

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



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

**802.16 Session #47**  
**Opening Plenary**

**15 January 2007**  
**London, England, UK**

# 802.16 WG Officials

- **Chair: Roger Marks (absent)**
- **Vice Chair: Jose Puthenkulam**
  - **Acting Chair for Session #47**
- **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 News

- IEEE-SA Standards Board: 6 Dec 2006
  - P802.16m PAR Approved
    - Following approval of IEEE 802 EC in email ballot
  - P802.20 PAR extended for two years
    - conditionally
- IEEE Std 802.16/Conformance04-2006
  - published in Dec 2006

# IEEE-SA Publication News

IEEE Std 802.16/Conformance04-2006  
published in Dec 2006

# IEEE 802.16 Status Report

- For update, review Session #46 Report
- Later details follow below



# New Task Group m (TGm)

- Task Group m (TGm) created to develop P802.16m
  - to develop a draft amendment to the IEEE 802.16 WirelessMAN-OFDMA specification so as to provide an advanced air interface meeting the cellular layer requirements of IMT-Advanced next generation mobile networks, with continuing support for legacy WirelessMAN-OFDMA equipment.
- WG Chair called for volunteers
- Brian Kiernan named Acting Chair
- WG Chair intends to ask Brian Kiernan to continue as TG Chair
- Officers to be named after Session #47

# P802.16k to RevCom

- Project 802.16k completed Sponsor Ballot
  - 26 December
  - 100% approval
  - No new comments
- Submitted to RevCom
  - 11 January
  - IEEE 802.16-07/001
- IEEE-SA Approval expected on 22 March