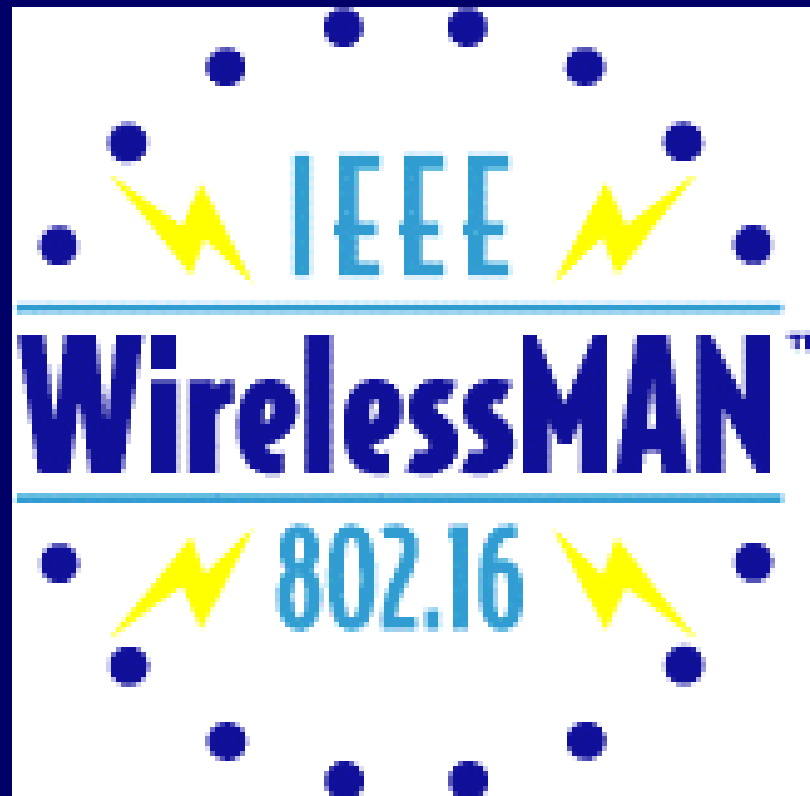


2002-01-21

IEEE 802.16

IEEE 802.16-02/04

# Working Group on Broadband Wireless Access (BWA)



**IEEE 802.16**  
**Working Group on**  
**Broadband Wireless Access**

**802.16 Session #17**

**Opening Plenary**

**21 January 2002**

**Hotel Levitunturi**

**Levi, Finland**

# Opening Plenary Agenda

- **Introductions**
- **Logistics**
- **Rules and Announcements**
- **Task Groups**
  - TG1
  - TGa
  - TG2
- **Liaison**
  - ITU-R
  - ETSI TM4
  - ETSI BRAN

# 802.16 Officers

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

# Hotel Information

- **This morning's temperature:**
  - **–35°C (–31°F)**
- **Logistics**
  - **Host: Carl Eklund**
- **Wednesday social**
  - **Catch bus at 7 pm**

# Attendance and Voting

- **Attendance Book Procedure**
  - No attendance books this week
  - All who register and attend will receive “participation” credit
- **Formal votes will be by Members only**
  - Voting tokens are sticker labels
    - Affix to badge
- **Lack of a quorum**

# Resources

- **On-site server:**
  - **802.11b Wireless LAN; Ethernet**
- **<http://ieee802.org/16>**
  - **Up to date as of Friday, 18 January**
  - **May not be updated this week**

# IEEE 802 Rules

## 5.1.4 Operation of the Working Group

- **The operation of the Working Group has to be balanced between democratic procedures that reflect the desires of the Working Group members and the Working Group Chair's responsibility to produce a standard, recommended practice, or guideline, in a reasonable amount of time.**
- Robert's Rules of Order shall be used in combination with these operating rules to achieve this balance.



# Robert's Rules

- **In the debate each member has the right to speak twice on the same question on the same day (except on an appeal), but cannot make a second speech on the same question as long as any member who has not spoken on that question desires the floor.**

# IEEE 802 Rules

## 5.1.4.1 Chair's Function

- **The Chair of the Working Group decides procedural issues. The Working Group members and the Chair decide technical issues by vote. The Working Group Chair decides what is procedural and what is technical.**
- **Note: 802.16 Chair delegates the power to make procedural decisions to the presiding Task Group Chair**

# Legal and Antitrust

- **Any discussions or any material relating to an ongoing litigation shall be avoided.**
- **Any discussions of pricing or issues that would violate US antitrust laws shall be avoided.**
- **Do not discuss pricing for use of a patent, how a patent should be licensed, validity or interpretation of a patent claim, or any terms or conditions of use.**

# Call for Essential Patents

- **If any individual believes that patented technology (or technology under patent application) might be incorporated into an 802.16 draft standard, that fact should be made known to the entire Working Group.**
  - **Preferably by an email notice to the Chair, who will post the notice on the 802.16 web site.**
- **Members and nonmembers can respond.**
- **There is no obligation to search patent portfolios, and no patent numbers need be identified.**
- **The chair, once made aware of this, will send out a patent Letter of Assurance request to the potential patent holder for official confirmation of information.**
- **<http://ieee802.org/16/ipr/patents/policy.html>**

# Task Group 1 Report

- **Air Interface for Fixed Broadband Wireless Access Systems (10-66 GHz)**
- **IEEE Draft P802.16/D5**
  - for sale in IEEE catalog since 18 Oct.
  - Passed Sponsor Ballot, 43-1 (28 Oct.)
  - Approved by IEEE 802 (November 2001)
  - Approved by RevCom (5 December)
  - Approved by IEEE-SA Stds Board (6 Dec)
    - Note: P802.15.1 not approved

# P802.16 Publication

- **Standard will be published as soon as possible after approval**
- **IEEE Project Editor (Jennifer Longman) will complete edit by 25 January**
- **Working Group has 2-3 weeks to review**
- **Errata list has been developed**
  - **tg1/errata.html**
  - **can be corrected before publication**
- **Technical errors require interpretation**
  - **can be corrected in an amendment**

# Task Group a (TGa)

- **At Session #16, approved a new PAR merging 802.16b into 802.16a**
- **Amendment to IEEE Standard 802.16**
  - **New Physical Layer Specs**
  - **Enhancements to 802.16 MAC**
- **PAR approved by IEEE 802 in November**
  - **IEEE-SA PAR Approval expected, 14 Feb**
    - **21 Jan: Recommended by “Champion”**
- **Withdraw of PAR 802.16b**
  - **IEEE Standards Board, 21 March 2002**

# TGa Ballot

- **Working Group Letter Ballot #4**
  - 30 Nov 2001 - 4 Jan 2002
  - 65% participation (enough)
  - 73.5% approval (not enough)
    - 75 Approve, 27 Disapprove
    - Allowed to try for 75% by resolution
      - Passes if two people switch from Dis to App
- **See development schedule**
  - IEEE 802.16a-02/01
  - <http://ieee802.org/16/tga/schedule.html>



# TGa Comment Resolution

- **Report in 802.16-02/01r4**
  - **80216-02\_01r4.zip**
- **766 Comments**
  - **60 were lost and posted late (in r4)**
  - **705 Reply Comments**
    - **Some pointed to wrong comments**
      - **Fixed in r4**

# Task Group 2: Coexistence

- **10-66 GHz**
  - **Recommended Practice 802.16.2**
  - **Approved by IEEE Standards Board, 6 July**
  - **Published 10 September 2001**
  - **Free at GetIEEE802, starting 10 March**
- **P802.16.2a**
  - **Amendment**

# ITU-R Report

- **From Jose Costa:**
  - **Joint Rapporteur Group 8A-9B**
  - **report of the Third meeting**
    - **Geneva, 22-26 October 2001)**
  - **Attention called to Section 4.8**

# ETSI BRAN TM4 Report

- **ETSI TM4 Liaison Letter**
  - Received 18 January (dated Nov 2001)
  - from ETSI BRAN Chair Roberto Macchi
  - IEEE L802.16-02/02
- **Request TG2 to draft a response**

# ETSI BRAN HIPERMAN Report

- **ETSI BRAN Liaison Letter**
  - **13 December**
  - **from ETSI BRAN Chair Jamshid Khun-Jush**
  - **IEEE 802.16I-01/24**
- **Asked IEEE for copyright permission**
  - **Awaiting IEEE response**

# Closing

- **The TGa draft has a long way to go.**
- **We need to make a lot of progress this week.**
- **We need to be cooperative and constructive.**
- **Let's have fun.**
- **Motion to adjourn.**