

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

**1. PROJECT NUMBER:** P802.16m

**2. DATE:** 2011-02-04 (updt'd 3/3)

**3. TITLE:** IEEE Standard for Local and metropolitan area networks - Part 16: Air Interface for Fixed and Mobile Broad-band Wireless Access Systems ~ Advanced Air Interface

**4. SPONSOR** (Full name of society/committee): IEEE Computer Society/LSMC + IEEE MTT

**5. BALLOTING COMMITTEE:** C/LM/WG802.16 and MTT/SCC

**6. NAME OF WORKING GROUP:** IEEE 802.16 Working Group

**7. NAME AND ADDRESS OF SUBMITTER**

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**8. DESCRIPTION OF DOCUMENT** (Check one from each column.)

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> New | <input type="checkbox"/> Standard                                       | <input checked="" type="checkbox"/> Full Use (5-year life cycle) |
| <input type="checkbox"/> Revision       | <input type="checkbox"/> Recommended Practice                           | <input type="checkbox"/> Trial Use (2-year life cycle)           |
| <input type="checkbox"/> Reaffirmation  | <input type="checkbox"/> Guide  |  |
| <input type="checkbox"/> Stabilization  | <input checked="" type="checkbox"/> Amendment/Corrigenda to an existing |  |
| <input type="checkbox"/> Withdrawal     | standard (Indicate number and year) <u>802.16-2009</u>                  |  |

This document is an adoption of a non-IEEE standard.

**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.

Academic	22	General Interest	107	Government/Military	14	Producer/User	164/31
Interest Category	No.	Interest Category	No.	Interest Category	No.	Interest Category	No.

**SUMMARY OF ELIGIBLE BALLOTS**

	INITIAL BALLOT		RECIRCULATION BALLOT (if applicable)	
	Draft D6 Number	Date Closed: 2010-07-09 Percentage	Draft D12 Number	Date Closed: 2011-03-02 Percentage
Eligible Balloters	338	100%	338	100%
Ballots Returned	275	81	302	89
Affirmatives	152	58	276	97
Negatives with Comments	107	N/A	8	N/A
Negatives without Comments	0	N/A	1	N/A
Abstentions	16	5	17	5
Reasons for abstentions:	Lack of time = 8    Lack of expertise =    Conflict of Interest =    Other = 9			

**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 comments accompanying negative votes been circulated? *Include unresolved negative comments and rebuttal.*     Yes     No     No unresolved comments
- 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.

Committee/Organization	Response
SCC14 (Quantities, Units, & Letter Symbols)	NR
IEEE Standards Editorial Staff	R/C
IEEE Registration Authority Committee (RAC)	NR

Indicate below any unresolved problems from coordination activities.

none

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**12. PATENT/COPYRIGHT and REGISTRATION ISSUES**

- A. Any patent letters of assurance (LoAs) received by the Sponsor are to be forwarded to the PatCom Administrator [Fax: + 1 732 875 0524].
- B. Is there any copyrighted material in the proposed standard?       Yes    No  
If yes, include copyright release(s).
- C. Did the PAR indicate possible registration activity related       Yes    No  
to this project, did the IEEE Registration Authority  
Committee (RAC) request coordination, or is the registration  
of objects and/or numbers included in the proposed standard?

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**13. COOPERATIVE STANDARDS ACTIVITIES (Not required for reaffirmation)**

IEEE has various agreements with other organizations. These agreements may include an expedited adoption process and may allow for the joint development and publication of standards.

Examples of commonly-used agreements are:

- ISO/IEEE PSDO Cooperation Agreement
- IEC/IEEE Dual Logo Agreement

A. If any of the following statements apply, please check the box accordingly:

- It is intended to submit this standard for fast-track adoption.
- This standard was jointly developed with another organization.
- This standard is a revision to a standard previously adopted by another organization.
- This standard will form a basis of, or be included in, another organization's standard.

B. For the boxes checked above, please indicate the organization, technical committee name/number and contact information.

Organization:       ISO    IEC    ISO/IEC/JTC1    ITU    Other

Name of the organization, if Other:      ITU-R

Technical Committee/Subcommittee Number:      Working Party 5D

Technical Committee/Subcommittee Name:      IMT Systems

Contact Information for the Person Responsible for Coordinating this Project:

Name:      Roger Marks  
Phone Number:      1 619 393 1913  
Email Address:      r.b.marks@ieee.org

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**14. UNIT OF MEASUREMENT (check one)**

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

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**15. Source Materials Submitted to IEEE Standards Department**

- A. Have electronic versions of the source documents (text and figures)       Yes    No      Format: \_\_\_\_\_  
been provided?
- B. Will a diskette or other online material be required to accompany the       Yes    No  
published standard?
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DATE: 2011-02-04

*This draft standard has been developed in accordance with the policies and procedures of the Sponsor and I am authorized by those policies and procedures to make this submittal.*

Roger B. Marks

Chair, IEEE 802.16 Working Group

Signature of Submitter

Title (role in Sponsor)

**Return to:**

IEEE Standards Association  
RevCom Secretary  
445 Hoes Lane  
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