

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



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

**802.16 Session #48**  
**Opening Plenary**

**12 March 2007**  
**Orlando, Florida, USA**

# 802.16 WG Officials

- **Chair: Roger Marks**
- **Vice Chair: Jose Puthenkulam**
- **Secretary: Peiying Zhu**

# Chair's Announcements

# 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).

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

# Rules: Copyrights

<http://iee802.org/16/ipr/copyrights>



# Contribution Procedures

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

Submittals that violate the procedures will not be accepted!

# Instructions for the WG Chair

- **At Each Meeting, the Working Group Chair shall:**
- **Show slides #1 and #2 of this presentation**
- **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 essential patents and patent applications provided the IEEE receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard [essential patents]. This assurance shall be provided without coercion. The patent holder or applicant should provide this assurance as soon as reasonably feasible in the standards development process. This assurance shall be provided no later than the approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be 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 either mandatory or optional portions of the proposed IEEE standard against any person or entity complying with the standard; or

b) A statement that a license for such implementation 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 is irrevocable once submitted and accepted and shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal.

# Inappropriate Topics for IEEE WG Meetings

- Don't discuss the validity/essentiality of patents/patent claims
- Don't discuss the cost of specific patent use
- 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-SA Standards Board Patent Committee Administrator at [patcom@ieee.org](mailto:patcom@ieee.org) or visit <http://standards.ieee.org/board/pat/index.html>**

**This slide set is available at  
<http://standards.ieee.org/board/pat/pat-slideset.ppt>**

# Chair's Status Report

# IEEE-SA Actions

- IEEE Std 802.16/Conformance04 published on 15 January; acknowledgements to:
  - Gordon Antonello (TG Chair)
  - Herbert Ruck (Technical Editor)
- P802.16k/D4 on RevCom agenda of 21 March (100% approval in Sponsor Ballot)

# IEEE-SA News

- Changes to the IEEE Standards Association Operations Manual and Standards Board Bylaws (Feb 2007)
- Changes to the IEEE-SA Standards Board Bylaws and IEEE-SA Standards Board Operations Manual (July - December 2006) including affiliation declarations
- Upcoming patent policy changes (see Tutorial #1)

# IEEE 802 EC News

- Coexistence Assurance issue: applicability of requirement to PARs authorized prior to insertion of CA language into P&P
  - EC Motion of 17 November 2006:
  - *“To ratify the decisions of the LMSC Chair as expressed in his e-mail to the EC re# ctor of January 26, 2005 concerning Coexistence Documents.”*
  - Moved: Sherman/Shellhammer
  - Fails: 5/8/3



# IEEE 802 EC News (12 March) [1]

- IEEE-SA Patent Policy changes April 30
  - Will affect meeting procedures
  - Tutorial tonight is “mandatory” for TG leaders
- Training: [iee802.org/training](http://iee802.org/training)
- IEEE-SA is developing business plans to operate conformity assessment
- WG Chairs should attend IMT-Advanced meeting in 802.18 (Tues 8-10 pm)

# IEEE 802 EC News (12 March) [2]

- Possible Study Groups inc:
  - 802.11 video; 802.11 multimedia
- Issues regarding liaison with IEEE P1900
  - <http://ieeep1900.org>
- March 2008 Plenary is open
  - Hyatt Regency New Orleans not ready
  - May consider return to Caribe Royale

# IEEE 802 P&P Issues

- Discussing possible changes in accordance with new IEEE-SA requirements

# IEEE 802.16 WG Issues

- Thanks to Jose Puthenkulam for serving as Acting Chair at Session #47
- No meeting or recent activity of Project Planning Committee
  - Open to volunteers willing to reactivate it
- Commentary 2: v.2.17 (minor update)

# IEEE 802.16 WG Issues

Key issues addressed later on agenda:

- Professional consolidation of IEEE Std 802.16-2004, 802.16e-2005, 802.16f-2005 underway
  - to be complete by end of March
- ITU-R WP 8F
  - IP-OFDMA Evaluation Group Coordination Meeting on Tuesday and Wednesday
- IEEE 802.11
  - Joint meeting Tuesday with 802.16 LE TG, 802.11 TGy, and 802.19

# Operator ID Registration Authority

- Negotiations continue with Registration Authority staff at IEEE
- IEEE staff and Registration Authority Committee have been urged to establish the the 802.16 OpID Registration Authority as soon as possible
- IEEE has recognized the urgency but has not committed to a specific deadline

# IEEE 802.16 Status Report

- For update, review Session #47 Report
  - Note item on “ITU-R Liaison Activities”
- See Session #48 Document Guide for overview of current session

# IEEE 802 PARs Under Consideration

- submitted to LMSC EC
- WG comments due by 5 pm Tuesday
- PAR changes allowed until 5 pm Wed
- Call for any comments to be raised
- 802.16 Revision PAR on NesCom agenda of 21 March but requires 802 EC approval on 16 March
  - discussion under Maintenance TG



# IEEE 802 Tutorials

- Tutorial #1: Monday, 6:30 – 8 pm
  - *What you need to know about the new IEEE patent policy*
- Tutorial #2: Monday, 8 – 9:30 pm
  - *Video over 802.11*
- Tutorial #3: Monday, 6:30 – 8 pm
  - *Emergency Services for IEEE 802*