

<b>Draft PAR Confirmation Number:</b>
<b>Submittal Email:</b> joanne@arraycomm.com
<b>Type of Project:</b> PAR for a New Standard
<b>1.1 Project Number:</b> <to be assigned>
<b>1.2 Type of Document:</b> Standard
<b>1.3 Life Cycle:</b> Full Use
<b>1.4 Is this project in ballot now?</b> No
<b>2.1 Title of Standard:</b> Minimum Performance Specifications for IEEE 802.20 Systems
<b>3.1 Name of Working Group:</b> Mobile Broadband Wireless Access (MBWA) Working Group:
<b>Contact information for Working Group Chair</b> Arnold M Greenspan Email: a.greenspan@ieee.org Phone: 561-638-7328
<b>Contact Information for Working Group Vice Chair</b> Email: Phone:
<b>3.2 Sponsoring Society and Committee:</b> IEEE Computer Society/Local and Metropolitan Area Networks (C/LM)
<b>Contact information for Sponsor Chair:</b> Paul Nikolich Email: p.nikolich@ieee.org Phone: 857-205-0050
<b>Contact information for Standards Representative:</b> Email: Phone:
<b>3.3 Joint Sponsor:</b> / () <b>Contact information for Sponsor Chair:</b> Email: Phone: <b>Contact information for Standards Representative:</b> Email: Phone
<b>4.1 Type of Ballot:</b> Individual

<b>4.2 Expected Date of Submission for Initial Sponsor Ballot: July 2008</b>
<b>4.3 Projected Completion Date for Submittal to RevCom: December 2008</b>
<b>5.1 Approximate number of people expected to work on this project: 150</b>
<b>5.2 Scope of Proposed Standard:</b> This standard details definitions, method of measurements and minimum performance characteristics for IEEE 802.20 MBWA terminals and base stations. Test methods are recommended in this document; however, methods other than those recommended may suffice for the same purpose. All the terminal performance metrics in this standard are meant for non-receive diversity 802.20 terminals, i.e. for terminals with one receive antenna. For testing of 802.20 terminals with receive diversity, i.e. with more than one receive antenna, the 802.20 terminal shall be configured so that just one receive chain is used for demodulation.
<b>5.3 Is the completion of this standard is dependent upon the completion of another standard: Yes</b> <b>If yes, please explain:</b> This standard cannot be completed prior to the completion of the IEEE 802.20 MBWA standard.
<b>5.4 Purpose of Proposed Standard:</b> The purpose of this standard is to ensure that 1) an IEEE 802.20 terminal compliant with any of the modes of operation in the 802.20 standard can obtain service in any system that meets the compatibility requirements for that same mode of the IEEE 802.20 MBWA standard; and 2) that any base station compliant with any of the modes of operation of the 802.20 standard can provide service in any system that meets the compatibility requirements for that same mode of the IEEE 802.20 MBWA standard. Compatibility, as used in the connection with this standard is understood to mean that 1) any 802.20- terminal supporting a given mode of operation can receive service in an 802.20- network supporting the same mode of operation; and 2) that any 802.20- base station supporting a given mode of operation is able to provide service to any 802.20- terminal supporting the same mode of operation.
<b>5.5 Need for the Project:</b> This standard is needed so that independent equipment suppliers can provide compatible 802.20 compliant terminals and/or base stations that can be used in all 802.20 compliant networks all supporting the same mode of operation.
<b>5.6 Stakeholders for the Standard:</b> 802.20 equipment suppliers and service providers
<b>Intellectual Property</b> <b>6.1.a.</b> 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? If yes, state date: January 15, 2007 If no, please explain:  <b>6.1.b.</b> Is the Sponsor aware of any copyright permissions needed for this project? If yes, please explain: No

**6.1.c.** Is the Sponsor aware of possible registration activity related to this project? No  
If yes, please explain:

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

If yes, please explain:

**and answer the following:** Sponsor Organization:

Project/Standard Number:

Project/Standard Date:

Project/Standard Title:

**7.2 Future Adoptions**

**Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization?** No.

If Yes, the following questions must be answered:

Technical Committee Name and Number:

**Other Organization Contact Information:**

**Contact person:**

**Contact Email address:**

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

If yes, please explain:

**7.4 Additional Explanatory Notes: (Item Number and Explanation)**

None.

**8.1 Sponsor Information:**

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

If no, please explain: Yes

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Contact the [NesCom Administrator](#)