

# IEEE-SA STANDARDS BOARD FORM FOR SUBMITTAL OF PROPOSED STANDARDS

**1. PROJECT NUMBER:** P1802.16.1**2. DATE:** 25 Apr 2003**3. TITLE:** Draft Standard for Conformance to IEEE Standard 802.16 - Part 1: Protocol Implementation Conformance Statement (PICS) Proforma for 10-66 GHz WirelessMAN-SC Air Interface**4. SPONSOR** (Full name of society/committee): Computer Society/LMSC + Microwave Theory & Techniques Society**5. BALLOTING COMMITTEE:** 802.16 Working Group + Microwave Theory and Techniques Society

(Include written delegation of balloting authority.)

**6. NAME OF WORKING GROUP:** 802.16 Working Group on Broadband Wireless Access**7. NAME AND ADDRESS OF SUBMITTER**

Roger B. Marks  
NIST  
325 Broadway, MC 813.00  
Boulder, CO 80305  
USA

Telephone: +1 303 497 3037

Fax: +1 509 756 2642

E-Mail: r.b.marks@ieee.org

**8. DESCRIPTION OF DOCUMENT** (Check one from each column.)☒ New☐ Revision☐ Reaffirmation☐ Withdrawal☒ Standard☐ Recommended Practice☐ Guide☐ Amendment/Corrigenda to an existing standard (Indicate number and year) \_\_\_\_\_☒ Full Use (5-year life cycle)☐ Trial Use (2-year life cycle)**8A. REAFFIRMATION ONLY:**

The Sponsor confirms that the balloting group agrees that this standard continues to be useful in its current form and contains no significant obsolete or erroneous information.

☐ Yes☐ No**9. BALLOT INFORMATION**

List the interest categories of **eligible** balloters only. Refer to the IEEE-SA Standards Board Operations Manual and the Working Guide for Submittal of Proposed Standards for the rules of balloting committee classification.

User	13	Producer	14	General Interest	23	Government	3
Interest Category	No.	Interest Category	No.	Interest Category	No.	Interest Category	No.

**SUMMARY OF ELIGIBLE BALLOTS**

	INITIAL BALLOT		RECIRCULATION BALLOT (if applicable)	
	Draft D2 Number	Date Closed: 2003-02-25 Percentage	Draft D3 Number	Date Closed: 2003-04-24 Percentage
Ballots Mailed	<u>53</u>	<u>100%</u>	<u>53</u>	<u>100%</u>
Ballots Returned	<u>42</u>	<u>79</u>	<u>46</u>	<u>86</u>
Affirmatives	<u>41</u>	<u>100</u>	<u>45</u>	<u>100</u>
Negatives	<u>0</u>	<u>N/A</u>	<u>0</u>	<u>N/A</u>
SPID 78610571.29608	IEEE-SA Standards Board Approved Revision 7 December 2000			
Abstentions	<u>1</u>	<u>2</u>	<u>1</u>	<u>2</u>

Reasons for abstentions:

Lack of time = 1

Lack of expertise = 0

Other = 0

## 10. RESOLUTION OF COMMENTS AND NEGATIVE VOTES

All balloting group members, observers, and coordinating groups have been advised of substantive changes made with respect to the balloted draft standard (in response to comments, in resolving negative votes, or for other reasons) and have received copies of all unresolved negative votes with reasons from the negative voter and the rebuttal, and have been advised that they have an opportunity to change their votes.

- A. Have unresolved negative votes been circulated? ☐ Yes ☐ No ☒ No unresolved votes  
*Include unresolved negative comments and rebuttal.*
- B. Have substantive document changes been circulated? ☒ Yes ☐ No ☐ No substantive changes

## 11. COORDINATION ACTIVITY (Not required for reaffirmation)

Using the abbreviations listed below, indicate the response received from each committee/organization required for coordination and include a copy of the response. Include documentation authorizing coordination by common membership, if applicable.

R = Received

R/C = Received with comment

NR = Not received

Committee/Organization	Response	Committee/Organization	Response
SCC10 (IEEE Dictionary)	R		
SCC14 (Quantities, Units, & Letter Symbols)	R		
IEEE Standards Editorial Staff	R		

Indicate below any unresolved problems from coordination activities.

None. "An Editorial and SCC 10 review was completed for P1802.16.1\_D2. This document meets all requirements of coordination."

## 12. PATENT/COPYRIGHT and REGISTRATION ISSUES

- A. Is there any patented material in the proposed standard? ☐ Yes ☒ No ☐ Originally indicated on the PAR, but not included in the final document  
If yes, include letters(s) of assurance from the patent holder.
- B. Is there any copyrighted material in the proposed standard? ☒ Yes ☐ No  
If yes, include copyright release(s).
- C. Is the registration of objects and/or numbers a provision of the proposed standard? If yes, include a proposal for review by the IEEE-SA Registration Authority Committee (RAC). ☐ Yes ☒ No ☐ Already approved by RAC

## 13. INTERNATIONAL STANDARDS ACTIVITIES (Not required for reaffirmation)

Is this document intended to be the basis of or included in an international standard? ☐ Yes (Explain) ☒ No

## 14. UNIT OF MEASUREMENT (check one)

- ☒ International System of Units (SI) - Metric ☐ Inch/Pound ☐ Both ☐ Not measurement sensitive
- ☐ Other \_\_\_\_\_

## 15. Source Materials Submitted to IEEE Standards Department

- A. Have electronic versions of the source documents (text and figures) been provided? ☒ Yes ☐ No Format: FrameMaker
- B. Will a diskette or other online material be required to accompany the published standard? ☒ Yes ☐ No

## 16. Submission checklist (X = included in submittal package N/A = Not applicable)

	Submission Package Item	List URL if online
X	This submittal form	
X	Ballot summary form(s) (1 per ballot cycle)	
N/A	Copies of unresolved negatives & rebuttals	
X	PAR and PAR approval letter	
N/A	Coordination comments and responses	
X	.pdf of final balloted draft #D3	
X	Permissions & copyright releases	
N/A	Delegation of balloting authority	

## Ballot Summary

P1802.16.1

Closing date: 2003-02-25

### 1. This ballot has met the 75% returned ballot requirement.

53 eligible people in this ballot group.

41 affirmative votes  
 0 negative votes with comments  
 0 negative votes without comments  
 1 abstention votes

=====

42 votes received = 79% returned  
 2% abstention

### 2. The 75% affirmation requirement is being met.

41 affirmative votes  
 0 negative votes with comments

=====

41 votes = 100% affirmative

## Ballot Details

### Coordination Responses Only

IEEE/Coord Number	Name	Role	Phone / E-mail	Coordination Ballot Received	Coordination Comment(s) Received
00601054	<a href="#">Bruce Barrow</a>	SCC14		yes	-
00001000	<a href="#">Michelle Turner</a>	SCC10		yes	yes
00001001	<a href="#">Michelle Turner</a>	Editorial		yes	yes

### Balloters

Number	Name	Phone / E-mail	Vote	T	E	Graphics	Status Notes	Interest Categor:
40189595	<a href="#">Selim Aissi</a> Intel		Approve, no comments (Y)	-	-	-		User
40250497	<a href="#">Ralph Baddour</a> University of Toronto		Abstain for lack of time (A1)	-	-	-		General Interest

40357619	<a href="#">John Barnet</a>		-	-	-		User
08805236	<a href="#">Mitchell Buchman</a> US Government		-	-	-		Governme
04503512	<a href="#">Ed Callaway</a> Motorola		Approve, no comments (Y)	-	-		General Interest
41446421	<a href="#">Dean Chang</a> Aperto Networks		Approve, no comments (Y)	-	-		Producer
40237493	<a href="#">Keith Chow</a>		Approve, no comments (Y)	-	-		General Interest
03210820	<a href="#">Todor Cooklev</a> San Francisco State University		Approve, no comments (Y)	-	-		Governme
06503270	<a href="#">Jose M. Costa</a> Nortel Networks		Approve, no comments (Y)	-	-		General Interest
07633407	<a href="#">Steven Crowley</a>		Approve, no comments (Y)	-	-		General Interest
40199311	<a href="#">Thomas Dineen</a> Dineen Consulting		Approve, no comments (Y)	-	-		Producer

41385184	<a href="#">Carl Eklund</a> Nokia		Approve, comments (Y1)	1	-	1		Producer
08518995	<a href="#">Avraham Freedman</a> Hexagon System Engineering Ltd.		Approve, no comments (Y)	-	-	-		General Interest
41348507	<a href="#">Theodore Georgantas</a> Athena Semiconductors		Approve, no comments (Y)	-	-	-		Producer
41414896	<a href="#">Andrew Germano</a> WiDeFi Corporation		-	-	-	-		Producer
07393143	<a href="#">Robert Grow</a> Intel		Approve, no comments (Y)	-	-	-		General Interest
01150382	<a href="#">José A. Gutierrez</a> Eaton Corporation		Approve, no comments (Y)	-	-	-		User
41335410	<a href="#">David Husson</a>		Approve, no comments (Y)	-	-	-		Producer
01556620	<a href="#">Hamadi Jamali</a> ITC Center		Approve, no comments (Y)	-	-	-		General Interest
03343704	<a href="#">Jacob Jorgensen</a> Malibu Networks, Inc.		Approve, no comments (Y)	-	-	-		Producer

40357068	<a href="#">STUART KERRY</a> OK -Brit		-	-	-		General Interest
05995253	<a href="#">Brian Kiernan</a> InterDigital Communications Corp.		Approve, no comments (Y)	-	-		General Interest
41304605	<a href="#">Pi-Cheng Law</a> Chughwa Telecom Labs.		Approve, no comments (Y)	-	-		User
08108896	<a href="#">Yeou-Song Lee</a> Anritsu		-	-	-		Producer
40255444	<a href="#">Christina Lim</a> The University of Melbourne		Approve, no comments (Y)	-	-		General Interest
01622778	<a href="#">Randolph Little</a> AT&T - retired		Approve, no comments (Y)	-	-		General Interest
05845615	<a href="#">Gregory Luri</a> CITY OF ST. CHARLES		Approve, no comments (Y)	-	-		User
08122103	<a href="#">Roger Marks</a> NIST		Approve, comments (Y1)	-	1	1	Governme
40219720	<a href="#">Kevin Marquess</a> Hyper Corporation		Approve, no comments (Y)	-	-		User

40183512	<a href="#">Kyle Maus</a> AITG		-	-	-		User	
40266634	<a href="#">Ingolf Meier</a>		Approve, no comments (Y)	-	-		Producer	
01271899	<a href="#">George Miao</a>		Approve, no comments (Y)	-	-		General Interest	
40223729	<a href="#">Apurva Mody</a> Georgia Tech		Approve, no comments (Y)	-	-		General Interest	
41505402	<a href="#">Rajesh Moorkath</a> State of Maryland		Approve, no comments (Y)	-	-		General Interest	
07446628	<a href="#">Michael Newman</a> CSI Telecommunications		Approve, no comments (Y)	-	-		User	
07858459	<a href="#">Paul Nikolich</a>		Approve, no comments (Y)	-	-		User	
03350758	<a href="#">Chris Osterloh</a> Itron		Approve, no comments (Y)	-	-		User	
07022429	<a href="#">Roger Pandanda</a> MCS Corporation		-	-	-		General Interest	
40300305	<a href="#">Kenneth Peirce</a>		Approve,	-	-		Producer	



	Malibu Networks		no comments (Y)					
00353235	<a href="#">Subbu Ponnuswamy</a>		Approve, no comments (Y)	-	-	-		General Interest
01453273	<a href="#">Vikram Punj</a> Meru Networks		Approve, no comments (Y)	-	-	-		General Interest
40283080	<a href="#">John Sargent</a> Wireless Facilities Inc.		-	-	-	-		User
40156964	<a href="#">Neil Shipp</a> Commsonic Ltd		-	-	-	-		General Interest
01109156	<a href="#">Gil Shultz</a>		Approve, no comments (Y)	-	-	-		User
41392686	<a href="#">Kenneth Stanwood</a> Ensemble Communications		Approve, comments (Y1)	-	1	1		Producer
40224483	<a href="#">Carl Stevenson</a> Agere Systems		Approve, no comments (Y)	-	-	-		Producer
04389243	<a href="#">Mark Sturza</a> 3C Systems Company		Approve, no comments (Y)	-	-	-		General Interest
40324312	<a href="#">Jun Tan</a>		-	-	-	-		General

	Georgia Tech							Interest
03239332	<a href="#">JOAN VIAPLANA</a> AUNA TELECOMUNICACIONES		-	-	-			General Interest
41328136	<a href="#">Lei Wang</a> Wi-LAN Inc.		Approve, comments (Y1)	1	-	1		Producer
41278416	<a href="#">Hung-yu Wei</a> Columbia Univ.		Approve, no comments (Y)	-	-	-		General Interest
05907266	<a href="#">Oren Yuen</a>		Approve, no comments (Y)	-	-	-		User
41249250	<a href="#">Nico van Waes</a> Nokia		Approve, no comments (Y)	-	-	-		Producer
<b>Comment Totals *</b>				2	2	4		
(*) You have at least these many comments: each unstructured binary file (i.e., Word) is counted as a single G file, which may consist of one or hundreds of individual T and E comments.								

**Summary of Eligible Voters by Interest Category**

Interest Category	Affirmative (s)	Negative(s) with Comments	Negative(s) without Comments	Abstention (s)	Not Returned	Total
User	10	0	0	0	3	13
Producer	12	0	0	0	2	14
General Interest	17	0	0	1	5	23
Government	2	0	0	0	1	3
<b>Voting Tally</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>11</b>	<b>53</b>

<b>Abstention details:</b>	1 for lack of time (A1)	0 for lack of expertise (A2)	0 for other reasons (A3)
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## Ballot Summary

P1802.16.1/D3 Recirculation

Closing date: 2003-04-24

This is a recirculation ballot. The report collates the results from the following groups: 0000426 0000508.

### 1. This ballot has met the 75% returned ballot requirement.

53 eligible people in this ballot group.

45 affirmative votes  
 0 negative votes with comments  
 0 negative votes without comments  
 1 abstention votes

=====

46 votes received = 86% returned  
 2% abstention

### 2. The 75% affirmation requirement is being met.

45 affirmative votes  
 0 negative votes with comments

=====

45 votes = 100% affirmative

## Ballot Details

### Coordination Responses Only

IEEE/Coord Number	Name	Role	Phone / E-mail	Coordination Ballot Received	Coordination Comment(s) Received
00601054	<a href="#">Bruce Barrow</a>	SCC14		yes	-
00001000	<a href="#">Michelle Turner</a>	SCC10		yes	yes
00001001	<a href="#">Michelle Turner</a>	Editorial		yes	yes

### Balloters

Number	Name	Phone / E-mail	Vote	T	E	Graphics	Status Notes	Interest Category
40189595	<a href="#">Selim Aissi</a> Intel		Approve, no comments (Y)*	-	-	-		User
40250497	<a href="#">Ralph Baddour</a> University of Toronto		Abstain for lack of time (A1)*	-	-	-		General Interest

40357619	<a href="#">John Barnett</a>		-	-	-			User
08805236	<a href="#">Mitchell Buchman</a> US Government		-	-	-			Governme
04503512	<a href="#">Ed Callaway</a> Motorola		Approve, no comments (Y)	-	-	-		General Interest
41446421	<a href="#">Dean Chang</a> Aperto Networks		Approve, no comments (Y)	-	-	-		Producer
40237493	<a href="#">Keith Chow</a>		Approve, no comments (Y)*	-	-	-		General Interest
03210820	<a href="#">Todor Cooklev</a> San Francisco State University		Approve, no comments (Y)	-	-	-		Governme
06503270	<a href="#">Jose M. Costa</a> Nortel Networks		Approve, no comments (Y)	-	-	-		General Interest
07633407	<a href="#">Steven Crowley</a>		Approve, no comments (Y)	-	-	-		General Interest
40199311	<a href="#">Thomas Dineen</a> Dineen Consulting		Approve, no comments (Y)	-	-	-		Producer

41385184	<a href="#">Carl Eklund</a> Nokia		Approve, comments (Y1)	1	-	1		Producer
08518995	<a href="#">Avraham Freedman</a> Hexagon System Engineering Ltd.		Approve, no comments (Y)	-	-	-		General Interest
41348507	<a href="#">Theodore Georgantas</a> Athena Semiconductors		Approve, no comments (Y)	-	-	-		Producer
41414896	<a href="#">Andrew Germano</a> WiDeFi Corporation		Approve, no comments (Y)*	-	-	-		Producer
07393143	<a href="#">Robert Grow</a> Intel		Approve, no comments (Y)	-	-	-		General Interest
01150382	<a href="#">José A. Gutierrez</a> Eaton Corporation		Approve, no comments (Y)*	-	-	-		User
41335410	<a href="#">David Husson</a>		Approve, no comments (Y)	-	-	-		Producer
01556620	<a href="#">Hamadi Jamali</a> ITC Center		Approve, no comments (Y)	-	-	-		General Interest
03343704	<a href="#">Jacob Jorgensen</a> Malibu Networks, Inc.		Approve, no comments (Y)	-	-	-		Producer

40357068	<a href="#">STUART KERRY</a> OK -Brit		Approve, no comments (Y)*	-	-	-		General Interest
05995253	<a href="#">Brian Kiernan</a> InterDigital Communications Corp.		Approve, no comments (Y)*	-	-	-		General Interest
41304605	<a href="#">Pi-Cheng Law</a> Chughwa Telecom Labs.		Approve, no comments (Y)	-	-	-		User
08108896	<a href="#">Yeou-Song Lee</a> Anritsu		-	-	-	-		Producer
40255444	<a href="#">Christina Lim</a> Photonics Research Laboratory		Approve, no comments (Y)	-	-	-		General Interest
01622778	<a href="#">Randolph Little</a> AT&T - retired		Approve, no comments (Y)	-	-	-		General Interest
05845615	<a href="#">Gregory Luri</a> CITY OF ST. CHARLES		Approve, no comments (Y)	-	-	-		User
08122103	<a href="#">Roger Marks</a> NIST		Approve, comments (Y1)	-	1	1		Governme
40219720	<a href="#">Kevin Marquess</a>		Approve,	-	-	-		User

	Hyper Corporation		no comments (Y)					
40183512	<a href="#">Kyle Maus</a> AITG		Approve, no comments (Y)*	-	-	-		User
40266634	<a href="#">Ingolf Meier</a>		Approve, no comments (Y)*	-	-	-		Producer
01271899	<a href="#">George Miao</a>		Approve, no comments (Y)	-	-	-		General Interest
40223729	<a href="#">Apurva Mody</a> Georgia Tech		Approve, no comments (Y)	-	-	-		General Interest
41505402	<a href="#">Rajesh Moorkath</a> State of Maryland		Approve, no comments (Y)*	-	-	-		General Interest
07446628	<a href="#">Michael Newman</a> CSI Telecommunications		Approve, no comments (Y)	-	-	-		User
07858459	<a href="#">Paul Nikolich</a>		Approve, no comments (Y)	-	-	-		User
03350758	<a href="#">Chris Osterloh</a> Itron		Approve, no comments (Y)	-	-	-		User
07022429	<a href="#">Roger Pandanda</a> MCS Corporation		-	-	-	-		General Interest



	94309 USA							
40300305	<a href="#">Kenneth Peirce</a> Malibu Networks		Approve, no comments (Y)	-	-	-		Producer
00353235	<a href="#">Subbu Ponnuswamy</a>		Approve, no comments (Y)	-	-	-		General Interest
01453273	<a href="#">Vikram Punj</a> Meru Networks		Approve, no comments (Y)*	-	-	-		General Interest
40283080	<a href="#">John Sargent</a> Wireless Facilities Inc.		-	-	-	-		User
40156964	<a href="#">Neil Shipp</a> Commsonic Ltd		Approve, no comments (Y)*	-	-	-		General Interest
01109156	<a href="#">Gil Shultz</a>		Approve, no comments (Y)*	-	-	-		User
41392686	<a href="#">Kenneth Stanwood</a> Ensemble Communications		Approve, no comments (Y)*	-	1	1		Producer
40224483	<a href="#">Carl Stevenson</a> Agere Systems		Approve, no comments (Y)*	-	-	-		Producer
04389243	<a href="#">Mark Sturza</a> 3C Systems Company		Approve, no comments (Y)	-	-	-		General Interest

	91436 US							
40324312	<a href="#">Jun Tan</a> Georgia Tech		-	-	-			General Interest
03239332	<a href="#">JOAN VIAPLANA</a> AUNA TELECOMUNICACIONES		-	-	-			General Interest
41328136	<a href="#">Lei Wang</a> Wi-LAN Inc.		Approve, comments (Y1)	1	-	1		Producer
41278416	<a href="#">Hung-yu Wei</a> Columbia Univ.		Approve, no comments (Y)	-	-	-		General Interest
05907266	<a href="#">Oren Yuen</a>		Approve, no comments (Y)	-	-	-		User
41249250	<a href="#">Nico van Waes</a> Nokia		Approve, no comments (Y)	-	-	-		Producer
<b>Comment Totals *</b>				2	2	4		
(*) You have at least these many comments: each unstructured binary file (i.e., Word) is counted as a single G file, which may consist of one or hundreds of individual T and E comments.								
* This ballot cast this ballot in the current circulation of this recirc ballot.								

**Summary of Eligible Voters by Interest Category**

Interest Category	Affirmative (s)	Negative(s) with Comments	Negative(s) without Comments	Abstention (s)	Not Returned	Total
User	11	0	0	0	2	13
Producer	13	0	0	0	1	14
General Interest	19	0	0	1	3	23
Government	2	0	0	0	1	3

<b>Voting Tally</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>53</b>
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<b>Abstention details:</b>	1 for lack of time (A1)	0 for lack of expertise (A2)	0 for other reasons (A3)
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# PAR FORM

08/14/02

**PAR Status:** New PAR

**PAR Approval Date:** 08/15/2002

**PAR Signature Page on File:** Yes

**Review of Standards Development Process:** No

**1. Assigned Project Number:** 1802.16.1

**2. Sponsor Date of Request:** 07/12/2002

**3. Type of Document:** Standard for

**4. Title of Document:**

**Draft:** Standard for Conformance to IEEE Standard 802.16 - Part 1: Protocol Implementation  
Conformance Statement (PICS) Proforma for 10-66 GHz WirelessMAN-SC Air Interface

**5. Life Cycle:** Full Use

**6. Type of Project:**

**6a. Is this an update to an existing PAR?** No

**6b. The project is a:** The project is a new standard

**7. Contact Information of Working Group:**

**Name of Working Group (WG):** IEEE 802.16 Working Group on Broadband Wireless Access

**Name of Working Group Chair:** Roger B Marks

**Telephone:** (303) 497-3037

**FAX:** (303) 497-3122

**Email:** r.b.marks@ieee.org

**8. Contact Information of Official Reporter (If different than Working Group Chair )**

**Name of Official Reporter:** (if different than WG Contact)

**Telephone:**

**FAX:**

**Email:**

**9. Contact Information of Sponsoring Society or Standards Coordinating Committee**

**Name of Sponsoring Society and Committee:** Computer Society/Local and Metropolitan Area Networks

**Name of Sponsoring Committee Chair:** Paul Nikolich

**Telephone:** 857-205-0050

**FAX:** 781-334-2255

**Email:** p.nikolich@ieee.org

**Name of Liaison Rep.(If different than Sponsor Chair):**

**Telephone:**

**FAX:**

**Email:**

**10. The type of ballot is:** Individual Sponsor Ballot

**Expected Date of Submission for Initial Sponsor Ballot:** 11/15/2002

**11. Fill in Projected Completion Date for Submittal to RevCom:** 5/2/2003

**Explanation for Revised PAR that completion date is being extended past the original four-year life of the PAR:**

**12. Scope of Proposed Project:**

This standard represents the Protocol Implementation Conformance Statement (PICS) Proforma, per ISO/IEC Standard 9646-7 (1995) and ITU-T X.296, for conformance specification of base stations and subscriber stations based upon the WirelessMAN-SC (10-66 GHz) air interface specified in IEEE Std 802.16.

**13. Purpose of Proposed Project:**

This document describes the capabilities and options within the WirelessMAN-SC (10-66 GHz) air interface specified in IEEE Std 802.16. It is to be completed by the supplier of a product claiming to implement the protocol. It indicates which capabilities and options have been implemented and what limitations might prevent interworking. It allows a customer of the product to evaluate its conformance and to determine whether the product meets the customer's requirements.

**14. Intellectual Property**

Sponsor has reviewed the IEEE patent policy with the working group? Yes

Sponsor is aware of copyrights relevant to this project? Yes

Sponsor is aware of trademarks relevant to this project? Yes

Sponsor is aware of possible registration of objects or numbers due to this project?No

**15. Are you aware of other standards or projects with a similar scope? No**

**Similar Scope Project Information:**

**16. Is there potential for this standard (in part or in whole) to be submitted to an international organization for review/ adoption?**

Do Not Know

**If yes, please answer the following question:**

**Which International Organization/Committee?**

**International Contact Information:**

**17. Will this project focus on Health, Safety or Environmental Issues? No**

**18. Additional Explanatory Notes:(Item Number and Explanation)**

MTT is also sponsoring this project. The standard will include access to an electronic form that will produce data transferable to another party. The standard will include permission to print completed hard copies of the form for documentation purposes.



15 August 2002

Mr. Paul Nikolich  
Broadband Access Systems  
18 Bishops Lane  
Lynnfield, MA 01940

Re: P802.16.2a Local and Metropolitan Area Networks - Amendment to  
Recommended  
Practice for Coexistence of Fixed Broadband Wireless Access  
Systems

P1802.16.1 Standard for Conformance to IEEE Standard 802.16 -  
Part 1:  
Protocol Implementation Conformance Statement (PICS)  
Proforma  
for 10-66 GHz WirelessMAN-SC Air Interface

Dear Paul:

I am pleased to inform you that on 15 August 2002 the IEEE-SA Standards Board approved the above referenced projects until December 2005 and December 2006, respectively. Copies of the files are attached in .pdf format.

Now that your projects have been approved, please forward a roster of participants involved in the development of these projects. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2f under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

Attached is an Excel spreadsheet for your convenience. Please forward these lists to me via e-mail at [j.haasz@ieee.org](mailto:j.haasz@ieee.org) no later than 1 November 2002.

At the bottom of this e-mail, please find URLs which you may find useful in the development of your proposed standard and in submitting your final draft for approval. We strongly recommend that a copy of your draft be sent to this office for review prior to the final voting by the working group to allow for a quick review by the editorial staff before sponsor balloting.

If you should have any further questions or would like to receive this information in paper, please contact me at 732-562-6367 or by email at [j.haasz@ieee.org](mailto:j.haasz@ieee.org).

Sincerely,

Jodi Haasz  
Senior Administrator  
IEEE-SA Governance and Electronic Processes



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May 1, 2003

Dr. Roger B. Marks

IEEE 802.16 Working Group on Broadband Wireless Access Standards

325 Broadway MC 813.00

Boulder, CO 80303

mailto: [r.b.marks@ieee.org](mailto:r.b.marks@ieee.org)

Dear Dr. Marks:

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A handwritten signature in cursive script, reading "MLaBrecque", written over a horizontal line.

Margaret LaBrecque

A handwritten date "May 5, 2003" written in cursive script, positioned above a horizontal line.

Date

Worldwide Interoperability for Microwave Access Forum, Inc.

President