

IEEE 802.16  
Working Group on  
Broadband Wireless Access  
(BWA)

**802 Opening Plenary**  
6 March 2000

# 802.16 Status Report

- Broadband Wireless Access Working Group
- Large and growing interest and attendance
  - November 1999: 107 sign-ins, 90 “participants”
  - January 2000: 118 sign-ins, 92 “participants”
- This meeting:
  - 802.16.1
  - 802.16.2
  - “Sub10” Study Group
  - Visitors
    - Andrea Nascimbene: ETSI BRAN HIPERACCESS
    - Tetsuya Shirouzu: Association of Radio Industries and Businesses (ARIB)

# 802.16.1

- “Air Interface for Fixed Broadband Wireless Access Systems” {10-66 GHz}
- November 1999
  - 19 PHY Proposals
  - 15 MAC Proposals
- January 2000
  - 3 PHY Proposals (2 consolidated)
  - 2 MAC Proposals (2 consolidated)
- March 2000
  - 2 PHY/MAC Proposals
- Selection set for May 2000

# 802.16.2

- “Coexistence of Broadband Wireless Access Systems”
- Intend to request Working Group Letter Ballot to begin after this meeting

# 802.16 PAR Request

- 802.16.3: “Air Interface for Fixed Broadband Wireless Access Systems Operating Below 11 GHz”
- Drafted by 802.16’s “Sub10” Study Group
  - chartered by the 802 SEC on 11 November 1999 “to investigate establishing air interface specifications for fixed point to multi-point Broadband Wireless Access systems operating in frequency bands below 10 GHz”
  - Brian Kiernan, Chair
  - Met 10-11 January 2000 during 802.16 Session #5
  - 101 people from 72 companies attended
  - approved PAR by vote of 47-0-1
  - 802.16 approved submission of PAR by a vote of 18-1

# Plans

- **Study Group Meetings:**
  - Tuesday (day time)
  - Tuesday evening (without 802.16 conflicts)
  - Wednesday
- 802.16 Plenary to consider PAR
  - Wednesday, 3:30-5:00 pm
- **Study Group Meets again:**
  - Thursday a.m. to consider Functional Requirements

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**802 Closing Plenary**

10 March 2000

# Attendance

Large Attendance:

126 sign-ins

76 members

# Existing Projects

- **802.16.1: Air Interface (10-66 GHz)**
  - Two proposals considered
  - Choice set for May Interim
- **802.16.2: Coexistence**
  - Working Group Letter Ballot postponed until July 2000

# New PAR Approved

- **802.16.3: Broadband Wireless Access Systems in Licensed Bands from 2 to 11 GHz**
- Brian Kiernan, Chair

# New Study Group Approved

- Wireless High-Speed Unlicensed Metropolitan Area Networks  
("Wireless HUMAN")
- 16 people prepared proposal
- Closely coordinated with 802.11 & .15
- Meet in Seattle with 802.11 & .15
- Durga Satapathy, Chair

# Other Business

- Elections
  - Roger Marks re-elected Chair
  - Lou Olsen re-elected Vice Chair
- ETSI BRAN HIPERACCESS negotiations took place
- IPR Procedures under discussion

# Next Interim Meeting

- May 1-5
- Gaithersburg, Maryland, USA
- ETSI BRAN HIPERACCESS will co-locate meeting, with intent to agree on Annex to ETSI/IEEE Agreement