

---

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >		
Title	<b>Below 11 GHz Broadband Wireless Access Systems PAR</b>		
Date Submitted	<b>2000-02-28</b>		
Source	Jose Costa and Muya Wachira Nortel Networks 100 Constellation Cr. P.O. Box 3511 Station C, Ottawa, ON K1Y 4H7 Canada	Voice: 613-763-7574/ 613-765-7284 Fax: 613-765-5598 <a href="mailto:costa@nortelnetworks.com">mailto:costa@nortelnetworks.com</a> <a href="mailto:muya@nortelnetworks.com">mailto:muya@nortelnetworks.com</a>	
Re:	IEEE 802.16.3 PAR “Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements – Air Interface for Fixed Broadband Wireless Access Systems Operating Below 11 GHz”		
Abstract	It is proposed to modify the draft PAR to make it more specific.		
Purpose	Focus the work of IEEE 802.16.3 to enable earlier completion of the standard.		
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.		
Release	The contributor acknowledges and accepts that this contribution may be made public by 802.16.		
IEEE Patent Policy	The contributor is familiar with the IEEE Patent Policy, which is set forth in the IEEE-SA Standards Board Bylaws < <a href="http://ieee802.org/16/ipr/patents/bylaws.html">http://ieee802.org/16/ipr/patents/bylaws.html</a> > and includes the statement:  “IEEE standards may include the known use of patent(s), including patent applications, if there is technical justification in the opinion of the standards-developing committee and provided the IEEE receives assurance from the patent holder that it will license applicants under reasonable terms and conditions for the purpose of implementing the standard.”  See < <a href="http://ieee802.org/16/ipr">http://ieee802.org/16/ipr</a> > for details.		

---

## Scope of PAR 802.16.3

*Jose Costa and Muya Wachira*

*Nortel Networks*

### Introduction

The PAR 802.16.3 “Air Interface for Fixed Broadband Wireless Access Systems Operating Below 11 GHz” fulfills an urgent need by the market to enable the Internet Universal Access requirements in the United States of America and most other parts of the world.

However, different points of view have also been expressed indicating that no clear market is being addressed by the PAR.

In order to focus the work and achieve useful results the standard must support carrier-grade services in licensed bands. This will enable the rapid deployment of innovative, cost-effective, and interoperable multi-vendor broadband wireless access products, which is precisely the purpose of the proposed project.

The approach for standardization in unlicensed bands is quite different (e.g., transmission etiquette) and other working groups, such IEEE 802.11, are already addressing standards for unlicensed bands.

### Proposal

Amend the second sentence in the Scope of the Proposed Project (Section 6) as follows:

The specification enables [carrier-grade](#) transport of data, video, and voice services [in licensed bands](#).

-----