

**IEEE 802.16**  
**Working Group on**  
**Broadband Wireless Access**  
**Roger Marks, Chair**



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

**Status Report**  
**8 November 2010**  
**Dallas, TX, USA**

# 802.16 WG Function

Develops standards and recommended practices to support the development and deployment of Broadband Wireless Metropolitan Area Networks (WirelessMAN®)

# 802.16 Membership

- 265 Members [prior to session]
- 33 Potential Members [eligible to become members at this session]
- Session #70 this week

# 802.16 Interim Sessions

- #53: January 2008
  - Levi, Finland
- #55: May 2008
  - Macao, China
- #57: September 2008
  - Kobe, Japan
- #59: January 2009
  - San Diego, USA
- #61: May 2009
  - Cairo, Egypt
- #63: August/September 2009
  - Jeju, Korea
- #63.5: September 2009
  - Waikoloa, USA
- #65: January 2010
  - San Diego, USA
- #67: May 2010
  - Bangalore, India
- #68.5: August 2010
  - Calgary, AB, Canada
- #69: Sept 2010
  - St Petersburg, Russia
- #71: Jan 2011
  - Taipei
- #73: May 2011
  - Lake Louise, AB, Canada
- #75: September 2011
  - to be selected at #70

# Recent Interim Session

- Session #68.5: August 2010
  - Calgary, AB, Canada
  - Session #68.5 Report
    - <http://ieee802.org/16/meetings/mtg685/report.html>
- #69: Sept 2010
  - St Petersburg, Russia
  - Session #69 Report
    - <http://ieee802.org/16/meetings/mtg69/report.html>

# Completed Projects – 2010

- IEEE Std 802.16h-2010
  - *Improved Coexistence Mechanisms for License-Exempt Operation*
  - Approved 2010-06-17
  - Published 2010-07-30
- IEEE Std 802.16.2-2004
  - Reaffirmed 25 March 2010

# Active Projects

- P802.16m
  - Advanced Air Interface
  - Approved 2010-12-06 (extension request this week)
- P802.16n:
  - Amendment: Higher Reliability Networks
  - Approved 2010-06-17
- P802.16p
  - Machine-to-Machine Applications
  - Approved 2010-09-30

# P802.16m Status

- Brian Kiernan, Chair, Task Group m
- P802.16m Draft: P802.16m/D9
  - Completed Third Sponsor Ballot Recirc
- 89% approval
- Comments to resolve
- Expecting to request conditional approval to forward to RevCom

# P802.16n Status

- Tim Godfrey, Chair, GRIDMAN Task Group
- Developing System Requirements Document (SRD)
  - Focus: performance-related requirements
- Developing System Architecture Reference Model (SARM)

# P802.16p Status

- First meeting (following PAR approval of 2010-09-30)
- Developing Machine to Machine (M2M) System Requirements Document (SRD)

# Maintenance Task Group

- Jon Labs, Chair
- No active PARs
- Continuing to meet and conduct ongoing WG maintenance activities

# ITU-R Liaison Group

- Acting Chair: Takashi Shono
- Drafting several contributions
  - mainly related to ITU-R Working Party 5D
- IMT-Advanced technology proposal
  - IEEE's "WirelessMAN-Advanced" (based on 802.16m) was approved as an IMT-Advanced technology (2010-10-20)
  - Final submission due in March 2011
  - Followup contributions and liaison statements are in development

# Project Planning Committee

- Chair: Jose Puthenkulam
- Considering planning activities and new project proposals

# 802.16 WG Officers

- Chair: Roger Marks
- Vice Chair: Jose Puthenkulam
- Secretary: Scott Probasco
- Treasurer: Scott Migaldi
  
- Note: 802.16 Vice Chair has resigned, effective at close of Plenary Session
- Elections to be held this week.

# Resources

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