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
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
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