

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	IEEE 802.16 Working Group Recirculation Ballot #4a	
Date Submitted	2002-02-08	
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Re:	IEEE P802.16a/D2-2002 and IEEE 802.16-02/01r6	
Abstract	This document announces and details the procedure for IEEE 802.16 Recirculation Ballot #4a, a Recirculation of IEEE 802.16 Working Group Letter Ballot #4, in which IEEE P802.16a/D2-2002 is under review.	
Purpose	To document the process of Recirculation Ballot #4a.	
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Patent Policy and Procedures	<p>The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures (Version 1.0) <http://ieee802.org/16/ipr/patents/policy.html>, including the statement "IEEE standards may include the known use of patent(s), including patent applications, if there is technical justification in the opinion of the standards-developing committee and provided the IEEE receives assurance from the patent holder that it will license applicants under reasonable terms and conditions for the purpose of implementing the standard."</p> <p>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:r.b.marks@ieee.org> as early as possible, in written or electronic form, of any patents (granted or under application) that may cover technology that is under consideration by or has been approved by IEEE 802.16. The Chair will disclose this notification via the IEEE 802.16 web site <http://ieee802.org/16/ipr/patents/notices>.</p>	

IEEE 802.16 Working Group Recirculation Ballot #4a

1. Introduction

This announcement opens IEEE 802.16's Recirculation Ballot #4, on the motion:

To forward IEEE P802.16a/D2-2002 for IEEE Sponsor Ballot.

Document title: *“IEEE Draft Standard for Local and Metropolitan Area Networks – Part 16: Air Interface for Fixed Broadband Wireless Access Systems – Medium Access Control Modifications and Additional Physical Layer Specifications for 2-11 GHz”*

Document URL: <http://ieee802.org/16/private/drafts/tga/P80216a_D2.zip>

Comments under review: IEEE 802.16-02/01r6

URL: <http://ieee802.org/16/docs/02/80216-02_01r6.zip>

Ballot opening date: **8 February 2002**

Ballot closing date: **22 February 2002** (anywhere in the world)

2. Procedure

2.1 Results of Letter Ballot #4

The **Results of Letter Ballot #4** are available at <http://ieee802.org/16/tga/ballot04/report.html>. The ballot passed, pending recirculation.

2.2 Previous Votes Carried Forward

If you cast a ballot in Letter Ballot #4 but do not participate in this recirculation ballot, your previous vote will be carried forward.

2.3 No Obligation of Working Group Members to Participate in Ballot

Working Group Members are not obliged to participate in this ballot, nor in any recirculation ballot. Participation or lack of participation will not affect Working Group Membership.

2.4 Scope of Ballot

In principle, the scope of the recirculation ballot includes only the changes made from Draft 1 to Draft 2. However, Comments outside this scope may be ruled out of order by the Ballot Resolution Committee. However, the Committee will address and respond to all comments.

2.5 To submit a ballot with no comments

If you are a member of the Ballot Group (see **Results of Letter Ballot #4**) and wish to submit a ballot with no comments, you may send an email to the Working Group Chair <<mailto:r.b.marks@ieee.org>> with the following fields:

Subject: *802.16 Letter Ballot #4*

Body: *choose one of the following only*

- *Approve with no comments*
- *Abstain for Lack of Technical Expertise*
- *Abstain for Lack of Time*

2.6 Disapprove Votes

Disapprove votes must include specific comments on what must be done to the draft to change the vote to “Approve”.

2.7 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 1.1 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

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 802.16 Session #16.

3.1 Criteria for Approval

3.1.1 50% Return Rate

The required 50% return rate was met in Letter Ballot #4. There is no return rate requirement for a recirculation ballot.

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 Working Group 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 members conducting the resolution of the ballots, shall be subject to a recirculation ballot of at least ten 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 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 802.16 password-protected web site. 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.

3.3 Ballot Group

The Ballot Group for Recirculation Ballot #4 is provided in Annex A. It includes the 178 individuals who were Members of IEEE 802.16 as of the start of Letter Ballot #4. Except to remedy errors in the this membership list, the Ballot Group will not change through the course of Letter Ballot #4, including its resulting recirculation ballots, even as the Working Group membership changes.

3.4 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 2.5.

3.5 Public Release of Individual Ballots

Detailed ballot results will be posted to the 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>.

Note that “anyone, whether participating in IEEE 802.16 or not, should notify the Chair of any patents (granted or under application, and regardless of the assignee or the patent nationality) that may cover technology that is under consideration by or has been approved by IEEE 802.16.”

Annex A: Ballot Group

Agrawal, Aditya	Hadad, Zion	Lycklama, Heinz	Selea, Radu
An, Song	Hakim, Joseph	Malkemes, Robert	Seller, Olivier
Antonello, Gordon	Halachmi, Baruch	Marin, J. Scott	Shahar, Menashe
Arefi, Reza	Hamilton, Michael	Markarian, Garik	Shan, Tie-Jun
Ariyavisitakul, S. Lek	Harteneck, Moritz	Marks, Roger	Shani, David
Arrakoski, Jori	Hatim, Baya	McCallister, Ronald	Shenhav, Chaim
Arunachalam, Arun	Hebron, Yoav	McGregor, Andy	Shirali, Chet
Audeh, Malik	Heise, Bob	McKown, Russell	Simkins, James
Avera, Drayt	Hosur, Srinath	Mehta, Sushil	Singh, Manoneet
Avivi, Eli	Hum, Coleman	Meyer, Ronald	Singleton, Ken
Baragar, Ian	Hunter, Wayne	Middleton, Andrew	Smith, Steven
Baugh, C.R. (Rick)	Husson, David	Mitlin, Vlad	Son, Jung Je
Belfiore, Carlos	Jackson, Du Wayne	Mody, Apurva	Sonander, Sean
Benyamin-Seeyar, Anader	Jacobsen, Eric	Moghe, Sanjay	Stamatelos, George
Brennan, James	Jamali, Hamadi	Mollenauer, James	Stambaugh, Karl
Bushue, Carl	Joo, Panyuh	Monk, Anton	Stanwood, Ken
Buskila, Baruch	Jorgensen, Jacob	Murias, Ronald	Stewart, Michael
Caso, Gregory	Kaitz, Tal	Music, Wayne	Struhsaker, Paul
Chang, Yuankai	Kang, Inchul	Myers, William	Sydor, John
Chang, Dean	Kasslin, Mika	Nadeau, Jim	Taylor, Shawn
Chauncey, David	Kelly, Phil	Nelson, Robert	Tellado, Jose
Chayat, Naftali	Kelman, Ofer	Olszewski, Kim	Thompson, Paul
Chayer, Rémi	Kiernan, Brian	Padan, Uzi	Tiram-Regev, Ayelet
Coles, Ronald	Kim, John	Paff, Mike	Trinkwon, David
Condie, Mary	Kitroser, Itzik	Patel, Manish	Van Waes, Nico
Cornelius, James	Klein, Allan	Peirce, Kenneth	Varma, Subir
Costa, José	Klein, Jay	Ponnuswamy, Subbu	Wachira, Muya
Donahue, Michael	Kolze, Thomas	Quilez, Vicente	Wang, Arthur
Dotan, Amos	Kostas, Demosthenes	Rafie, Manouchehr	Wang, Lei
Durand, Roger	Krinock, Jerome	Ran, Moshe	Wang, Chao-Chun
Edmonston, Brian	Krishnamoorthy, Rajeev	Regev, Einan	Wang, Stanley
Eidson, Brian	Kwak, Byung-Jae	Reible, Stanley	Ward, Robert
Eilts, Henry	Labs, Jonathan	Resheff, Guy	Watkins, Larry
Eklund, Carl	Langley, John	Rhodes, Valentine	Whitehead, Philip
El-Damhougy, Hesham	Lee, Chin-Chen	Robinson, Gene	Whiting, Robert
Erceg, Vinko	Leiba, Yigal	Roehr, Walt	Williams, David
Fishel, George	Leng, Minfei	Sarajedini, Amir	Wise, Curt
Florea, Adrian	Levinson, Moshe	Sarca, Octavian	Yanover, Vladimir
Foster, Robert	Lewis, Barry	Sari, Hikmet	Ye, Huanchun
Freedman, Avraham	Licardie, Sergio	Satapathy, Durga	Zeng, Chaoming
Garrett, Andrew	Liebetreu, John	Sater, Glen	Zhang, Wenhan
Garrison, G. Jack	Lindh, Lars	Scaringi, Vito	Zuniga, Juan Carlos
Gieschen, Brian	Lo, Titus	Scarpa, Carl	Zyskowski, Paul
Goldhammer, Marianna	Lou, Hui-Ling	Schwartz, Randall	
Guillemette, Phil	Lu, Willie	Segal, Yossi	