

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



**Welcome**  
**IEEE 802.16**  
**Working Group on**  
**Broadband Wireless Access**

**802.16 Session #54**  
**Opening Plenary**

**17 March 2008**  
**Orlando, FL, USA**

# Chair's Administrative and Procedural Announcements

See <http://iee802.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>

# IEEE-SA Std Board Bylaws

- In order for IEEE's patent policy to function efficiently, individuals participating in the standards development process: (a) shall inform the IEEE (or cause the IEEE to be informed) of the holder of any potential Essential Patent Claims of which they are personally aware and that are not already the subject of an existing Letter of Assurance, owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents; and (b) should inform the IEEE (or cause the IEEE to be informed) of any other holders of such potential Essential Patent Claims that are not already the subject of an existing Letter of Assurance.

# 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 Slides

Slide set required for presentation:

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

# 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.html>

# IEEE 802 P&P: WG Operation

## 7.2.4 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 guide in a reasonable amount of time.

# IEEE 802 P&P: Chair's Role

## 7.2.4.1 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 responsibility 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).”

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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 802: Project Progression

- Possible PARs
  - <http://ieee802.org/16/meetings/mtg54/lmsc/pars.html>
- Possible Drafts to Sponsor Ballot on Friday
- Possible Drafts to RevCom on Friday
- Study Groups
  - 802.11: will request VHT and VTS extensions
  - 802.15: will request RFID extension; going slowly
  - 802.21: will request extension of two SGs
    - need to complete base standard first

# Draft PARs to NesCom

- 802.1 Q revision
- 802.1 Qav modification to the PAR
- P802.1Qbb - PAR for an amendment to existing Standard 802.1Q-2005 - IEEE Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area Networks
- P802.1 aj Extension request
- P802.1 BA AVB Systems
- P802.11aa - PAR for an amendment to existing Standard 802.11-2007 –Video Transport Streams
- Extension requests: P802.11p, 11s, 11v, 11.2 (aka 11t), 11u,
- 802.15.5 PAR extension
- 802.20.2 Standard for Conformance to IEEE 802.20 Systems – Protocol Implementation Conformance Statement(PICS)Pro-forma
- 802.20.3 Standard for Minimum Performance Characteristics of 802.20 Terminals and Base Stations
- 802.22 Extension Request

# PARs due to time out DEC08

- 802.1AC Standard for Media Access Control (MAC) Service Definition
- 802.1af Port-Based Network Access Control - Amendment 1: Authenticated Key Agreement for Media Access Control (MAC) Security
- 802.1ah Virtual Bridged Local Area Networks - Amendment 6: Provider Backbone Bridges
- 802.1aj Virtual Bridged Local Area Networks - Amendment 08: Two-port Media Access Control (MAC) Relay
- 802.3ar Amendment: Enhancements for congestion management
- 802.11v Wireless Network Management Amendment
- 802.11u Interworking with External Networks Amendment
- 802.11k Radio Resource Measurement of Wireless LANs Amendment
- 802.11p Wireless Access in Vehicular Environments
- 802.11r Fast BSS-Transition
- 802.11s ESS Mesh Networking
- 802.11.2 Recommended Practice for the Evaluation of 802.11 Wireless Performance
- 802.15.5 Recommended Practice for mesh topology capability in Wireless Personal Area Networks (WPANs)
- 802.16h Improved Coexistence Mechanisms for License-Exempt Operation Amendment
- 802.20 Broadband Wireless Access Systems Supporting Vehicular Mobility - Physical and Media Access Control Layer Specification
- 802.21 Standard for Media Independent Handover Services
- 802.22 Wireless Regional Area Networks (WRAN) - Specific requirements - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for operation in the TV Bands

If these projects will not be submitted to RevCom in time for the December 2008 meeting, you need to take one of the following steps:

1. Request an extension for the project (PAR). Please note that this extension request can be from one to four years, although further justification may be requested for an extension request which exceeds two years.
2. Request withdrawal of the project (PAR).

# Draft Standards to Sponsor Ballot

- Check with EC members
- 802.1: .1ak corr,
- 802.3: none
- 802.11: .11w
- 802.15: none
- 802.16: .16h, 16j - conditional
- 802.21: none

# Draft Standards to RevCom

- Check with EC members
- 802.1: .1ah - conditional
- 802.3: .1ax, .3 revision-conditional
- 802.11: .11r, .11y - conditional
- 802.15: 15.3 reaffirmation - conditional
- 802.16: none
- 802.21: none
- 802.22: none

# IEEE-SA/802 Task Force

- Wednesday 1-3pm
- Tentative Agenda
  - GetIEEE 802
  - WPAN copyright
  - ITU-T Workshop
  - Patent Pools
  - Conformance Testing
  - Trademarks
  - Recirc Disapprove Comments
  - Better visibility of 802 Standards via SA Web interface
  - myBallot issues
  - myProject issues
  - ISO/IEC Work Item on Patent Valuation
  - Ombudsman feedback
  - 802 drafts for sale issues

# Tutorial Schedule

<b>Monday</b>	<b>Tuesday</b>
<b>1) Visible Light Communications</b> 6:30-8:00PM      sponsor: Heile	<b>3) Education, Mentoring and Support update</b> 6:30-8:00PM      sponsor: Thaler
<b>2) New Attendance Data Gathering Tool</b> 8:00-9:30PM      sponsor: Kerry	<b>4) Security Signaling during Handovers</b> 8:00-9:30PM      sponsor: Gupta

# Status of Study Groups

- WG chairs to report
  - SGs?
    - 802.1- none
    - 802.3 - none
    - 802.11 - renew video transport SG, renew very high throughput, (2<sup>nd</sup> ext)
    - 802.15 - renew RFID (1<sup>st</sup> ext request, may take 1 yr)
    - 802.16 - none
    - 802.17 - none
    - 802.18 - none
    - 802.19 - none
    - 802.20 - none
    - 802.21 - multi-radio power management conservation SG, security SG (2<sup>nd</sup> ext)
    - 802.22 - none
  - Emergency Communications—work to continue in 802.21



# IEEE 802 EC Issues

- Elections
  - EC incumbents intend to continue
    - some by election; some by nomination
  - James Gilb will be nominated as Recording Secretary
- New “IMAT” attendance software from IEEE
  - trialing again this week
- IMT-Advanced in 802.18
  - Discussion regarding technical proposals
    - Tuesday 7 pm (Caribbean 5)

# EC meetings for the week

(held in Regents Boardroom)

- Monday 3-5pm meeting planner RFQ prep (Rigsbee)
- Tuesday 9-noon reserved (Nikolich)
- Tuesday noon-1pm open
- Tuesday 1-2pm open
- Tuesday 3-5pm meeting planner RFQ prep (Rigsbee)
- Tuesday 7:30-8:30 PSDO review (Thompson/DeCourcelle)
- Tuesday 8:30-10pm reserved (Thompson)
  
- Wed 9-10am Attendance SW (Gilb)
- Wed 10-11am 802 budget/treasury review (Hawkins)
- Wed 11-noon getIEEE 802 budget discussion (Hawkins)
- Wed noon-1pm non-North American venue discussion (Rigsbee)
- Wed 1-3pm 802 Task Force (Nikolich)
- Wed 3-5pm meeting planner RFQ prep (Rigsbee)
  
- Thursday 10-11am open
- Thursday 11am-1pm open
- Thursday 1-2pm open
- Thursday 5-7pm open

# IEEE Standards Process Training

- Ever find the process here confusing?
  - Why do we have study groups?
  - What's a PAR?
  - How do you get your standard approved?
- Need a quick refresher on the process?
- Help is at hand:
  - Free on line training at:  
<http://iee802.org/training.htm>
- Learn or review the IEEE Standards process in 3 hours or less.