

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



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

**Status Report**

**17 September 2012**

**Indian Wells, CA, 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
- 6 Potential Members eligible to be members at next 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
- Continued co-locating with IEEE 802 Wireless Interim in the future.

# Previous Session

- Session #80
  - San Diego, CA, USA
  - Session #80 Report
    - <http://iee802.org/16/meetings/mtg80/report.html>

# 802.16 WG Officer Update

- Chair: Roger Marks
  - Vice Chair: (vacant)
  - Secretary: Harry Bims
  - Treasurer: Tim Godfrey
- 
- Tim Godfrey was appointed as Treasurer and began serving on 31 August 2012

# Standard Publication News

- IEEE Std 802.16-2012
  - Published 2012-08-17
  - For sale (\$5)
  - Distributed to WG contributors: 2012-08-17
- IEEE Std 802.16.1-2012
  - Published: 2012-09-07
  - For sale (\$5)
  - Distributed to WG contributors: 2012-09-14



# Standard Approval News

- IEEE Std 802.16p-2012
  - Approved: 2012-08-30
  - WG Prepublication review close: 2012-09-21
  - Publication: mid-October
- IEEE Std 802.16.1b-2012
  - Approved: 2012-08-30
  - WG Prepublication review close: 2012-09-21
  - Publication: mid-October

# PAR Approval News

- 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 (as of 10 hours before close)
  - Sponsor Ballot: 2012-08-14
  - Return ratio: 75%
  - Approval ratio: 97% (73/2/3)
- P802.16.1a (as of 10 hours before close)
  - Sponsor Ballot: 2012-08-14
  - Return ratio: 76%
  - Approval ratio: 98% (76/1/3)

# 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/D5
  - Sponsor Ballot comment resolution
- P802.16.1a/D5
  - Sponsor Ballot comment resolution
- <http://WirelessMAN.org/gridman>

# HetNet Study Group

- Chair: Harry Bims
- Project P802.16q: initial development
- OmniRAN: continued discussions
- Small Cell Backhaul:
  - Contribution proposes PAR
- <http://WirelessMAN.org/sg/het>

# Metrology Study Group

- Acting Chair: Ron Murias
- Project P802.16.3:
  - initial development
  - Contributions propose liaison communications
- <http://WirelessMAN.org/sg/met>

# Project Planning Committee

- Acting Chair: Roger Marks
- Considering planning activities and input contributions.
- Contribution proposes Draft PAR on Proximity based Direct Communications
- <http://WirelessMAN.org/ppc>



# ITU-R Liaison Group

- Acting Chair: Roger Marks
- Incoming liaison statements and contributions
- Possible ITU-R drafts to develop
  - ITU-R Working Party 5A
  - ITU-R Working Party 5D
    - WG Treasury Executive Committee has authorized expenditure for travel for WG Chair to represent WG at WP 5D meeting (3-11 October)
- <http://WirelessMAN.org/liaison>

# Maintenance Task Group

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

# Resources

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