IEEE Std 802.16a-2003 ("Air Interface for Fixed Broadband Wireless Access Systems - Medium Access Control Modifications and Additional Physical Layer Specifications for 2-11 GHz")
- Award plaques:
 - Working Group Chair
 - Brian Kiernan, Task Group Chair
 - Nico van Waes, Technical Editor
 - Dean Chang, WG/TG Secretary
 - Walt Roehr

Walt Roehr (1939-2002)



802.16/Conformance

- Renumbered PARs 1802.16.X as 802.16/Conformance0X [X=1,2,3]
- IEEE Std 802.16/Conformance01 (PICS, 10-66 GHz) approved on 12 June; publication expected "soon"
 - based on RevCom submittal IEEE 802.16-03/11
- Congratulations to TGC
 - Ken Stanwood, Chair
 - Carl Eklund, Technical Editor

P802.16.2a

- **Phil Whitehead, Chair**
- **P802.16.2a/D5 submitted to RevCom**
 - Concern that it should have been a Revision of 802.16.2, not an amendment to 802.16.2
 - IEEE 802.16-03/23 "Summary of Changes"
- **RevCom approved draft in June 2003**
- **IEEE-SA Stds Board did not approve**
 - Concern that it should have been a Revision of 802.16.2, not an amendment to 802.16.2
 - compromise offered
 - PAR for Revision pre-submitted (IEEE 802.16-03/27)
 - Ballot Group formation in progress

IEEE-SA News

(somewhat) new policy: claims of conformance to drafts

Dear Working Group Chair and Sponsor Chair:

This letter is to inform you that the IEEE-SA has implemented a process to respond to companies that are claiming conformance to an IEEE draft document.

If you become aware that an organization/company is claiming conformance to a draft document of the IEEE, you should send written notification (including company name, address, and a copy of the offending claim, etc.) to:

Secretary IEEE Standards Board Standards Department 445 Hoes Lane Piscataway, NJ 08854

Upon receipt of the notification, the status of the draft will be verified and a letter will be sent to the organization/company indicating that the document to which they are claiming conformance is an unapproved draft of a proposed IEEE Standard. As such, this document has not yet been fully reviewed for completeness, functionality, or interoperability, and is subject to change at any time prior to approval as an IEEE Standard.

We encourage you to forward this information to your working groups.

For more information on this, please visit our web: <http://standards.ieee.org/faqs/copyrightFAQ.html>

If you have any questions or concerns regarding the above, please contact your staff liaison. If you are not sure who your staff liaison is, please click here: <http://standards.ieee.org/people/liaisons.html>

Best regards,

Judith Gorman Secretary, IEEE-SA Standards Board

IEEE 802 SEC Ballots

- Many

IEEE 802.16/802.20 Names

- 802.16: "Broadband Wireless Access"
- 802.20: "Mobile Broadband Wireless Access"
- Plans in March for WGs to discuss rationalization of names
 - Did not happen

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)**

Appr: June 2003

P802.16/Conf02
Passed WG LB;
to SB this week

P802.16/Conf03
Draft this week

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:
July 2003?

Conformance

Coexistence

802.16.2a

- 2-11 GHz
- RevCom:
June 2003
- Not approved by
IEEE-SA SB
- Changing to
Revision

Review of Schedule for the Week

</meetings/mtg26/agenda.html>

EMS Tutorial

- Education, Mentoring, Support -
 - Installment 1
- 8:00-9:30 pm
- Grand Ballroom A
- Required for WG and Task Groups Officers
 - Including Editors

WG Chair's Concern

- **Late contributions**
- **Abuse of deadlines**
 - **Often repeated**
- **Limits the review of contributions**
- **Ideas on how to address?**

Task Group 2 (TG2)

Phil Whitehead, Chair

- **Coexistence (Revision of 802.16.2)**

Task Group C (TGC)

Ken Stanwood: Chair

- **Projects renumbered by NesCom**
 - Ended "1802.16.X" format
- **P802.16/Conformance01 (10-66 GHz PICS):**
 - Approved by IEEE-SA Stds Board: 12 June 2003
- **P802.16/Conformance02 (10-66 GHz TSS&TP):**
 - Completed WG Letter Ballot
 - Including two recirculations (no Disapproves)
 - request SEC this Friday to open Sponsor Ballot
- **P802.16/Conformance03 (Radio Conformance Tests):**
 - PAR approved in March 2003
 - expect to open WG Letter Ballot on draft this week

Task Group e (TGe)

- **Brian Kiernan: Chair**
- **Shawn Taylor, Vice Chair**
- **IEEE 802.16e (Mobility):**
 - **PAR approved 11 Dec**
 - **Two Task Group Reviews cycles**
 - **Call for Comments**
 - **Comment resolutions this week**
 - **May agree this week to open WG Letter Ballot**

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**
 - **Awaiting SEC approval this Friday**

Charge to Task Groups

- Attend EMS Tutorial (Monday 8-9:30 pm)
- 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 #26 Report: Prepare input

Projector Handling

- LCD projectors for this meeting are managed by Presentation Services. Please do not remove the LCD from your meeting room. When you break for lunch/supper, please call the onsite IEEE office at extension 6574 to make arrangements to have your room locked. If you are meeting in the evening, please call the operator to have presentation services pick up the LCD and have security lock your meeting room.

Future Sessions

- See agenda

New Business



Closing

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