

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



IEEE 802.16
Working Group on
Broadband Wireless Access
(BWA)

Status Report
7 November 2011
Atlanta, GA, 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

- 155 Members [prior to session]
 - 50 in peril of losing membership following the session due to participation
- 11 Potential Members [eligible to become members at this session]
- Session #74 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
 - Bangkok, Thailand
- #77: January, 2011
 - Jacksonville, FL, USA

Recent Interim Session

- Session #75
 - Bangkok, Thailand
 - Session #75 Report
 - <http://ieee802.org/16/meetings/mtg75/report.html>

Active Projects

- P802.16n:
 - Amendment: Higher Reliability Networks
 - Approved 2010-06-17
- P802.16p
 - Machine-to-Machine Applications
 - Approved 2010-09-30
- P802.16Rev3
 - Revision of IEEE 802.16, minus WirelessMAN-Advanced
 - Approved 2011-05-17
- P802.16.1
 - New standard based on WirelessMAN-Advanced
 - Approved 2011-06-16

PARs for review this week

- Proposed Modification to P802.16n PAR
 - to amend IEEE Std 802.16
- Proposed P802.16.1a PAR
 - to amend IEEE Std 802.16.1, based on existing P802.16n
- Proposed Modification to P802.16p PAR
 - to amend IEEE Std 802.16
- Proposed P802.16.1b PAR
 - to amend IEEE Std 802.16.1, based on existing P802.16p

Maintenance Task Group

- Zheng Yan-Xiu, Chair
- P802.16Rev3 revision project
 - IEEE P802.16Rev3/D2 reviewed in Working Letter Ballot #35
 - Comment resolution this week
- P802.16.1 project, creating a new standalone standard based on IEEE Std 802.16m
 - IEEE P802.16.1/D2 is under review in Working Letter Ballot #32
 - Comment resolution this week

P802.16p

- Erik Colban, Acting Chair, M2M Task Group
 - Ron Murias resigned at Session #75
 - Erik Colban not committed to continuing beyond Session #76
 - WG Chair soliciting volunteers
- IEEE P802.16p/D1 reviewed in Working Letter Ballot #33
 - Comment resolution this week
- P802.16.1b pre-draft under review in Working Letter Ballot #34
 - WG Letter Ballot of draft awaits PAR
 - Comment resolution this week

P802.16n

- Tim Godfrey, Chair, GRIDMAN Task Group
- Prepared two pre-draft working documents, structured as amendments to P802.16Rev3 and P802.16.1
 - Called for comments on both
 - Comment resolution this week

ITU-R Liaison Group

- Chair: Takashi Shono
 - resigning following Session #76
 - WG Chair soliciting volunteers
- Drafting contributions
 - Focus on ITU-R Working Party 5A & 5D
 - IMT-Advanced inputs have been finalized
 - WirelessMAN-Advanced (per IEEE Std 802.16m) has been incorporated, with transpositions from IEEE, ARIB, TTA, and WiMAX Forum
 - Preparing IMT-2000 update contributions

Project Planning Committee

- Chair: Rakesh Taori
- Considering planning activities

802.16 WG Officers

- Chair: Roger Marks
- Vice Chair: Rakesh Taori
- Secretary: Erik Colban
- Treasurer: Scott Migaldi
 - Serving only through end of 2011
 - WG Chair soliciting volunteers

Resources

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