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12 September 2003

Paul Nikolich  
18 Bishops Lane  
Lynnfield, MA 01940  
paul.nikolich@att.net

Re: P802.15.1-REVa - Standard for Telecommunications and Information Exchange Between Systems  
-LAN/MAN Specific Requirements - Part 15.1a: Wireless Medium Access Control (MAC) and Physical  
Layer (PHY) specifications for Wireless Personal Area Networks (WPAN)

Dear Paul:

I am pleased to inform you that on 11 September 2003 the IEEE-SA Standards Board approved the above referenced project until 31 December 2007. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/802-15-1-REVa.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 5.1.2f 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 [j.haasz@ieee.org](mailto:j.haasz@ieee.org) no later than 9 December 2003.

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 732-562-6367 or by email at [j.haasz@ieee.org](mailto:j.haasz@ieee.org).

Sincerely,

Jodi Haasz  
Program Manager  
International Stds Programs and Governance  
Standards Activities  
Phone +1 732 562 6367  
FAX +1 208 460 5300  
Email: [j.haasz@ieee.org](mailto:j.haasz@ieee.org)

cc: [bheile@ieee.org](mailto:bheile@ieee.org)

# PAR FORM

**PAR Status:** Revision PAR  
**PAR Approval Date:** 2003-09-11  
**PAR Signature Page on File:** Yes  
**Review of Standards Development Process:** No

**1. Assigned Project Number:** 802.15.1-REVa

**2. Sponsor Date of Request:** 2003-05-15

**3. Type of Document:** Standard for

**4. Title of Document:**

**Draft:** Standard for Telecommunications and Information Exchange Between Systems -LAN/MAN Specific Requirements - Part 15.1a: Wireless Medium Access Control (MAC) and Physical Layer (PHY) specifications for Wireless Personal Area Networks (WPAN)

**5. Life Cycle:** Full Use

**6. Type of Project:**

**6a. Is this an update to an existing PAR?** No

**6b. The Project is a:** Revision of Std 802.15.1-2002

**7. Contact Information of Working Group:**

**Name of Working Group:** 802.15

**Name of Working Group Chair:** Robert F Heile

**Telephone:** 508-222-1393 **FAX:** 508-222-0515

**Email:** bheile@ieee.org

**8. Contact Information of Official Reporter (If different than Working Group Chair)**

**Name of Official Reporter:** (if different than WG contact)

**Telephone:** **FAX:**

**Email:**

**9. Contact Information of Sponsoring Society or Standards Coordinating Committee:**

**Name of Sponsoring Society and Committee:** Computer Society Local and Metropolitan Area Networks

**Name of Sponsoring Committee Chair:** Paul Nikolich

**Telephone:** 857-205-0050 **FAX:** 781-334-2255

**Email:** paul.nikolich@att.net

**Name of Liaison Rep. (If different than Sponsor Chair):**

**Telephone:** **FAX:**

**Email:**

**10. The Type of ballot is:** Individual Sponsor Ballot

**Expected Date of Submission for Initial Sponsor Ballot:** 2004-02-01

**11. Fill in Projected Completion Date for Submittal to RevCom:** 2004-05-01

**Explanation for Revised PAR that Completion date is being extended past the original four-year life of the PAR:**

**12. Scope of Proposed Project:**

The scope of this project is limited to incorporating the changes between 802-15-1-2002 (Bluetooth specification 1.1) and Bluetooth Specification 1.2 into 802-15-1-2002. The scope of the original project was: To define PHY and MAC specifications for wireless connectivity with fixed, portable and moving devices within or entering a Personal Operating Space (POS). A goal of the WPAN Group will be to achieve a level of interoperability which could allow the transfer of data between a WPAN device and an 802.11 device. A Personal Operating Space (POS) is the space about a person or object that typically extends up to 10 meters in all directions and envelops the person whether stationary or in motion. The proposed WPAN Standard will be developed to ensure coexistence with all 802.11 Networks.

**13. Purpose of Proposed Project:**

The purpose of this project is to incorporate editorial changes, the errata from 802-15-1-2002 (Bluetooth spec 1.1), the functional changes between 802-15-1-2002 (Bluetooth1.1) and Bluetooth specification 1.2 into 802-15-1-2002. Specifically these include: Format (new volume structure, cleaner formatting); Fixes (Errata from the SIG and IEEE applied, Language cleanup (nomenclature + IEEE)); Features (Architectural Overview, Faster Connections, Adaptive Frequency Hopping for improved coexistence, Extended SCO, Scatternet / Scattermode / Absence Masks, Anonymity Mode, L2CAP Flow & Error Control, LMP Improvements / HCI Improvements); Full Backward Compatibility with 802-15-1-2002 ( Bluetooth Specifcaton 1.1)

**14. Intellectual Property:**

**Sponsor has reviewed the IEEE patent policy with the working group?** Yes

**Sponsor is aware of copyrights relevant to this project?** Yes

**Sponsor is aware of trademarks relevant to this project?** No

**Sponsor is aware of possible registration of objects or numbers due to this project?** No

**15. Are there other documents or projects with a similar scope?** No

**Similar Scope Project Information:**

**16. Is there potential for this document (in part or in whole) to be submitted to an international organization for review/adoption?** Do not Know

**If yes, please answer the following questions:**

**Which International Organization/Committee?**

**International Contact  
Information?**

**17. If the project will result in any health, safety, or environmental guidance that affects or applies to human health or safety, please explain, in five sentences or less.** No

**18. Additional Explanatory Notes: (Item Number and Explanation)**