

IEEE 802.16 Working Group on Broadband Wireless Access (BWA)



IEEE 802.16
Working Group on
Broadband Wireless Access
(BWA)

LMSC Opening Plenary

12 November 2001

Hyatt Regency Austin

site of March 1999 802 Plenary
and birthplace of 802.16

802.16 Officers

- **Chair: Roger Marks**
- **Vice Chair: Brian Kiernan**
- **Secretary: Carl Bushue**
 - **Acting Secretary: Dean Chang**

802.16 Membership

- **167 Members**
- **67 Potential Members**
- **4 Members in Peril**
- **62 Observers**

IEEE 802.16 Projects

- **P802.16:**
 - MAC
 - PHY (10-66 GHz)
- **P802.16a:**
 - PHY (2-11 GHz, licensed)
 - MAC enhancements
- **P802.16b**
 - PHY (license-exempt, mainly 5-6 GHz)
 - MAC enhancements
- **P802.16.2a: Coexistence**

P802.16

- **Air Interface for Fixed Broadband Wireless Access Systems (10-66 GHz)**
- **IEEE Draft P802.16/D5: 18 October**
 - for sale in IEEE catalog
- **IEEE Sponsor Ballot closed 28 October**
 - Passed (43 Approve, 1 Disapprove)
 - Approval request to RevCom, 24 October
 - On RevCom agenda for 5 December
 - Approval by IEEE Standards Board expected on 6 December

802 Tutorial Tonight

WirelessMAN MAC: It's Done, but What is It?"

6:30-8 pm

Texas Ballroom 4-7

P802.16a/P802.16b

- Document under Working Group Review since September interim meeting
- Plan to launch Working Group Letter Ballot following this meeting
- Balloting Schedule proposes delivery to RevCom by 2 August 2002
- Issue: possible merger of two PARs
- Liaison with ETSI BRAN HIPERMAN
 - HIPERMAN selected 802.16/802.16a MAC as baseline; tentative PHY decision

P802.16.2a

- Amendment to IEEE Standard 802.16.2
 - Recommended Practice
 - Published 10 September 2001
- P802.16.2a
 - Amendment
 - Adding coexistence for 2-11 GHz (licensed)
 - Adding point-to-point extensions

Resources

- here this week:
 - <http://10.0.1.16>
- permanently:
 - <http://WirelessMAN.org>