

## IEEE 802.16 Working Group on Broadband Wireless Access

<http://wirelessman.org>



Dr. Roger B Marks  
NIST  
325 Broadway, MC 813.00  
Boulder, CO 80303 USA  
Tel: +1 303 497 3037  
Fax: +1 303 497 7828  
<mailto:marks@nist.gov>  
18 October 2000

Mr. Dale N. Hatfield  
Chief, Office of Engineering and Technology  
Federal Communications Commission  
455 12<sup>th</sup> Street S.W.  
Washington, D.C. 20554  
<mailto:dhatfiel@fcc.gov>

Dear Mr. Hatfield:

Since early 1999, the IEEE 802.16 Working Group on Broadband Wireless Access has been developing consensus standards for fixed broadband wireless access systems. Meeting for a week at least six times a year, 802.16 has built up a membership of 108, with 56 official observers; these participants, all of whom have attended meetings, are from nine countries. In addition, hundreds of other people participate less actively in meetings or follow our progress electronically.

At this time, two major documents are emerging from the process and are in review:

\* The **802.16.1 Air Interface for Fixed Broadband Wireless Access Systems** (10-66 GHz) is in the process of Working Group Review. The item under review is Document IEEE 802.16.1-00/01r4 <[http://iee802.org/16/tg1/docs/802161-00\\_01r4.pdf](http://iee802.org/16/tg1/docs/802161-00_01r4.pdf)>. This document has been quite popular; two earlier versions have been downloaded over 20,000 times from the Internet. The Call for Comments, with instructions on how to participate, is available as <[http://iee802.org/16/tg1/docs/802161-00\\_05r1.pdf](http://iee802.org/16/tg1/docs/802161-00_05r1.pdf)>. The comment deadline is 30 October.

\* The **802.16.2 Recommended Practice on Coexistence of Broadband Wireless Access Systems** is undergoing a Final Task Group Review. The document under review is IEEE 802.16.2-00/01r9 <[http://iee802.org/16/coexistence/docs/802162-00\\_01r9.pdf](http://iee802.org/16/coexistence/docs/802162-00_01r9.pdf)>. The Call for Comments <[http://iee802.org/16/coexistence/docs/802162-00\\_07.pdf](http://iee802.org/16/coexistence/docs/802162-00_07.pdf)> provides detailed instructions for formal comment submission. If you care to submit informal comments, please send them to 802.16.1 Task Group Co-Chair Andy McGregor <<mailto:mgregor@nortelnetworks.com>> with a copy to me. The comment deadline is 1 November.

In order to obtain the widest applicability of IEEE 802.16's work, I welcome your input and advice. I have enclosed copies of both documents for your review.

802.16's Session #10 will take place in Tampa, Florida on 6-9 November. Any comments received by the deadline will be addressed at that time. At the end of that session, we expect to approve the initiation of Working Group Letter Ballots on both documents. We optimistically hope to conclude that process by the end of our Session #11 in January. The resulting Draft Standards will then be subject to a broader Sponsor Ballot prior to finalization by the IEEE Standards Association.

Please note that our 802.16.3 project to develop an air interface useful in licensed bands from 2-11 GHz is in an earlier stage. Proposals for physical layers are currently being sought <[http://ieee802.org/16/sub11/docs/802163-00\\_14.pdf](http://ieee802.org/16/sub11/docs/802163-00_14.pdf)>.

Sincerely,

Dr. Roger B. Marks  
Chair, IEEE 802.16 Working Group on Broadband Wireless Access

cc: Jim Carlo, Chair, IEEE 802 LAN/MAN Standards Committee