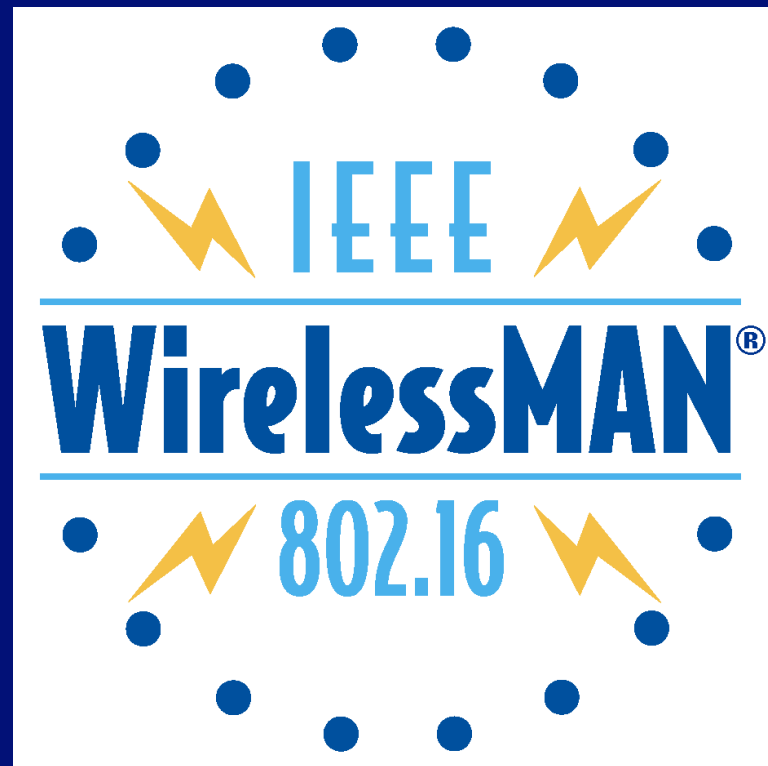


# IEEE 802.16 Working Group on Broadband Wireless Access (BWA)



**Welcome**

**IEEE 802.16**

**Working Group on  
Broadband Wireless Access**

**802.16 Session #63.5**

**Opening Plenary**

**21 September 2009**

**Waikoloa, Hawaii, USA**

# 802.16 WG Officers

- Chair: Roger Marks
- Vice Chair: Jose Puthenkulam
- Secretary: Herbert Ruck
- Treasurer: Scott Migaldi

# Outline

## Administrative Announcements

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

- Disclosure of Affiliation
- Ethics policy
- Patents
- Copyrights

Working Group operation

IEEE 802 News

# Disclosure of Affiliation

- See:
  - <http://standards.ieee.org/faqs/affiliationFAQ.html>
- Important note:
  - Attendance software requires an “Affiliation” field
  - This is the appropriate Affiliation field per IEEE-SA disclosure requirements and will be reported as such.

# Ethics policy

See:

- [http://iee.org/web/membership/ethics/code\\_ethics.htm](http://iee.org/web/membership/ethics/code_ethics.htm)

# Patent Policy and Procedures

**IEEE-SA Policy materials:**

<http://standards.ieee.org/board/pat/pat-material.html>

# Patent Policy Slides

Slide set for presentation:

<http://standards.ieee.org/board/pat/pat-slideset.ppt>



# 802.16 LoAs

## IEEE 802.16-Specific Letters of Assurance in IEEE-SA Patent Database

[http://standards.ieee.org/db/patents/pat802\\_16.html](http://standards.ieee.org/db/patents/pat802_16.html)

# Patent Policy: Reiteration Plan

The Working Group Chair or his or her designee shall issue the call at every Working Group meeting.

If a group is “meeting” for consecutive days and the attendance is substantially the same for each day of the gathering, the policy only needs to be read once. If the chair plans not to read or display the policy each day, then the chair must either (a) ensure that the policy or a URL for it has been sent out to all attendees prior to the meeting (and is available in the registration packet for any on-site registrants), or (b) announce each day that the meeting is subject to the patent policy as read or displayed on the first day.

Note, though, that this rule applies separately to each “group” that is “meeting” during the week. For example, if a working group holds a meeting during the same week as its task group, task force, and/or study group, the chair of each of those groups must read or display the policy at the beginning of that group’s first day of “meeting.”

# Rules: Copyrights

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

# IEEE 802 Policies and Procedures

<http://ieee802.org/devdocs.shtml>

[see also attached slides]

Two main IEEE 802 Governance docs:

1. Policies and Procedures (P&P)

2. Operations Manual (OM)

3. [future: IEEE 802-level P&P for WGs]

- Significant changes have been over the last year or two; for example:
- “No quorum is required for any WG meeting publicly announced at least 45 days in advance.”

# IEEE 802 OM: WG Operation

## 3.2.3 Operation of the Working Group

- The operation of the WG has to be balanced between democratic procedures that reflect the desires of the WG members and the WG Chair's responsibility to produce a standard, recommended practice, or guide in a reasonable amount of time.

# IEEE 802 OM: Chair's Role

## 3.2.2.1 Chair's responsibilities

- To decide which matters are procedural and which matters are technical
- To decide procedural matters or defer them to a majority vote by the WG
- *Note: 802.16 Chair delegates the power to make procedural decisions to the presiding Task Group Chair*

# IEEE 802 OM: WG Domination

- The Working Group Chair has the responsibility to “To determine if the WG is dominated by an organization and, if so, treat that organizations’ vote as one (with the approval of the Sponsor).”

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*Please bring any concern to the immediate attention of WG Chair!*

# Contribution Procedures

<http://WirelessMAN.org/submit.html>

Submittals that violate the procedures will not be accepted!



# IEEE-SA Issues

- IEEE 802.16 Standards Due for Maintenance in 2009
  - IEEE Std 802.16.2-2004
    - “Local and Metropolitan Area Networks - Recommended Practice for Coexistence of Fixed Broadband Wireless Access Systems”
  - IEEE Std 802.16/Conformance03-2004
    - IEEE Standard for Conformance to IEEE Standard 802.16 - Part 3: Radio Conformance Tests (RCT) for 10-66 GHz WirelessMAN-SC Air Interface

# Other IEEE 802 EC Issues

- Smart Grid activities and Monday Evening Tutorial
- Emergency Services EC Study Group ("ES-ECSG")
- 802.19 TV White Space Coexistence Study Group

# 802.16 WG Function

Develops standards and recommended practices to support the development and deployment of

Broadband

Wireless Metropolitan Area Networks  
(WirelessMAN®)

# 802.16 Membership

- 437 Members
- 49 Potential Members
  - eligible to become member at Session #64
  - [list could grow after Session #63.5]
- 84 Members in Peril
  - could lost membership after Session #64
  - [list could shrink after Session #63.5]
-

# Activities

- Standards projects in development
  - P802.16m
  - P802.16h
- Other standing activities
  - Maintenance Task Group
  - ITU-R Liaison Group
- Ad Hoc Committee on Network Robustness and Reliability (NRR)

# Task Group m

- Brian Kiernan, Chair
- P802.16m PAR
- System Description Document
  - Continuing refinement
- P802.16m/D1
- Working Group Letter Ballot #30
  - could be recirculated
  - could be terminated; replaced by LB #31

# Licensed-Exempt Task Group

- Mariana Goldhamer, Chair
- P802.16h: *Improved Coexistence Mechanisms for License-Exempt Operation*
- In Sponsor Ballot recirc
  - comment resolution in progress
- Note: PAR expires at end of 2009
- Key goal: *Conditional Approval from IEEE 802 EC to forward draft to RevCom*

# Maintenance Task Group

- Jon Labs, Chair
- No active PARs
- Continuing to meet and conduct WG maintenance activities
- Intends to forward maintenance changes into P802.16m draft



# ITU-R Liaison Group

- Chair: Reza Arefi
- Completed draft IMT-Advanced technology proposal at Session #63
  - Need to finalize proposal at Session #63.5
  - 802.18 TAG authorized to approve proposal on behalf of IEEE 802
  - Joint 802.16/802.18 Plenary: Thurs 2:30 PM
- Joint meetings (802.16 ITU-R Liaison Group and 802.18 TAG) during week

# Resources

- **local server:**
  - **<http://lan.WirelessMAN.org>**
- **permanently:**
  - **<http://WirelessMAN.org>**