



Jodi Haasz

12/16/2002 11:55 AM

To: p.nikolich@ieee.org  
cc: M.Klerer@flarion.com, r.b.marks@ieee.org, tony@jeffree.co.uk, tak@cisco.com,  
bheile@ieee.org, Stuart.Kerry@philips.com  
Subject: New Projects

12 December 2002

Mr. Paul Nikolich  
Broadband Access Systems  
18 Bishops Lane  
Lynnfield, MA 01940

- Re: P802.1ad Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment 4: Provider Bridges
- P802.1D Standard for Local and Metropolitan Area Networks: Media Access Control (MAC) Bridges
- P802.11j Amendment to STANDARD [FOR] Information Technology - Telecommunications and information exchange between systems - Local and Metropolitan networks-Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: 4.9 GHz - 5 GHz Operation in Japan
- P802.11k Amendment to STANDARD [FOR] Information Technology - Telecommunications and information exchange between systems - Local and Metropolitan networks-Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Radio Resource Measurement of Wireless LANs
- P802.15.3a Amendment to Standard for Telecommunications and Information Exchange Between Systems - LAN/MAN Specific Requirements - Part 15.3: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Higher Speed Physical Layer Extension for the High Rate Wireless Personal Area Networks (WPAN)
- P802.15.4 STANDARD FOR Telecommunications and Information Exchange Between Systems - LAN/MAN Specific Requirements - Part 15: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low Rate Wireless Personal Area Networks (WPAN)
- P802.16d Amendment to IEEE Standard for Local and metropolitan area networks - Part 16: Air Interface for Fixed Broadband Wireless Access Systems - Detailed System Profiles for 2-11 GHz
- P802.16e Amendment to IEEE Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems - Amendment for Physical and Medium Access Control Layers for Combined Fix and Mobile Operation in Licensed Bands
- P802.17a Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Common

Specifications - Part 3: Media Access Control (MAC) Bridges

P802.20 Local and Metropolitan Area Networks - Standard Air Interface for Mobile  
Broadband  
Access  
Wireless Access Systems Supporting Vehicular Mobility - Physical and Media  
Control Layer Specification

P1802.16.2 Standard for Conformance to IEEE Standard 802.16 - Part 2: Test Suite Structure and  
Test Purposes (TSS&TP) for 10-66 GHz WirelessMAN-SC Air Interface

Dear Paul:

I am pleased to inform you that on 11 December 2002 the IEEE-SA Standards Board approved the above referenced projects until December 2006, with the exception of P802.15.4, which has been approved until December 2004. Changes were made to the following projects:

- P802.11k - Change the scope to read as "This project will define Radio Resource Measurement enhancements to provide interfaces to higher layers for radio and network measurements."
- P802.17a - Change the purpose to read as "The purpose is to amend the 802.1D transparent bridge standard recognition of the 802.17 Media Access Control (MAC)."

Copies of the files are attached in .pdf format.

**Now that your projects have been approved, please forward a roster of participants involved in the development of these projects. 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"**

**Attached is an Excel spreadsheet for your convenience. Please forward these lists to me via e-mail at [j.haasz@ieee.org](mailto:j.haasz@ieee.org) no later than 1 March 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  
Senior Administrator  
IEEE-SA Governance and Electronic Processes

PS - The information in the .pdf file is viewable in Adobe Reader, version 5.0 or higher. If you do not have this software, please go to <http://www.adobe.com/products/acrobat/readstep.html> to download the free version.



Sample Roster.xls



802-1ad.pdf



802-1D.pdf



802-11j.pdf



802-11k.pdf



802-15-3a.pdf



802-15-4.pdf



802-16d.pdf



802-16e.pdf



802-17a.pdf



802-20.pdf



1802-16-2.pdf

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# PAR FORM

**PAR Status:** Amendment of Standard  
**PAR Approval Date:** 2002-12-11  
**PAR Signature Page on File:** Yes  
**Review of Standards Development Process:** No

**1. Assigned Project Number:** 802.11j

**2. Sponsor Date of Request:** 2002-11-01

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

**4. Title of Document:**

**Draft:** Amendment to STANDARD [FOR] Information Technology-Telecommunications and information exchange between systems-Local and Metropolitan networks-Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: 4.9 GHz - 5 GHz Operation in Japan

**5. Life Cycle:** Full Use

**6. Type of Project:**

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

**6b. The Project is a:** Amendment to Std. 802.11-1999

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

**Name of Working Group:** IEEE P802.11, Working Group for Wireless LANs

**Name of Working Group Chair:** Stuart J Kerry

**Telephone:** 408-348-3171 **FAX:** 408-474-7247

**Email:** stuart@ok-brit.com

**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:** p.nikolich@ieee.org

**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:** 2003-11-30

**11. Fill in Projected Completion Date for Submittal to RevCom:** 2004-07-31

**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 the project is to enhance the 802.11 standard and amendments, to add channel selection for 4.9 GHz and 5 GHz in Japan to additionally conform to the Japanese rules for radio operation.

**13. Purpose of Proposed Project:**

The purpose of the proposed project is to obtain Japanese regulatory approval by enhancing the current 802.11 MAC and 802.11a PHY to additionally operate in newly available Japanese 4.9 GHz and 5 GHz bands.

**14. Intellectual Property:**

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

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

**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 you aware of other standards or projects with a similar scope?** Yes

The 802.11 TGh draft has power control and frequency selection mechanisms that may be used in this project.

**Similar Scope Project Information:**

Sponsor Org.: Association of Radio Industries and Businesses (ARIB); Proj. No.: No project number for this project. The next version of the HiSWANa STD (ARIB STD T-70) to be released in December 2002 will include specification for the 4.9-5.0 and 5.03-5.091 GHz band.; Proj. Date: 1 July 1998; Proj. Title: High Speed Wireless Access Subcommittee of MMAC

**16. Is there potential for this standard (in part or in whole) to be submitted to an international organization for review/adoption?:**

Yes

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

**Which International Organization/Committee?** ISO

**International Contact** Masahiro Umehira

**Information?** +81-468-59-3400

+81-468-55-1497

mehira.Masahiro@nslab.ntt.co.jp

**17. Will this project focus on Health, Safety or Environmental Issues?** No**18. Additional Explanatory Notes: (Item Number and Explanation)**

Purpose of the Project: The purpose of this project is to develop an extension of the 802.11 specification for operation of WLANs at 4.9 GHz - 5 GHz in Japan. Rules for operation in 4.9 GHz and 5.0 GHz bands were defined by MPHPT (Ministry of Public Management, Home Affairs, Posts and Telecommunications) and published in August of 2002. The MPHPT description of the 4.9 GHz - 5.0 GHz rules begins at [www.soumu.go.jp/s-news/2002/020611\\_3.html](http://www.soumu.go.jp/s-news/2002/020611_3.html). MPHPT has also published rules for operation in the 5.15-5.25 GHz band. Technical standards for radio systems in the 5.15 GHz band were published as Association of Radio Industries and Businesses (ARIB) specification T-71 for CSMA. ARIB is a recognized standards making body in Japan. Further details are available at both [www.soumu.go.jp](http://www.soumu.go.jp) and at [www.telec.or.jp](http://www.telec.or.jp). In order to conform to the new rules, we need to provide channel selection and control extensions for channel and transmit EIRP power management, including spurious emissions, in Japanese 4.9 GHz and 5 GHz bands. In addition, we also need to provide improvements in carrier sense, selection of minimum data rate by channel, and 802.11d beacon operation for these Japanese bands. Regulatory Bodies: IEEE P802.11 will correspond with regulatory bodies in Japan in order to try to assure that the new standard meets regulatory approval in Japan.