



Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>IEEE 802.16 Working Group Letter Ballot #14: Announcement</b>	
Date Submitted	<b>2004-02-03</b>	
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Re:	IEEE 802.16 WG Letter Ballot #14, on IEEE P802.16e/D1-2004	
Abstract	This document announces and details the procedure for IEEE 802.16 Letter Ballot #14, in which IEEE P802.16e/D1-2004 is under review.	
Purpose	To document the process of Letter Ballot #14.	
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.	
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Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures < <a href="http://ieee802.org/16/ipr/patents/policy.html">http://ieee802.org/16/ipr/patents/policy.html</a> >, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair < <a href="mailto:chair@wirelessman.org">mailto:chair@wirelessman.org</a> > as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site < <a href="http://ieee802.org/16/ipr/patents/notices">http://ieee802.org/16/ipr/patents/notices</a> >.	

# IEEE 802.16 Working Group Letter Ballot #14

## 1. Introduction

This announcement opens IEEE 802.16's Letter Ballot #14, on the question:

*To forward IEEE P802.16e/D1-2004 for LMSC Sponsor Ballot.*

**Document title:** “*Draft Amendment to IEEE Standard for Local and Metropolitan Area Networks — Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems — Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands*”

**Document URL:** <[http://ieee802.org/16/private/drafts/tge/P80216e\\_D1.zip](http://ieee802.org/16/private/drafts/tge/P80216e_D1.zip)>

Ballot opening date: **3 February 2004**

Ballot closing date: **5 March 2004** AOE (“Anywhere on Earth”)

## 2. Procedure

To submit a ballot, use the form at:

<http://ieee802.org/16/tge/ballot14/ballotform14.html>

### 2.1 Disapprove Votes

Disapprove votes must include specific “Technical, Binding” comments on what must be done to the comment resolutions to change the vote to “Approve”.

### 2.2 To submit a ballot with comments or to submit comments only

If you wish to submit a ballot with comments (with or without a vote), you must download the standalone program *Commentary* (version 1.5 or higher) and use it to prepare your vote and comments. Submission instructions are included. *Commentary* is available at:

<http://ieee802.org/16/docs/Commentary>

### **3. Working Group Letter Ballot Process**

IEEE 802 rules specify that “the decision to submit a draft standard or a revised standard to the Sponsor Ballot Group must be ratified by a letter ballot.” The decision to carry out this letter ballot was made at the Closing Plenary of IEEE 802.16’s Session #29.

#### **3.1 Criteria for Approval**

##### **3.1.1 50% Return Rate**

The ballot will not be considered successful if less than 50% of the ballot group members return a vote. If this return rate has not been achieved by the specified closing date, the ballot may be extended by the Working Group Chair.

##### **3.1.2 75% Approval Rate**

The ballot will not be considered successful unless approved by at least 75% of the ballot group members voting “Approve” or “Disapprove”.

##### **3.1.3 Comment Resolution**

The IEEE 802.16 Working Group shall act as the Ballot Resolution Committee.

The Ballot Resolution Committee shall attempt to resolve all comments collected in the ballot process. All substantive technical changes, and all unresolved negative votes, together with the reasons of the negative voter and the rebuttal by the Ballot Resolution Committee, shall be subject to a recirculation ballot of at least fifteen days.

##### **3.1.4 Failed Ballots**

Should the approval rate be less than 75%, the Working Group shall nevertheless proceed with comment resolution and then offer “Disapprove” voters the opportunity to change their vote to “Approve”. Should this process result in a 75% or higher approval rate, the approval criterion in 3.1.2 shall be considered met.

Should this process fail to achieve the 75% approval rate, a new draft shall be prepared in accordance with the comment resolutions. A new Working Group Letter Ballot of the resulting draft shall be initiated by vote of the Working Group or at the discretion of the Working Group Chair.

#### **3.2 Draft Availability**

Following IEEE guidelines, the document under review is considered a Draft Standard. IEEE requires that Draft Standards carry the IEEE copyright notice and be restricted in distribution. As a result, the document has been posted on the IEEE 802.16 password-protected web site:

<http://iee802.org/16/private>

Members and Observers shall not share the password. Other interested parties should see the URL:

<http://ieee802.org/16/published.html>

and contact the Chair <<mailto:r.b.marks@ieee.org>> with any questions. The draft carries the statement “Permission is hereby granted for IEEE Standards Committee participants to reproduce this document for purposes of IEEE standardization activities.”

### **3.3 Ballot Group**

The Ballot Group for Letter Ballot #14 is provided in Annex A. It includes the individuals who are Members of IEEE 802.16 as of the start of the Letter Ballot. Except to remedy errors in the this membership list, the Ballot Group will not change through the course of Letter Ballot #14, including its resulting recirculation ballots, even as the Working Group membership changes.

### **3.4 Obligation of Working Group Members to Participate in Ballot**

The IEEE 802.16 Membership Procedures, which are in accordance with the IEEE Project 802 LAN MAN Standards Committee (LMSC) Operating Rules, specify that Working Group Membership shall be lost if two consecutive, or two of any three consecutive, Working Group Letter Ballots for which the member was eligible are not returned or are returned with an abstention other than for ‘lack of technical expertise.’ Note that participation in the initial round of the ballot is required to fulfill this obligation and to assist the Working Group in meeting the 50% return rate requirement. You may wish to check your voting record from recent 802.16 Letter Ballots:

- #12 <<http://ieee802.org/16/tgc/C3/ballot12/report12.html>>
- #13 <<http://ieee802.org/16/tgd/ballot13/report13.html>>.

### **3.5 Participation by Individuals outside the Ballot Group**

Individuals who are not Ballot Group members are welcome, and encouraged, to submit ballot comments following the procedure in 2.2

### **3.6 Public Release of Individual Ballots**

Detailed ballot results will be posted to the IEEE 802.16 Web Site.

## **4. Patent Policy and Procedures**

Please take note of the IEEE 802.16 Patent Policy

<<http://ieee802.org/16/ipr/patents/policy.html>>.

IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard. Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair <<mailto:chair@wireless-man.org>> as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site <<http://ieee802.org/16/ipr/patents/notices>>.

**Annex A: Ballot Group for IEEE 802.16 Working Group Letter Ballot #14**

Aditya Agrawal	Baraa Al-Dabagh	Gordon Antonello
Reza Arefi	Eli Avivi	Phillip Barber
David Castelow	Dean Chang	Naftali Chayat
Rémi Chayer	Stephen Dick	Brian Eidson
Carl Eklund	Roger Eline	Marc Engels
Avraham Freedman	G. Jack Garrison	Marianna Goldhammer
Zion Hadad	David Hartman	David Johnston
Panyuh Joo	Tal Kaitz	Ofer Kelman
Brian Kiernan	Itzik Kitroser	Changhoi Koo
Jonathan Labs	Yigal Leiba	Donald Leimer
Barry Lewis	Lingjie Li	John Liebetreu
Hyoungsoo Lim	Lars Lindh	Hui-Ling Lou
Heinz Lycklama	Roger Marks	Russell McKown
Andrew Middleton	Ronald Murias	Robert Nelson
Greg Phillips	Kamlesh Rath	Gene Robinson
Randall Schwartz	Yossi Segal	Radu Selea
James Simkins	Kenneth Stanwood	Carl Stevenson
Yoshihiro Suzuki	Shawn Taylor	David Trinkwon
Rainer Ullmann	Nico van Waes	Eyal Verbin
Arthur Wang	Lei Wang	Stanley Wang
Philip Whitehead	Vladimir Yanover	Choong-il Yeh
Chulsik Yoon		