

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b>	
Title	<b>Recommendations of IEEE 802.16 Working Group Study Group on Air Interfaces for Frequencies Below 10 GHz (Sub10)</b>	
Date	<b>2000-03-08</b>	
Source	<b>Sub10 Working Group Study Group</b> Chair - Brian G. Kiernan InterDigital Communications Corp. 781 Third Ave. King of Prussia, PA 19406	Voice: (610) 8787-5637 Fax: (610) 878-7842 E-mail: <a href="mailto:brian.kiernan@interdigital.com">brian.kiernan@interdigital.com</a>
Re:	IEEE P802.16 Broadband Wireless Access Project Authorization Request (sub10 GHz)	
Abstract	In November 1999 IEEE 802.16 formed a Study Group to investigate establishing air interface specifications for Broadband Wireless Access at frequencies below 10 GHz. The Study Group was to study the question and then prepare a set of recommendations and a PAR for the Working Group, if appropriate. The Study Group met during the January and March 2000 meetings, agreed standardization was appropriate and generated the attached Recommendations for Working Group approval.	
Purpose	To submit a set of Recommendations to the Working Group for review and action as requested regarding a draft PAR for an Air Interface Standard for Fixed Broadband Wireless Access Systems in Licensed Bands from 2 to 11 GHz.	
Notice	This document has been prepared to assist the 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://standards.ieee.org/guides/bylaws">http://standards.ieee.org/guides/bylaws</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."	

## **Recommendations of Sub10 Study Group to the IEEE 802.16 Working Group on Broadband Wireless Access (March 2000)**

1. That the IEEE 802.16 Working Group establish air interface specifications for fixed point to multi-point Broadband Wireless Access systems operating in frequency bands as specified in the proposed PAR (802.16sub10-00/02r4).
2. That the PAR described in contribution 802.16sub10-00/02r4 and associated Five Criteria described in 802.16sub10-00/03r4 be accepted and forwarded to the IEEE 802 Executive Committee.
3. That the liaison letter described in 802.16sub10-00/10 responding to Working Groups 802.11 and 802.15 comments on the 802.16.3 PAR be approved.
4. That, if the PAR is rejected at the March 2000 ExCom meeting, the 802.16 sub10 Study Group remain in existence until the July 2000 closing Plenary meeting to address objections and to continue development of a Functional Requirements Document.
5. That 802.16 continue to investigate an air interface specification for public network access in license exempt bands via a study group.