

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Draft PAR for IEEE 802.16 Project on License-Exempt Coexistence</b>	
Date Submitted	<b>2004-08-11</b>	
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Re:	Call for Contributions, IEEE 802.16's Study Group on License-Exempt Coexistence, 2004-06-07, IEEE 802.16le-04/01r1	
Abstract	Provides content to the main fields in the "New PAR Form"	
Purpose	Base for starting the PAR approval process	
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# Draft PAR for IEEE 802.16 Project on License-Exempt Coexistence

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## Introduction

In this submission are addressed only the significant fields from the draft PAR. Inserted text is marked with italic characters.

## Proposal

2. **SPONSOR DATE OF REQUEST** Day:    Month: *12*    Year: *2004*

3. **TYPE OF DOCUMENT** (Please check one.)

- Standard for** {document stressing the verb "shall"}
- Recommended Practice for** {document stressing the verb "should"}
- Guide for** {document in which good practices are suggested, stressing the verb "may"}

4. **TITLE OF DOCUMENT**

*Amendment to IEEE Standard for Local and Metropolitan Area Networks -  
Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems - Amendment to Physical and  
Medium Access Control Layers and Spectrum Sharing Rules for Improved Coexistence in License-Exempt  
Bands.*

5. **LIFE CYCLE**

- Full-Use**
- Trial-Use**

6. **TYPE OF PROJECT**

- New document
- Revision of an existing document (indicate number and year existing document was published in box to the right):

(

Amendment to an existing document (indicate number and year existing document was published in box to the right):

***IEEE 802.16-2004***

Corrigendum to an existing document (indicate number and year existing document was published in box to the right):

## 7. WORKING GROUP INFORMATION:

Name of Working Group: *IEEE 802.16*

Approximate Number of Expected Working Group Members: *200*

## 11. SPONSOR BALLOTING INFORMATION (Please choose one of the following):

Individual Balloting

Entity Balloting

Mixed Balloting (combination of Individual and Entity Balloting)

Expected Date of Submission for Initial Sponsor Ballot: Day: Month: *10* Year: *2006*

## 13. SCOPE OF PROPOSED PROJECT

Please detail the projected output including technical boundaries. Please be brief (less than 5 lines).

*This amendment enhances IEEE Standard 802.16-2004 by providing additional specifications required to support coexistence between IEEE 802.16 systems and optimal spectrum use in license-exempt bands.*

Is the completion of this document contingent upon the completion of another document?

Yes (with detailed explanation below)  No

## 14. PURPOSE OF PROPOSED PROJECT

Please clearly and concisely define "why" the document is being done. Please be brief (less than 5 lines).

*This standard will allow more efficient use of the license-exempt (LE) bands for broadband Internet access in under-served areas and will increase the market for broadband wireless access solutions. It will support services for both enterprise and consumer markets.*

**14a. Please give the specific reason for the standardization project, with particular emphasis on the problem being solved, the benefit to be received and target users or industries.**

*In LE conditions, the interference is high and changes dynamically. Higher immunity to interference combined with avoiding creating and receiving interference is required. The increased use of the LE spectrum will increase the interference problems. This standard will create better coexistence in LE bands. The target users are rural ISPs, service providers and consumers.*