

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



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

**Status Report**

**12 November 2012**

**San Antonio, TX, USA**

# 802.16 WG Function

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

# 802.16 Membership

- 46 Members prior to session
- 7 Potential Members eligible to be members at this Session

# 802.16 Interim Sessions

- #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
  - Bangkok, Thailand
- #77: January 2012
  - Jacksonville, FL, USA
- #79: May 2012
  - Atlanta, GA, USA
- #81: Sep 2012
  - Indian Wells, CA, USA
- Continue co-locating with IEEE 802 Wireless Interim in the future.

# Previous Session

- Session #81
  - Indian Wells, CA, USA
  - Session #81 Report
    - <http://iee802.org/16/meetings/mtg81/report.html>

# 802.16 WG Officer Update

- Chair: Roger Marks
- Vice Chair: (vacant)
- Secretary: Harry Bims
- Treasurer: Tim Godfrey
  
- Vice Chair election scheduled for 12 November

# Recent Standard Publication

- IEEE Std 802.16-2012
  - Published 2012-08-17
  - For sale (\$5)
  - Distributed to WG contributors
- IEEE Std 802.16.1-2012
  - Published: 2012-09-07
  - For sale (\$5)
  - Distributed to WG contributors



# Very Recent Standard Approval

- IEEE Std 802.16p-2012
  - Approved: 2012-08-30
  - Publication: 8 October
  - For sale (\$5)
  - Distributed to WG contributors
- IEEE Std 802.16.1b-2012
  - Approved: 2012-08-30
  - Publication: 10 October
  - For sale (\$5)
  - Distributed to WG contributors

# Recent PAR Approval

- IEEE Project P802.16q
  - Authorized: 2012-08-30
  - Multi-Tier amendment to IEEE Std 802.16
  - Temporarily assigned to HetNet Study Group
- IEEE Project P802.16.3
  - Authorized: 2012-08-30
  - Mobile Broadband Network Performance Measurements
  - Temporarily assigned to Metrology Study Group

# Ballot News

- P802.16n
  - Sponsor Ballot Recirc #1 close: 2012-11-06
  - Approval: 82/0/3 (100%)
  - No new Dis votes or comments
- P802.16.1a
  - Sponsor Ballot Recirc #1 close: 2012-11-06
  - Approval: 82/0/4 (100%)
  - No new Dis votes or comments

# Active Projects

- P802.16n
  - Amendment to IEEE Std 802.16: Higher Reliability Networks
- P802.16.1a
  - Amendment to IEEE Std 802.16.1: Higher Reliability Networks
- P802.16q
  - Amendment to IEEE Std 802.16: Multi-tier Networks
- P802.16.3
  - Mobile Broadband Network Performance Measurements

# GRIDMAN Task Group

- Chair: Tim Godfrey
- P802.16n/D6
  - Sponsor Ballot comment resolution
  - Conditional Approval request to RevCom planned
- P802.16.1a/D6
  - Sponsor Ballot comment resolution
  - Conditional Approval request to RevCom planned
- <http://WirelessMAN.org/gridman>

# HetNet Study Group

- Chair: Harry Bims
- Project P802.16q: initial development
- OmniRAN: continued discussions
  - Intention to request EC Study Group
- Small Cell Backhaul:
  - Proposed PAR P802.16r
  - For EC approval on Friday
- <http://WirelessMAN.org/sg/het>

# Metrology Study Group

- Acting Chair: Brian Kiernan
- Project P802.16.3:
  - initial development
  - Contributions propose:
    - Draft architecture document
    - liaison communications
- <http://WirelessMAN.org/sg/met>

# Project Planning Committee

- Acting Chair: Harry Bims
- Considering planning activities.
- <http://WirelessMAN.org/ppc>



# ITU-R Liaison Group

- Acting Chair: Hajime Kanzaki
- Incoming liaison statements and contributions
- Possible ITU-R drafts to develop
  - ITU-R Working Party 5A
  - ITU-R Working Party 5D
- <http://WirelessMAN.org/liaison>

# Maintenance Task Group

- Zheng Yan-Xiu, Chair
- Not meeting at Session #81 or #82
- <http://WirelessMAN.org/maint>

# Resources

- **Web site:**
  - **<http://WirelessMAN.org>**
- **Document with assignments:**
  - **<http://docii.WirelessMAN.org>**
- **Meeting schedules:**
  - **<http://calendar.WirelessMAN.org>**