

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Proposed Editorial Update to 802.16k PAR Proposal</b>	
Date Submitted	<b>2006-03-02</b>	
Source(s)	Roger B. Marks Chair, IEEE 802.16 WG	Voice: +1 303 497 7837 <a href="mailto:r.b.marks@ieee.org">mailto:r.b.marks@ieee.org</a>
Re:	IEEE 802.16-06/010 (Call for Contributions on <i>Prospective</i> Project 802.16k)	
Abstract	<p>A proposal for a new P802.16k PAR arose out of the 802.16 Working Group's January interim session &lt;<a href="http://ieee802.org/16/docs/06/80216-06_003.pdf">http://ieee802.org/16/docs/06/80216-06_003.pdf</a>&gt;. The proposal is for an amendment to 802.1D on 802.16 Bridging. The WG Chair submitted this PAR to the IEEE 802 EC for review at the March 2006 802 Plenary.</p> <p>Later, the WG Chair submitted a version of the PAR by the deadline required for consideration at the next NesCom meeting of 29 March. This contribution represents that submittal. The version submitted is not identical to that submitted to the IEEE 802 EC, primarily because the nature of the PAR submittal form has changed.</p>	
Purpose	The contributor suggests that the WG take this document as the new baseline PAR for discussion.	
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 grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.	
Patent Policy and Procedures	<p>The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures (Version 1.0) &lt;<a href="http://ieee802.org/16/ipr/patents/policy.html">http://ieee802.org/16/ipr/patents/policy.html</a>&gt;, including 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."</p> <p>Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair &lt;<a href="mailto:r.b.marks@ieee.org">mailto:r.b.marks@ieee.org</a>&gt; as early as possible, in written or electronic form, of any patents (granted or under application) that may cover technology that is under consideration by or has been approved by IEEE 802.16. The Chair will disclose this notification via the IEEE 802.16 web site &lt;<a href="http://ieee802.org/16/ipr/patents/notices">http://ieee802.org/16/ipr/patents/notices</a>&gt;.</p>	

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**1. ASSIGNED PROJECT NUMBER:** 802.16k

**2. SPONSOR DATE OF REQUEST:** 7-Feb-2006

**3. TYPE OF DOCUMENT:** Standard

**4. TITLE OF DOCUMENT:** Standard for Local and Metropolitan Area Networks: Media Access Control (MAC) Bridges - Bridging of 802.16

**5. LIFE CYCLE:** Full-Use

**6. TYPE OF PROJECT:** Amendment 802.1D

Modified PAR?

In Ballot? No

#### **7. WORKING GROUP INFORMATION**

Name of Working Group: IEEE 802.16 Working Group on Broadband Wireless Access

Approximate Number of Expected Working Group Members: 300

#### **8. CONTACT INFO FOR WORKING GROUP CHAIR**

Name of Working Group Chair: Roger Marks

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#### **9. CONTACT INFO OF CO-CHAIR/OFFICIAL REPORTER**

Name of Co-Chair/Official Reporter:

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#### **10. CONTACT INFO OF SPONSOR**

Sponsor: C/LM

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#### **CO-SPONSOR INFORMATION (THIS IS BEING SPONSORED BY TWO SPONSORS):**

Cosponsor: MTT/SCC

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#### **11. TYPE OF SPONSOR BALLOT:** Individual

Expected Date of Submission for Initial Sponsor Ballot: Nov-2006

**12. PROJECTED COMPLETION DATE FOR SUBMITTAL TO REVCOM:** Mar-2007

**13. SCOPE:** The scope of this project is limited to amending 802.1D to support Bridging of the IEEE 802.16 MAC. This involves: (a) Adding one subclause to Clause 6 of 802.1D describing the service interface mapping between the Internal Sublayer Service and the 802.16 MAC service; (b) minor changes elsewhere in the document as needed to accommodate support of the additional MAC, including priority mapping in Clause 7 and the PICS Proforma in Annex A.

Completion of this document contingent upon another document? No

**14. PURPOSE:** The purpose is to amend the 802.1D transparent bridge standard in recognition of the 802.16 Media Access Control (MAC).

**15. REASON:** IEEE 802 MACs operate as part of an IEEE 802 bridged network. This amendment will normalize this compatibility and ensure that 802.16 can be deployed by enterprises and service providers in the bridged network market.

**16. INTELLECTUAL PROPERTY:**

IEEE-SA Policy on Intellectual Property Presented: Yes 9-Jan-2006  
Copyrights: No  
Trademarks: No  
Registration of Object: No

**17. SIMILAR SCOPE:** No

**18. FUTURE ADOPTION:** No

**19. Health, Safety or Environmental Issues:** No

Explanation:

**20. SPONSOR INFORMATION:**

- a. Is the scope of this project within the approved scope/definition of the Sponsor's Charter?  
Yes  
Explanation:
- b. Sponsor's procedures accepted by AudCom: Yes

**21. ADDITIONAL NOTES:**

**I acknowledge having read and understood the IEEE Code of Ethics I agree to conduct myself in a manner which adheres to the IEEE Code of Ethics when engaged in official IEEE business.**

**REVIEWED & SUBMIT**

The PAR Copyright Release and Signature Page must be submitted either by FAX to 732-875-0695 or as e-mail attachment in .pdf format to the NesCom Administrator before this PAR will be sent on for NesCom and Standards Board approval.