

# IEEE 802.16 Session #16 Report

Session #16 of the IEEE 802.16 Working Group on Broadband Wireless Access took place on 12-16 November 2001 at the Hyatt Regency Austin in Austin, Texas, USA during the November IEEE 802 Plenary Session.

## Summary

A decision to merge the 802.16a and 802.16b projects was made. A Working Group Letter Ballot on a draft standard appropriate to the merged project was approved for initiation. The document is constructed as an amendment to the base IEEE 802.16 standard, which completed IEEE Sponsor Ballot and is on the agenda for approval by the IEEE-SA Standards Board on 6 December. Task Group 2 held its second meeting to develop an amendment to the recently-published IEEE Standard 802.16.2.

## P802.16: Air Interface for Fixed Broadband Wireless Access Systems [10-66 GHz]

IEEE Sponsor Ballot of the P802.16 WirelessMAN™ Air Interface Draft (which is available in the IEEE Catalog) has been declared closed, with a 97% approval margin. The IEEE 802 Executive Committee approved submission of the 802.16 draft to the IEEE-SA Standards Board, where 6 December approval for publication is anticipated.

An overview of the 802.16 MAC was presented in a 90-minute IEEE 802 Tutorial (The 802.16 WirelessMAN™ MAC: It's Done, but What is It?). Over 200 people attended.

## P802.16a: MAC Modifications and Additional Physical Layer for 2-11 GHz

The Working Group, with the affirmation of the IEEE 802 Executive Committee (ExCom), approved a merger of the 802.16a (licensed) and 802.16b (license-exempt) projects into an expanded 802.16a project. Following extensive comment resolution, Draft 1 of the 802.16a standard was completed. The Working Group approved the initialization of a Working Group Letter Ballot, the final round of which is scheduled for completion in early April 2002 (see the approval schedule).

## P802.16.2a: Amendment to Recommended Practice for Coexistence of Fixed Broadband Wireless Access Systems

This group held its second meeting to develop an amendment to enhance IEEE Standard 802.16.2 by including licensed bands from 2-11 GHz and expanding the recommendations for coexistence of point-to-multipoint with point-to-point communications at millimeter-wave bands.

## Working Group Liaison Activities

### *ETSI BRAN Liaison*

The Working Group approved a liaison letter to ETSI BRAN. The letter was primarily a response to a recent letter from ETSI BRAN announcing that 802.16 drafts had been selected as the baseline for the ETSI BRAN HIPERMAN project.

### *BWIF*

The Working Group approved a letter to the Broadband Wireless Internet Forum.

## Documents

The [Session #16 document list](#) indexes the session documents.

The Session #16 Minutes are not yet available.

## IEEE 802 Executive Committee Actions

At its closing meeting of 16 November, the IEEE 802 Executive Committee approved [all five 802.16 motions](#).

## Future Meetings

- IEEE 802.16's [Session #17](#) will take place in [Levi](#), Finland on 21-25 January 2002. Carl Eklund will host, and Nokia will serve as corporate host. Please register as soon as possible.
- IEEE 802.16's [Session #18](#) will take place in St. Louis, Missouri, USA on 11-15 March 2002 in conjunction with the March 2002 [IEEE 802 Plenary Session](#).
- IEEE 802.16's [Session #19](#) will take place on 20-24 May 2002. The Working Group is seeking a host and venue. Please contact [the Chair](#) with offers or suggestions.
- A [calendar of future sessions](#) is available.

## About IEEE 802.16

The IEEE 802.16 Working Group on Broadband Wireless Access Standards is creating the WirelessMAN™ Standard for wireless metropolitan area networks. IEEE 802.16 is a unit of the [802 LAN/MAN Standards Committee](#), the premier transnational forum for wired and wireless networking standardization.

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This report was approved by IEEE 802.16 on 16 November 2001 and edited by:

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