
Title	<i>Potential Narrowband PAR Text</i>	
Date Submitted	2015-03-12	
Source(s)	Roger B. Marks EthAirNet Associates 4040 Montview Blvd Denver, CO 80207 USA	Voice: +1 802 capable E-mail: roger@ethair.net * http://standards.ieee.org/faqs/affiliationFAQ.html
Re:	Narrowband Ad Hoc	
Abstract	This document proposes text for a possible PAR on an amendment to IEEE Std 802.16 for Narrowband Operation.	
Purpose	This contribution is submitted for review at the IEEE 802.16 Closing Plenary of 12 March 2015 and as a possible basis for further development of a PAR and CSD within the Narrowband Ad Hoc.	
Notice	<i>This document represents only the views of the participants listed in the "Source(s)" field above. It is offered as a basis for discussion. It is not binding on the contributor(s), who reserve(s) the right to add, amend or withdraw material contained herein.</i>	
Copyright Policy	The contributor is familiar with the IEEE-SA Copyright Policy http://standards.ieee.org/IPR/copyrightpolicy.html .	
Patent Policy	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 .	

P802.16s

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

Type of Project: Amendment to IEEE Standard 802.16-2012

PAR Request Date: 11-Mar-2015

PAR Approval Date:

PAR Expiration Date:

Status: Unapproved PAR, PAR for an Amendment to an existing IEEE Standard

1.1 Project Number: P802.16[tbd]

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Air Interface for Broadband Wireless Access Systems Amendment for Narrowband Operation

3.1 Working Group: Broadband Wireless Access Working Group (C/LM/WG802.16)

Contact Information for Working Group Chair

Name: Roger Marks

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

Phone: 1 802 capable

Contact Information for Working Group Vice-Chair

Name: Harry Bims

Email Address: harrybims@me.com

Phone: 650-283-4174

3.2 Sponsoring Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee (C/LM)

Contact Information for Sponsor Chair

Name: Paul Nikolich

Email Address: p.nikolich@ieee.org

Phone: 857.205.0050

Contact Information for Standards Representative

Name: James Gilb

Email Address: gilb@ieee.org

Phone: 858-229-4822

3.3 Joint Sponsor: IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee (MTT/SCC)

Contact Information for Sponsor Chair

Name: Michael Janezic

Email Address: janezic@boulder.nist.gov

Phone: 303-497-3656

Contact Information for Standards Representative

Name: Michael Janezic

Email Address: janezic@boulder.nist.gov

Phone: 303-497-3656

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 03/2016

4.3 Projected Completion Date for Submittal to RevCom: 08/2016

5.1 Approximate number of people expected to be actively involved in the development of this project: 10

5.2.a. Scope of the complete standard: This standard specifies the air interface, including the medium access control layer (MAC) and physical layer (PHY), of combined fixed and mobile point-to-multipoint broadband wireless access (BWA) systems providing multiple services. The MAC is structured to support the WirelessMAN-SC, WirelessMAN-OFDM, and WirelessMAN-OFDMA PHY specifications, each suited to a particular operational environment.

5.2.b. Scope of the project: The project will specify parameters for WirelessMAN operation in channels narrower than 1.25 MHz.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: This standard enables rapid worldwide deployment of innovative, cost-effective, and interoperable multivendor broadband wireless access products, facilitates competition in broadband access by providing alternatives to wireline broadband access, encourages consistent worldwide spectrum allocation, and accelerates the commercialization of broadband wireless access systems.

5.5 Need for the Project: The current standard does not specify operation in bands smaller than 1.25 MHz. Some smaller channels are available. A minor amendment to the standard would provide an interoperable extension.

5.6 Stakeholders for the Standard: Electric power utilities, aviation, oil and gas exploration companies, suppliers of private network infrastructure, WiMAX Forum WiGRID participants, manufacturers of IEEE 802.16 chipsets and other components

Intellectual Property

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes (Item Number and Explanation):