IEEE 802.16
Working Group on
Broadband Wireless Access

Roger Marks, Chair

IEEE 802.16
Working Group on
Broadband Wireless Access
(BWA)

Status Report

12 March 2012

Waikoloa, HI, 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

- 87 Members [prior to session]
  - 15 in peril of losing membership following the session due to participation

- 30 Potential Members [eligible to become members at this session]

- Session #78 this week

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
- Expect to be co-locating with IEEE 802 Wireless Interim in the future.

Recent Interim Session

- Session #77
  - Jacksonville, FL, USA
  - Session #77 Report
    - http://ieee802.org/16/meetings/mtg77/report.html

Active Projects

- P802.16Rev3
- Revision of IEEE 802.16, minus WirelessMAN-Advanced
  - P802.16n
    - Amendment: Higher Reliability Networks
  - P802.16p
    - Amendment: Machine-to-Machine Applications
- P802.16.1
- New standard based on WirelessMAN-Advanced
  - P802.16.1a
    - Amendment: Higher Reliability Networks
  - P802.16.1b
    - Amendment: Machine-to-Machine Applications

Maintenance Task Group

- Zheng Yan-Xiu, Chair
- P802.16Rev3 revision project
  - Sponsor Ballot Recirc #1: 98% approval
  - 22 comments to resolve
  - Prepare request for conditional approval to RevCom
- P802.16.1 project
  - Sponsor Ballot Recirc #1: 98% approval
  - 18 comments to resolve
  - Prepare request for conditional approval to RevCom

M2M Task Group

- Jaesun Cha, Acting Chair, M2M Task Group
- P802.16p project
  - Sponsor Ballot: 98% approval
  - 23 comments to resolve
  - Prepare request for conditional approval to RevCom
- P802.16.1b project
  - Sponsor Ballot closing 2012-03-11
  - At least 10 comments to resolve
  - May prepare request for conditional approval to RevCom

GRIDMAN Task Group

- Tim Godfrey, Chair, GRIDMAN Task Group
- P802.16n project
  - WG Letter Ballot #37: 98% approval
  - Failed to meet the return ratio condition
  - comments to resolve
- P802.16.1a project
  - Sponsor Ballot closing 2012-03-11
  - WG Letter Ballot #38: 98% approval
  - Failed to meet the return ratio condition
  - comments to resolve

ITU-R Liaison Group

- Acting Chair: Satoshi Imata
- WirelessMAN-Advanced air interface approved by ITU as IMT-Advanced (2011-01-18), as published in Recommendation ITU-R M.2012.
- Drafting contributions
  - Focus on ITU-R Working Party 5A & 5D
  - Preparing IMT-2000 and IMT-Advanced update contributions

Project Planning Committee

- Acting Chair: Roger Marks

- Considering planning activities and input contributions.

- Open to consideration of new standardization proposals.

802.16 WG Officers

- Chair: Roger Marks
  - Election: 2012-03-12
- Vice Chair: Rakesh Taori
  - Election: 2012-03-12
- Acting Secretary: Harry Bims
- Acting Treasurer: Roger Marks

Resources

- **local server:**
  - **http://lan.WirelessMAN.org**
- **permanently:**
  - **http://WirelessMAN.org**
- **documents:**
  - **http://doc.WirelessMAN.org**
  - **IEEE Mentor, as of 2012**