

2006-04-05



IEEE 802.16-06/020

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 Recirc #20a: Announcement</b>	
Date Submitted	<b>2006-04-05</b>	
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Re:	IEEE 802.16 WG Letter Ballot Recirc #20a, on P802.16g/D2	
Abstract	This document announces and details the procedure for IEEE 802.16 Letter Ballot Recirc #20a, in which P802.16g/D2 is under review.	
Purpose	To document the process of Letter Ballot Recirc #20a.	
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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 Recirc #20a

## 1. Introduction

This announcement opens IEEE 802.16's Letter Ballot Recirc #20a, on the question:

*To accept the resolutions of comments from Working Group Letter Ballot #20, as recorded in IEEE 802.16-06/014r3 <[http://ieee802.org/16/docs/06/80216-06\\_014r3.zip](http://ieee802.org/16/docs/06/80216-06_014r3.zip)> and to forward IEEE P802.16g-06/D2 <<http://ieee802.org/16/pubs/P80216g.html>> for LMSC Sponsor Ballot.*

**Document title: “Draft IEEE Standard for Local and metropolitan area networks – Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems – Management Plane Procedures and Services ”**

Recirc opening date: **5 April 2006**

Recirc closing date: **30 April 2006**, AOE:

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

## 2. Procedure

### 2.1 Results of Prior Ballot Rounds

The **Results of Letter Ballot #20** (including recirculations) are available at

<http://ieee802.org/16/netman/ballot20/report20.html>.

The ballot results stand at 111 Approve, 94 Disapprove, 25 Abstain), pending recirculation of changes to resolve the comments. The current approval ratio of 54% is below the 75% minimum required for approval.

All comments received, along with the resolutions developed by the IEEE 802.16 Working Group, are available in IEEE 802.16-06/014r3:

<[http://ieee802.org/16/docs/06/80216-06\\_014r3.zip](http://ieee802.org/16/docs/06/80216-06_014r3.zip)>

### 2.2 Previous Votes Carried Forward

If you do not cast a ballot in this recirculation but cast a previous ballot in Working Group Letter Ballot #20 or a recirculation of it, 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

The scope of the recirculation ballot includes only the disposition of the outstanding Disapprove (“Technical, Binding”) comments and the changes to the draft as documented in the comment resolutions under review (along with the implementation of those resolutions in the draft).

### 2.5 To submit a ballot

To submit a ballot, use the form at:

<http://dot16.org/ballot20/ballotform20a.html>

### 2.6 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”.

If you are on record as a Disapprove voter following the previous ballot round, please submit a ballot in which you either vote Approve or in which you specify, in a comment, which of your previous Binding comments may be marked “Satisfied”.

### 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 1.5 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>

Comments *must* be submitted following the procedure defined in the ballot form:

<<http://dot16.org/ballot20/ballotform20a.html>>.

### 2.8 To confirm receipt of your ballot and check the ballot status report

To confirm receipt of your ballot, see the ballot status report at:

<<http://ieee802.org/16/netman/ballot20/report20.html>>.

To submit a ballot, use the form at:

<http://dot16.org/ballot20/ballotform20a.html>

### **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 by means of IEEE 802.16’s Letter Ballot #19.

#### **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 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 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 Ballot Group**

The Ballot Group for Letter Ballot #20 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 #20, including its resulting recirculation ballots, even as the Working Group membership changes.

### 3.3 Participation by Individuals outside the Ballot Group

Individuals who are not Ballot Group members are welcome to submit ballot comments following the procedure in 2.7.

### 3.4 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 #20

Table 1:

Aboba, Bernard	Abrishami, Ray	Agis, Edward	Agrawal, Aditya
Alamouti, Siavash	Ali, Murtaza	Aliotta, Mario	Andelman, Dov
Antonello, Gordon	Athalye, Sanjeev	Austin, Mark	Avivi, Eli
Ayyr, Ravi	Baek, Sung Kwan	Barber, Phillip	Baum, Kevin
Bhalla, Rajesh	Blankenship, Yufei	Bogenfeld, Eckard	Brandt, Achim
Brooks, Terri	Brown, Thomas	Cai, Sean	Carlo, Jim
Castelow, David	Cavalli, Giulio	Cha, Jaesun	Chae, Chan-Byoung

Table 1:

Chan, John	Chang, Dean	Chang, Jae Hwan	Chang, Sungcheol
Chang, Yong	Chao, Jim	Chauvin, Todd	Chayat, Naftali
Chayer, Rémi	Chen, Jennifer	Chen, Yuehua (Lucy)	Chindapol, Aik
Chion, Hua (Mary)	Cho, Jaehee	Cho, Jaeweon	Cho, Kihyoung
Cho, Seijeji	Cho, Seokheon	Choi, Hyoung-Jin	Choi, Yang-Seok
Chou, Joey	Chun, Jin Young	Chung, Jin Yong	Chung, Kyuhyuk
Costa, José	Cote, Guy	Cudak, Mark	Dang, Shujun
Davidovici, Sorin	Demarty, Joël	Diaine, Pascale	Diepstraten, Wim
Dondeti, Lakshminath	Dong, Xiaolu	Draper, Frank	Dudzinski, Krzysztof
Eastwood, Lester	Edler, Tomas	Eklund, Carl	Eliaspur, Yigal
Eline, Roger	Exeler, Frank	Fahldieck, Torsten	Fan, Shijun (James)
Fang, Yonggang	Feder, Peretz	Feng, Dazi	Fong, Mo-Han
Franovici, Bogdan	Freedman, Avraham	Fu, Yan	Geipel, Mike
Ghazi, Vafa	Giesberts, Pieter-Paul	Goel, Nikhil	Goldhamer, Mariana
Golshan, Reza	Grandblaise, David	Guo, Qiang	Hadad, Zion
Han, Jun	Han, Jung Ho	Hanaoka, Seishi	Hansen, Chris
Harrang, Jeff	Hart, Mike	He, Haixiang	He, Peng
Henderson, Gregory	Hoghooghi, Michael	Hsiao, Chang-Lung	Huang, Haiming
Huang, Peter	Huang, Zhaoyun (Laura)	Hui, Benjamin	Humbert, John
Hur, Yerang	Hwang, Inseok	Ibbetson, Luke	Ihm, Bin-Chul
Jain, Avinash	Jang, Jiho	Jeon, Jaeho	Jeong, Moo Ryong
Jin, Yong Seok	Johnson, Brian	Johnston, David	Joo, Panyuh
Kang, Hyunjeong	Kang, Samuel	Kelly, Ivy	Kelman, Ofer
Kerr, Adam	Kiernan, Brian	Kim, Beomjoon	Kim, Bong Ho
Kim, Byoung-Jo	Kim, Chong-kwon	Kim, Dae-Joong	Kim, Jaeyoel
Kim, Jeonghwi	Kim, Jung Won	Kim, Min Sung	Kim, Ronny (Yong-Ho)
Kim, Yong Bum	Kim, Youngho	Kitroser, Itzik	Knudsen, Chris
Koo, Changhoi	Koorapaty, Havish	Kotecha, Lalit	Kuze, Toshiyuki
Kwon, Dongseung	Labs, Jonathan	Lai, Ming-Yee	Laihonen, Kari
Lamoureux, Pierre	Lebrun, Guillaume	Lee, Chang-jae	Lee, Chi-Chen
Lee, Jae Hak	Lee, Mihyun	Lee, Sungjin	Leiba, Yigal

Table 1:

Lewis, Barry	Li, Dina	Li, Jia-Ru	Li, Jiang
Li, Kemin	Li, Li	Li, Thomas	Li, Wei
Li, Xiaodong	Li, Yongmao	Licitra, Gaspare	Lim, Aeri
Lim, Geunhwi	Lim, Hyoung Kyu	Lim, Hyoungsoo	Lim, Sun Ju
Lin, Zhibin	Lo, Titus	Lou, Hui-Ling	Lycklama, Heinz
Lynch, Michael	Lyon, Daniel	Ma, Steve	Maeng, Seung Joo
Maez, David	Maidment, David	Makhijani, Mahesh	Mandin, Jeffrey
Marks, Roger	Matatyaou, Asaf	McGinniss, David	Migaldi, Scott
Mo, Xiu	Mollenauer, James	Mont-Reynaud, Ollivier	Muenzner, Roland
Mulder, Willem	Murias, Ronald	Murphy, Sean	Nakamura, Kenichi
Nam, Seung Hoon	Natarajan, K.S.	Nguyen, Nha	Nitsche, Gunnar
Nohara, Mitsuo	Odlyzko, Paul	Oh, Min Seok	Olfat, Masoud
Or, Alan	Ovadia, Shlomo	Paranchych, David	Park, Youngsoo
Pearman, Trevor	Pechner, Dave	Peterson, Roger	Petti, Bonnie
Phillips, Greg	Piggin, Paul	Poisson, Sebastien	Popper, Ambroise
Poston, Jeff	Priebe, Russell	Probasco, Michael (Scott)	Puthenkulam, Jose
Qian, Nanjian (Jeff)	Qu, Hongyun	Ramachandran, Shyamal	Rath, Kamlesh
Royal, Frank	Reid, Anthony	Reifsnider, Eric	Retnasothie, Francis
Reudink, Douglas	Riegel, Maximilian	Roh, Wonil	Ruck, Herbert
Rush, Charles	Ryu, Kiseon	Sago, Andrew	Saifullah, Yousuf
Saito, Kenji	Salvekar, Atul	Schlanger, Gary	Schmidt, Jörg
Schumacher, Gregory	Seagren, Christian	Segal, Yossi	Selea, Radu
Shankaranarayanan, N.K.	Shasha, Eli	Shen, Gang	Shen, Yabing
Simkins, James	Sjoberg, Sten	Solomon, David	Son, Jung Je
Son, Yeong Moon	Stanwood, Kenneth	Suh, Kyungjoo	Tang, Chunhui
Tang, Xiangguo	Tcha, Yongjoo	Thomas, Mark	Tong, Wen
Tsai, Shiau-He (Shawn)	Ullmann, Rainer	Vadgama, Sunil	Vafai, Mano
Valbonesi, Lucia	van Leeuwen, Richard	Verbin, Eyal	Viorel, Dorin
Vook, Frederick	Walma, Mathys	Wang, Arthur	Wang, Fan
Wang, Guo Qiang	Wang, Irving	Wang, Lei	Wang, Stanley

Table 1:

Ward, Lisa	Wei, Xuefei	Wennstrom, Mattias	Wieczorek, Alfred
Wu, Geng	Wu, Jun	Wu, Xuyong	Wunsch, Janice
Xiang, David	Xu, Ling	Xu, Shanshan	Yaghoobi, Hassan
Yang, Weidong			