

# **IEEE 802.16**

## **Working Group on**

# **Broadband Wireless Access**

**Roger Marks, Chair**



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

**802 LMSC Opening Plenary**

**13 November 2006**

**Dallas, TX, USA**

# 802.16 Function

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

Broadband

Wireless Metropolitan Area Networks  
(WirelessMAN®)

# 802.16 Membership

- 227 Members [prior to session]
- 103 Potential Members [eligible to become members at this session]
- Session #46 this week (as of 7 Nov):
  - 405 preregistered
    - 241 Primary, 164 Secondary

# 802.16 Interim Sessions

- #41: January 2006
  - New Delhi, India
- #43: May 2006
  - Tel Aviv, Israel
- #45: September 2006
  - Mont Tremblant, Quebec, Canada
- #47: January 2006
  - London, UK

# IEEE-SA SB Approvals

- IEEE Std 802.16/Conformance 04
  - Standard approved 15 September 2006
- PAR 802.16-2004/Corrigendum2
  - PAR approved 15 September 2006

# Active Projects

- P802.16g
- P802.16h
- P802.16i
- P802.16j
- P802.16k
- P802.16-2006/Corrigendum2

# NetMan Task Group

- Phil Barber, Chair
- P802.16g: *Management Plane Procedures and Services*
  - WG Letter Ballot #20, plus four recircs
  - 86% approval ratio
- P802.16i: *Mobile Management Information Base*
  - Pre-draft baseline document in review
- P802.16k: *Bridging of 802.16*
  - Amendment to 802.1D
  - Sponsor Ballot Recirc complete



# Licensed-Exempt Task Group

- Mariana Goldhamer, Chair
- P802.16h: *Improved Coexistence Mechanisms for License-Exempt Operation*
- Working Group Letter Ballot #24
  - Comments to resolve
- Joint meeting with 802.11 TGy Thursday

# Relay Task Group

- Mitsuo Nohara, Chair
- P802.16j PAR approved 30 March 2006
- Issued Call for Technical Contributions
- Dozens of contributions to review

# Maintenance Task Group

- Jon Labs, Chair
- Standing maintenance process
  - Modeled after 802.3 process
- Balloted change requests for Corrigendum2
- Comments to resolve this week

# ITU Liaison Group

- José Costa, Chair
- Developing input for ITU-R WP 8F
  - To propose adding IEEE 802.16 as an additional IMT-2000 radio interface
- Meeting this week to refine documents.
- Will review with 802.18.

# P802.16m PAR Proposal

- advanced air interface to meet the requirements of next generation mobile networks
- intended for incorporation into the IMT-Advanced standardization activity being conducted by ITU-R
- Tutorial: *IEEE 802.16 and IMT-Advanced*  
– Monday, 8 pm

# 802.16 WG Officers

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

# Resources

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