

# **IEEE 802.16**

## **Working Group on**

# **Broadband Wireless Access**

**Roger Marks, Chair**

**Brian Kiernan: Chair, Task Group e**



**IEEE 802.16**  
**Working Group on**  
**Broadband Wireless Access**  
**(BWA)**

**802 Wireless Interim Meeting**

**12 May 2003**

**Hyatt Regency DFW**

# 802.16 Sessions in 2003

- #23: 13-16 January 2003
  - San Jose, CA, USA
- #24: 10-13 March 2003
  - Dallas, TX, USA
- #25: 12-15 May 2003
  - Dallas, TX, USA
- #26: 21-24 July 2003
  - San Francisco, CA, USA
- #27: 8-11 September 2003
  - Colorado, USA
- #28: 9-14 November 2003
  - Albuquerque, NM, USA

# 802.16 Membership

- **70 Members**
- **23 Official Observers**

# 802.16 Projects: 10-66 GHz

## Air Interface

IEEE Standard  
**802.16**

Publ: Apr 2002

- MAC
- 10-66 GHz PHY

## Conformance

**802.16c (Profiles)**

Publ: Jan 2003

**1802.16.1 (PICS)**

RevCom:

June 2003

**1802.16.2**

PAR: Dec 2002

Passed WG LB

**1802.16.3**

PAR: Mar 2003

**1802.16.4**

PAR: future

## Coexistence

IEEE Standard

**802.16.2**

Publ: Sep 2001

# 802.16 Projects: 2-11 GHz

## Air Interface

### 802.16a

- Amends IEEE Std 802.16
- Adds 2-11 GHz PHY

**Publ: April 2003**

### 802.16e

Mobile Extension

- PAR: Dec 2002
- WG Ballot:  
July 2003

## Conformance

### 802.16d (Profiles)

- PAR: Dec 2002
- WG Ballot:  
April 2003

## Coexistence

### 802.16.2a

- 2-11 GHz
- RevCom:  
June 2003

# Task Group 2 (TG2)

- **Phil Whitehead, Chair**
- **Coexistence (amendment to 802.16.2)**
- **Sponsor Ballot & Recirc: 13 Dec - 8 March**
  - 47 Approve, 0 Dis
- **Sent to RevCom for Early Consideration**
  - April 2003, but...
- **Moved to June 2003 RevCom agenda**
  - Concern that it should have been a Revision of 802.16.2, not an amendment to 802.16.2
  - Reformulation as Revision would delay until ~October

# Task Group C (TGC)

- **Ken Stanwood: Chair**
- **1802.16.1 (10-66 GHz PICS):**
  - Sponsor Ballot & Recirc: 27 Jan - 24 Apr
  - 45 Approve, 0 Dis
  - On RevCom agenda for June 2003
- **1802.16.2 (10-66 GHz TSS&TP):**
  - PAR approved 11 Dec
  - initial WG Letter Ballot: 43 Approve/ 0 Dis [112 comments]
  - expect Sponsor Ballot in June
- **1802.16.3 (Radio Conformance Tests):**
  - PAR approved in March 2003
  - expect to open WG Letter Ballot on draft this week
- **IEEE Staff wants to renumber all three projects**
  - Something like 802.16Conf1, 802.16Conf2, 802.16Conf3



# Task Group d (TGd)

- **Gordon Antonello: Chair**
- **802.16d (2-11 GHz System Profiles, + Errata):**
  - **Amendment to base standard (802.16/a/c)**
  - **PAR approved 11 Dec**
  - **Met at Session #23 & #24**
  - **Completed initial WG Letter Ballot**
    - 40 Approve/ 12 Dis [ $>120$  comments]
    - expect Sponsor Ballot in July

# Task Group e (TGe)

- **Brian Kiernan: Chair**
- **Shawn Taylor, Vice Chair**
- **802.16e (Mobility):**
  - **PAR approved 11 Dec**
  - **Call for Contributions issued**
  - **March: Call for Comments on Working Document**
  - **May Contributions and Comments to Review**
  - **Expect WG Letter Ballot to open in July**

# **802.16 Mesh Ad Hoc Committee**

- **802.16a defines an optional mesh topology**
- **In March 2003, 802.16 initiated a Mesh Ad Hoc Committee to consider development of a PAR to provide mesh enhancements**
- **Will meet this week**
- **Chair: Kamlesh Rath**

# 802.16 Leaders

- **Chair: Roger Marks**
- **Vice Chair: Carl Eklund**
- **Secretary: Dean Chang**
  
- **TGC Chair: Ken Stanwood**
- **TGd Chair: Gordon Antonello**
- **TGe Chair: Brian Kiernan**
- **TG2 Chair: Phil Whitehead**

# Resources

- **local server:**
  - **<http://mercury> [?]**
- **permanently:**
  - **<http://WirelessMAN.org>**