Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**IEEE 802.16 Working Group Letter Ballot Recirc #31a: Announcement**
Date Submitted	**2010-04-14**
Source(s)	Roger B. Marks r.b.marks@ieee.org WiMAX Forum
Re:	IEEE 802.16 Working Group Letter Ballot Recirc #31a, on P802.16m/D5
Abstract	This document announces and details the procedure for IEEE 802.16 Working Group Letter Ballot Recirc #31a, in which P802.16m/D5 is under review.
Purpose	To document the process of Working Group Letter Ballot Recirc #31a.
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Patent Policy and Procedures	The contributor is familiar with the IEEE-SA Patent Policy and Procedures: <http://standards.ieee.org/guides/bylaws/sect6-7.html#6> and <http://standards.ieee.org/guides/opman/sect6.html#6.3>. Further information is located at <http://standards.ieee.org/board/pat/pat-material.html> and <http://standards.ieee.org/board/pat>.

IEEE 802.16 Working Group Working Group Letter Ballot Recirc #31a
Roger B. Marks

1. Introduction

This announcement opens IEEE 802.16's Working Group Letter Ballot Recirc #31a, on the question:

> *To accept the resolutions of comments from Working Group Letter Ballot #31, as recorded in IEEE 802.16-10/0018r5, and to forward to the IEEE 802 LMSC Executive Committee, for IEEE-SA Sponsor Ballot, IEEE P802.16m/D5 <http://ieee802.org/16/pubs/80216m.html>*

Ballot opening: **14 April 2010**
Ballot closing: **30 April 2010** AOE

<http://timeanddate.com/worldclock/fixedtime.html?month=05&day=01&year=2010&hour=1&min=0&sec=0&p1=1033>

2. Procedure

2.1 Results of Prior Ballot Rounds

The **Results of Letter Ballot #31** (including any recirculations) are available at

<http://ieee802.org/16/ballots/ballot31>.

All comments received, along with the resolutions developed by the IEEE 802.16 Working Group, are available in Commentary format in IEEE 802.16-10/0018r5 <http://ieee802.org/16/docs/index.html#10_0018>.

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 #31 or a subsequent recirculation, 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 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/ballot/ballot31>.

2.6 Disapprove Votes

Disapprove votes must include specific "Technical" comments (indicated as "Part of Dis" for "Part of Disapprove Vote") on what must be done to the comment resolutions 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 2.17 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/ballot/ballot31>.

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

To confirm receipt of your ballot, see the real-time report at:

< http://dot16.org/ballot/ballot31/results.shtml>.

You can also check the ballot status report, which is not regularly updated, at:

<http://ieee802.org/16/ballots/ballot31>.

3. Working Group Letter Ballot Process

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 #31 is provided in Annex A. It includes the names of individuals who are Members of IEEE 802.16 as of the start of the Letter Ballot. Except to remedy errors in this membership list, the Ballot Group will not change through the course of Letter Ballot #31, including its resulting recirculation ballots, even as the Working Group membership changes. The Working Group Chair may deny participation in the ballot due to failure to declare valid affiliation during Working Group sessions.

3.3 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) Policies & Procedures and IEEE 802 Operations Manual, 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.

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 2.3.

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

The IEEE 802.16 Working Group operates under the IEEE-SA Patent Policy and Procedures. See:
   <http://standards.ieee.org/guides/bylaws/sect6-7.html#6> and
   <http://standards.ieee.org/guides/opman/sect6.html#6.3>.
Further information is located at <http://standards.ieee.org/board/pat/pat-material.html> and
<http://standards.ieee.org/board/pat>.

Annex A: Ballot Group for IEEE 802.16 Working Group Letter Ballot #31

Note: Participation in ballot may be denied due to failure to declare valid affiliation during Working Group sessions.

Abdallah, Mohamed	Agarwal, Rajni	Agiwal, Anil	Ahmadi, Sassan
Al-Kanani, Hassan	Aloush, Avner	Ambroise, Xavier	Andelman, Dov
Annavajjala, Ramesh	Aoki, Tsuguhide	Arefi, Reza	Baek, Youngkyo
Bajaj, Rashmi	Barber, Phillip	Bims, Harry	Biton, Erez
Boariu, Adrian	Boyer, Adrian	Cai, Sean	Cain, Peter
Cha, Jaesun	Chae, Suchang	Chang, Sung-Cheol	Chang, YoungBin
Chang, Yu-Hao	Chayat, Naftali	Chen, Cheng-Ming	Chen, Chiu-Wen
Chen, Mei-Dai	Chen, Wei-Peng	Chen, Whai-En	Chen, Yih-Shen
Chen, Yung-Han	Chen, Yuqin	Cheng, Paul	Cheng, Ray-Guang
Cheng, Shih-Yuan	Chindapol, Aik	Chion, Hua (Mary)	Chiu, Chun-Yuan
Cho, HanGyu	Cho, Jaehee	Cho, Jaeweon	Cho, Youngbo
Choi, Hokyu	Choi, Jinsoo	Choi, Joonyoung	Choi, Yang-Seok
Chou, Chao-Chin	Chou, Chie Ming	Chou, Ching-Chun	Chou, Joey
Chow, Jerry	Chuang, Ming-Hsueh	Chun, Jin Young	Chun, Joon Hwa
Chung, Russell	Clerckx, Bruno	Colban, Erik	Costa, José
Crowley, Steven	Cudak, Mark	Davydov, Alexey	Dayal, Pranav
Dhaliwal, Upkar	Du, Ying	Eklund, Carl	Erlihson, Michael
Etemad, Kamran	Eun, Yu-Chang	Fan, Linghang	Fang, Huiying
Fang, Yu-Chuan	Feder, Peretz	Feng, Chengyan	Fong, Mo-Han
Fu, I-Kang	Fwu, Jong-Kae (JK)	Gal, Dan	Geles, Mark
Ghasemi, Amir	Glassford, Rob	Goldhamer, Mariana	Griot, Miguel
Guan, Yanfeng	Gundlach, Michael	Hadad, Zion	Hahn, GeneBeck
Hamiti, Shkumbin	Hanaoka, Seishi	Harel, Tom	Hart, Mike
Hayase, Shigenori	Hillery, William	Himayat, Nageen	Ho, Chieh Yuan
Ho, Chung-Lien	Hsiao, Ying-Chuan	Hsieh, Ching-Tarng	Hsieh, Yu-Tao
Hsu, Chun-Yen	Hsu, Chung-Hsien	Hsu, Jen-Yuan	Hsuan, Yi
Huang, Cancan	Huang, Din Hwa	Huang, Lei	Hui, Jie
Hui, Junhong	Humbert, John	Hur, Yerang	Ihm, Bin-Chul
Ikeda, Tetsu	Imata, Satoshi	Jan, Yih Guang	Jang, Jaehyuk
Jee, Junghoon	Ji, Baowei	Jin, Lei	Jin, Sunggeun
Johnsson, Kerstin	Johnston, David	Josiam, Kaushik	Juang, Rong-Terng
Jung, Bang Chul	Jung, Inuk	Jung, Soojung	Kang, Heewon
Kang, Hyunjeong	Kang, Minsuk	Kang, Seunghyun	Kanzaki, Hajime
Kao, Chien-Yu	Kato, Tsuguo	Khojastepour, Mohammad	Khoryaev, Alexey

Kiernan, Brian	Kim, Bong Ho	Kim, Eunkyung	Kim, Jeong Gon
Kim, Jihyung	Kim, Juhee	Kim, Namgi	Kim, Ronny (Yong-Ho)
Kim, Sangheon	Kim, Sungkyung	Kim, Taeyoung	Kim, Won Ik
Kim, Young Kyun	Kishigami, Takaaki	Klutto Milleth, J.	Koc, Ali
Kone, Mamadou	Koo, Changhoi	Korakis, Thanasis	Korkmaz, Gokhan
Kuchi, Kiran Kumar	Kuo, Ping-Heng	Kuze, Toshiyuki	Kwak, Jin-Sam
Kwon, Dong Seung	Kwon, Young Hoon	Labonte, Sylvain	Labs, Jonathan
Lee, Byung Moo	Lee, Howon	Lee, Hyun	Lee, HyunWoo
Lee, Jeong Julie	Lee, Jin	Lee, Ju Seung	Lee, Ki-Dong
Lee, Kyounghwan	Lee, Mi Hyun	Lee, Sook-Jin	Lee, Sukwoo
Lee, Sungjin	Lee, Wookbong	Lee, Yang-Han	Lee, Youn-Tai
Lee, Yung-Ting	Li, Guangjie	Li, Richard	Li, Shaohua
Li, Ying	Li, Zexian	Liao, Pei-Kai	Liao, Wei-Shun
Lim, Junsung	Lim, Kwangjae	Lin, Chih-Yuan	Lin, Hsin-Piao
Lin, Kuhn-Chang	Lin, Yi-Ting	Liu, Hang	Liu, Yang
Livschitz, Michael	Loa, Kanchei	Lu, Jianmin	Lv, Kaiying
Lynch, Michael	Madihian, Mohammad	Maeder, Andreas	Maez, David
Maheshwari, Shashikant	Maiberger, Roy	Maltsev, Alexander	Mao, Ronald
Marks, Roger	Marque-Pucheu, Gerard	Maskatia, Arif	Masters, Jeffery
Matsumoto, Wataru	Mazzarese, David	McBeath, Sean	McGinniss, David
Meddour, Djamal-Eddine	Migaldi, Scott	Mlinarsky, Fanny	Mohanty, Shantidev
Molisch, Andreas	Mondal, Bishwarup	Monogioudis, Pantelis	Moon, Sungho
Muck, Markus	Murias, Ronald	Nakamura, Michiharu	Nakatsugawa, Keiichi
Nguyen, An	Niu, Huaning	Nohara, Mitsuo	Oh, Min-Seok
Okuda, Masato	Olfat, Masoud	Olszewski, Kim	Ono, Ryoji
Orlik, Philip	Ostling, Per-Erik	Papathanassiou, Apostolos	Park, Giwon
Park, Hyungho	Park, Jeongho	Park, Jisoo	Park, Sung-Eun
Patel, Vijay	Pi, Zhouyue	Pillai, Vinod Ramaswamy	Pirhonen, Riku
Porat, Ron	Power, Kevin	Probasco, Scott	Puthenkulam, Jose
Qi, Xin	Qian, Nanjian (Jeff)	Qu, Hongyun	Rabineau, Rodrigue
Ramakrishna, Sudhir	Ran, Rong	Reddy, Ranga K	Ren, Fang-Ching
Riegel, Maximilian	Roh, Kwanhee	Roh, Wonil	Rong, Zhigang
Ruck, Herbert	Ryu, Kiseon	Saifullah, Yousuf	Sambasivan, Sam
Sarperi, Luciano	Sayeedi, Shahab	Schaepperle, Joerg	Schneider, Thomas
Schumacher, Joseph	Seagren, Chris	Seol, Ji-Yun	Shalash, Ahmed
Shekalim, Peretz	Shen, Gang	Sherman, Matthew	Shim, Jaejeong (Brian)
Shin, Wooram	Shono, Takashi	Sivanesan, Kathiravetpillai	Sjoberg, Sten
So, Tricci	Son, Jung Je	Son, Yeongmoon	Song, Ting-Chen (Tom)

Song, Young Seog	Srinivasan, Roshni	Stanwood, Kenneth	Su, Hsuan-Jung
Su, Xin	Sun, Bo	Sun, Hongmei	Sun, Li-Hsiang
Sun, Yong	Sung, Doo-hyun	Sydir, Jaroslaw J	Takai, Mineo
Talukdar, Anup	Tang, Yang	Tao, Jeffrey	Tao, Ming-Hung
Taori, Rakesh	Taylor, Shawn	Tcha, Yongjoo	Thome, Timothy
Ting, Pangan	Tonnerre, Arnaud	Trigui, Hafedh	Tsai, Chang-Lan
Tsai, Jiann-An	Tsai, Shiau-He	Tsai, Tsung-Yu	Tsai, Yi-Hsueh
Tseng, Fan Shuo	Tseng, Hsien-Wei	Tzavidas, Stavros	Ullmann, Rainer
Urban, David	Vadgama, Sunil	Vannithamby, Rath	Venkatachalam, Muthaiah
Vook, Frederick	Vrzic, Sophie	Walker, Kenneth	Wang, Arthur
Wang, Chun-Yen	Wang, Hai	Wang, Jiacheng	Wang, Lei
Wang, Li	Wang, Ping	Wang, Shu-Shaw	Wang, Xiaoyi
Wang, Yanhong	Watanabe, Fujio	Watanabe, Yoshikazu	Wei, Hung-Yu
Willey, Dan	Wu, Ciouping	Wu, Jia-Hao	Wu, Qi
Xu, Changlong	Xu, Hua	Xu, Jin	Xu, Ling
Yaghoobi, Hassan	Yang, Chang Feng	Yang, Chih-Cheng	Yang, Feng-Ming
Yang, Hongwei	Yang, Rongzhen	Yang, Xiangying	Yang, Yunsong
Yanover, Vladimir	Yin, Hua-Chiang	Yin, Hujun	Yoo, Hwasun
Yoshii, Isamu	Yu, Hyunkyu	Yu, Kai	Yuk, Young Soo
Yun, Jungnam	Zein, Nader	Zeira, Eldad	Zhang, Jie
Zhang, Kaibin	Zhao, Zheng	Zheng, Haihong	Zheng, Xufeng
Zheng, Yan-Xiu	Zhou, Hua	Zhou, Lei	Zhu, Chenxi
Zhu, Jing	Zhu, Peiying	Zhu, Yuan	