

# **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**

**12 March 2007**

**Orlando, FL, 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

- 212 Members [prior to session]
- 134 Potential Members [eligible to become members at this session]
- Session #47 this week (as of 9 March):
  - 319 preregistered (Primary)
  - Secondary preregistration unknown

# 802.16 Interim Sessions

- #43: May 2006
  - Tel Aviv, Israel
- #45: September 2006
  - Mont Tremblant, PQ, Canada
- #47: January 2006
  - London, UK
- #49: May 2006
  - Portland, OR, USA
- #51: September 2007
  - Malaga, Spain
- #53: January 2008
  - to be selected this week

# IEEE-SA SB Progress

- IEEE Std 802.16/Conformance 04
  - Standard published 15 January 2007
- PAR 802.16m
  - PAR approved 6 December 2007

# Active Projects

- P802.16g
- P802.16h
- P802.16i
- P802.16j
- P802.16k (March RevCom agenda)
- P802.16m
- P802.16-2006/Corrigendum2

# NetMan Task Group

- Phil Barber, Chair
- P802.16g: *Management Plane Procedures and Services*
  - Completed second Sponsor Ballot recirc
  - ~97% approval ratio
  - Expect to request conditional approval for RevCom submittal
- P802.16i: *Mobile Management Information Base*
  - Completed WG Letter Ballot #25



# Licensed-Exempt Task Group

- Mariana Goldhamer, Chair
- P802.16h: *Improved Coexistence Mechanisms for License-Exempt Operation*
- Working Group Letter Ballot Recirc #24a
  - Comments to resolve
- Joint meeting with 802.11 TGy & 802.19 Tuesday

# Relay Task Group

- Mitsuo Nohara, Chair
- P802.16j PAR approved 30 March 2006
- Issued Call for Technical Contributions
- ~200 contributions to review

# Maintenance Task Group

- Jon Labs, Chair
- Corrigendum2: Working Group Letter Ballot Recirc #23a
  - Comments to resolve this week

# ITU Liaison Group

- José Costa, Chair
- Hosting “IP-OFDMA Evaluation Group Coordination Meeting” on Tuesday and Wednesday, including participants of ITU-R WP 8F evaluating IEEE 802.16 as an additional IMT-2000 radio interface
- Drafting response to ITU-R WP 8F liaison.
- Participating in discussions regarding IMT-Advanced requirements.

# P802.16 Revision PAR Proposal

- Driven by IEEE-SA three-year rule
  - 802.16-2004 approved on 1 Oct 2004
- PAR for LMSC review this week
- Maintenance Task Group will resolve PAR comments

# 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>**