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22 March 2007

Paul Nikolich  
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Re: P802.16 - Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Broadband Wireless Access Systems

Dear Paul:

I am pleased to inform you that on 22 March 2007 the IEEE-SA Standards Board approved the above referenced project until 31 December 2011. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/802-16.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at [s.hampton@ieee.org](mailto:s.hampton@ieee.org) no later than 20 June 2007.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at +1 732 562 6003 or by email at [s.hampton@ieee.org](mailto:s.hampton@ieee.org).

Sincerely,

Sherry Hampton  
Administrator, Governance  
Standards Activities  
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<b>PAR Request Date:</b> 09 February 2007	
<b>PAR Approval Date:</b> 22 March 2007	
<b>PAR Signature Page on File:</b> Yes	
<b>Type of PAR:</b> Revision to IEEE Standard	
<b>Status:</b> Revision to an Existing IEEE Std 802.16-2004	
<b>Root Project:</b>	
<b>1.1 Project No.:</b> <b>802.16</b>	
<b>1.2 Type of Document:</b> Standard	
<b>1.3 Life Cycle:</b> Full-Use	
<b>1.4 Is this document in ballot now?</b> No	
<b>2.1 Title</b> Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Broadband Wireless Access Systems	
<b>3.1 Working Group Name</b>	<a href="#">Broadband Wireless Access Working Group</a>
<b>Working Group Chair</b>	<a href="#">Marks, Roger B</a> Phone: 1-303-725-4626 Email: r.b.marks@ieee.org
<b>Working Group Vice Chair</b>	
<b>3.2 Sponsor</b>	<a href="#">IEEE Computer Society Local and Metropolitan Area Networks (C/LM)</a>
<b>Sponsor Chair</b>	<a href="#">Nikolich, Paul</a> Phone: 857-205-0050 Email: p.nikolich@ieee.org
<b>Name of Standards Liaison Representative (if applicable)</b>	
<b>3.3 Joint Sponsor</b>	<a href="#">IEEE Microwave Theory and Techniques Society Standards Coordinating Committee (MTT/SCC)</a> <a href="#">Snyder, Richard</a> Phone: (201) 492-1207 Email: r.snyder@ieee.org
<b>4.1 Type of Ballot:</b> Individual	
<b>4.2 Expected Date of Submission for Initial Sponsor Ballot:</b> November 2007	
<b>4.3 Projected Completion Date for Submittal to RevCom:</b> March 2008	
<b>5.1 Approximate number of people expected to work on this project:</b> 300	
<b>5.2 Scope:</b> This standard specifies the air interface, including the medium access control layer (MAC) and physical layer (PHY), of combined fixed and mobile point-to-multipoint broadband wireless access (BWA) systems providing multiple services. The MAC is structured to support multiple PHY specifications, each suited to a particular operational environment.	<b>Old Scope:</b> This revised standard specifies the air interface, including the medium access control layer and multiple physical layer specifications, of fixed BWA systems supporting multiple services. It consolidates IEEE Standards 802.16, 802.16a, and 802.16c, retaining all modes and major features without adding modes. Content is added or revised to improve performance, ease deployment, or replace incorrect, ambiguous, or incomplete material, including system profiles.
<b>5.3 Is the completion of this document contingent upon the completion of another document?</b> No	

**5.4 Purpose:** This standard enables rapid worldwide deployment of innovative, cost-effective, and interoperable multivendor broadband wireless access products, facilitates competition in broadband access by providing alternatives to wireline broadband access, encourages consistent worldwide spectrum allocations, and accelerates the commercialization of broadband wireless access systems.

**Old Purpose:** This standard enables rapid worldwide deployment of innovative, cost-effective, and interoperable multivendor BWA products, facilitates competition in broadband access by providing alternatives to wireline broadband access, encourages consistent worldwide spectrum allocations, and accelerates the commercialization of BWA systems.

**5.5 Need for the Project:** Revision of the standard is required due to the number of outstanding amendments and the identification, during the course of the P802.16-2004/Cor2 project, of a number of maintenance issues.

**5.6 Stakeholders for the Standard:** Vendors developing IEEE 802.16 products and carriers using IEEE 802.16 products.

**6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes** Presented Date: 2007-01-15

If no, please explain:

**6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No**

If yes, please explain:

**6.1.c. Is the Sponsor aware of possible registration activity related to this project? Yes**

If yes, please explain: The revision is expected to include language previously reviewed by the IEEE Registration Authority Committee regarding assignment of the IEEE 802.16 Operator ID.

**7.1 Are there other standards or projects with a similar scope? No**

If yes, please explain:

**Sponsor Organization:**

**Project/Standard Number:**

**Project/Standard Date:** 0000-00-00

**Project/Standard Title:**

**7.2 Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? ? Yes**

**Technical Committee Name and Number:** ITU

**Contact person:** [José M Costa](#)

**Contact person Phone Number:** 1-613-763-7574

**Contact person Email Address:** costa@nortel.com

**7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No**

**7.4 Additional Explanatory Notes:**

(5.2) The revision will consolidate IEEE Standards 802.16-2004, 802.16e-2005, 802.16-2004/Cor1-2005, and 802.16f-2005 (and possibly 802.16g and 802.16i, if completed in time) incorporating the P802.16-2004/Cor2 draft. No new functionality will be added.

**8.1 Sponsor Information:**

Is the Scope of this project within the approved scope/definition of the Sponsor's Charter? Yes

If no, please explain: