

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Plan to Update 802.16 PARs	
Date Submitted	2000-11-02	
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Re:	IEEE 802.16.1-99/00, 802.16.2-99/00, 802.16.3-00/00r1, and 802.16h-00/13r1	
Abstract	This document proposes changes to the numbers and titles of 802.16's PARs to reflect the Working Group's integrated portfolio of projects.	
Purpose	For approval at 802.16 Session #10.	
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Plan to Update 802.16 PARs

Roger Marks, Brian Kiernan, and Andy McGregor

Abstract

This document proposes changes to the numbers and titles of 802.16's PARs to reflect the Working Group's integrated portfolio of projects.

Introduction

IEEE 802.16 currently has three active Project Authorization Requests (PARs) and is proposing a fourth. As the existing PARs were developed, the Working Group did not fully foresee future projects and their implications. As a result, the existing PARs are not fully aligned with the current plans of the Working Group. We believe that this is an appropriate time to consider 802.16's portfolio of PARs and update them accordingly.

Philosophy

The basic intent is to bring all of the air interface projects into a single standard, to be numbered simply "802.16". Each additional air interface specification would be developed as an amendment (which IEEE formerly called a "supplement"). According to the IEEE definition, amendments are "additions to existing standards and may contain substantive corrections and/or errata to the standard." Each Amendment could add a physical layer and make changes to the MAC to support it. These Amendments would be labeled "802.16a" and "802.16b" and would be published as separate documents. This is the model followed by other 802 Working Groups (for example, 802.11a and 802.11b are amendments to 802.11). At some point, we would consolidate all of these into a revised 802.16 standard that would include all of the material in one document (like, for example, the 802.3 standard that includes the Ethernet MAC plus all of the PHYs).

One problem with this numbering scheme is that the 802.16.2 project number does not fit in. Since this document is a Recommended Practice rather than a Standard, we suggest the number "802.16RP"; the "RP" stands for "Recommended Practice". This would assist the user in identifying the distinction from the 802.16 Standard. A future extension of "802.16RP" to lower frequencies could be an amendment numbered "802.16RPa".

Title Simplification

The current PAR titles include some prefix material that was intended to reflect 802 convention but did so erroneously. Some of the conventional 802 prefix material arose out of the need to incorporate the 802 standards as ISO/IEC standards. Since 802.16 is not looking to ISO/IEC for internationalization, much of the prefix material is superfluous and distracting.

Proposed Changes

802.16.1

Assigned Project Number: ~~802.16.1~~ 802.16

Title: ~~Telecommunications and Information Exchange Between Systems—LAN/MAN Specific Requirements—~~
Local and metropolitan area networks - Part 16: Standard Air Interface for Fixed Broadband Wireless Access
Systems

802.16.2

Assigned Project Number ~~802.16.2~~ 802.16RP

Title: ~~Telecommunications and Information Exchange Between Systems—LAN/MAN Specific Requirements—~~
Local and metropolitan area networks – Recommended Practice for Coexistence of Fixed Broadband Wireless
Access Systems

802.16.3

Assigned Project Number: ~~802.16.3~~ 802.16a

~~Document type and title:~~

Title: ~~Telecommunications and Information Exchange Between Systems—LAN/MAN Specific Requirements—~~
~~Air Interface for Fixed Broadband Wireless Access Systems in Licensed Bands from 2 to 11 GHz~~ Local and
metropolitan area networks – Amendment to Standard Air Interface for Fixed Broadband Wireless Access
Systems – Media Access Control Modifications and Additional Physical Layer for 2-11 GHz

Choose one from the following:

- * New Standard
 - * Revision of existing standard {number and year}
 - * Amendment (Supplement) to an existing standard {number and year}
 - * Corrigenda to an existing standard {number and year}
-

WirelessHUMAN

Assigned Project Number: ~~802.16.1b~~ 802.16b

Title: ~~Telecommunications and Information Exchange Between Systems—LAN/MAN Specific Requirements—~~
~~Air Interface for Fixed Broadband Wireless Access Systems including License Exempt Frequencies~~
Local and metropolitan area networks – Amendment to Standard Air Interface for Fixed Broadband Wireless
Access Systems – Media Access Control Modifications and Additional Physical Layer for License-Exempt
Frequencies