IEEE P802.11  
Wireless LANs

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| IEEE 802.11ah Call for technical contributions | | | | |
| Date: 2011-1-20 | | | | |
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Abstract

The following is a copy of the IEEE 802.11ah call for technical contributions email.

**From:** Dave Halasz [mailto:dave.halasz@ieee.org]   
**Sent:** Thursday, January 20, 2011 6:03 PM  
**To:** STDS-802-11-TGAH@LISTSERV.IEEE.ORG; STDS-802-11@LISTSERV.IEEE.ORG  
**Cc:** pbeecher@ieee.org  
**Subject:** IEEE 802.11ah Call for technical contributions

During the November face-to-face meeting, the IEEE 802.11ah task group passed a motion to develop and adopt a specification development process document. This removes the deadline of March for final proposals and is a continued call for technical contributions.

                Dave Halasz, IEEE 802.11ah Task Group Chair

**From:** Dave Halasz [mailto:dave.halasz@ieee.org]   
**Sent:** Wednesday, November 10, 2010 9:30 AM  
**To:** STDS-802-11-TGAH@LISTSERV.IEEE.ORG; STDS-802-11@LISTSERV.IEEE.ORG  
**Cc:** pbeecher@ieee.org  
**Subject:** IEEE 802.11ah Call for proposals

**Introduction**

This email is a call for proposals for IEEE 802.11ah. The IEEE 802.11ah PAR is available at the following location, <https://mentor.ieee.org/802.11/dcn/10/11-10-0001-13-0wng-900mhz-par-and-5c.doc>

The PAR Scope and Purpose are copied below,

Scope:

*This amendment defines an Orthogonal Frequency Division Multiplexing (OFDM) Physical layer (PHY) operating in the license-exempt bands below 1 GHz, e.g., 868-868.6 MHz (Europe), 950 MHz -958 MHz (Japan),  314-316 MHz, 430-434 MHz, 470-510 MHz, and 779-787 MHz (China), 917 – 923.5 MHz (Korea) and 902-928 MHz (USA), and enhancements to the IEEE 802.11 Medium Access Control (MAC) to support this PHY, and provides mechanisms that enable coexistence with other systems in the bands including IEEE 802.15.4 and IEEE P802.15.4g.*

*The data rates defined in this amendment optimize the rate vs range performance of the specific channelization in a given band.*

*This amendment also adds support for:*

* *transmission range up to 1 km*
* *data rates > 100 kbit/s*

*while maintaining the 802.11 WLAN user experience for fixed, outdoor, point to multi point applications.*

Purpose:

*The purpose of this amendment defines operation of license-exempt 802.11 wireless networks in frequency bands below 1 GHz excluding the TV White Space bands*.

Any individual intending to present a proposal must notify the IEEE 802.11ah Task Group chair, Dave Halasz, via email at <mailto:dave.halasz@ieee.org> by January 16th, 2011. Presentations of introductory proposal submissions material shall be submitted to the IEEE 802.11 document server prior to January 16th, 2011 for presentation and discussion during the January IEEE 802 Wireless Interim session.

Final proposals and related documents shall be submitted to the IEEE 802.11 document server prior to March 13th, 2011 for presentation and discussion during the March plenary session.

Time permitting, proposals arising at or during meeting time and after the stated due dates may be allowed by the chair.

The document server is available at the following location, <https://mentor.ieee.org/802.11/documents>

All presenters should be familiar with the following documents regarding IEEE policies and procedures:

-  IEEE Patent Policy - <http://standards.ieee.org/board/pat/pat-slideset.ppt>  
-  Patent FAQ - <http://standards.ieee.org/board/pat/faq.pdf>  
-  LoA Form - <http://standards.ieee.org/board/pat/loa.pdf>  
-  Affiliation FAQ - <http://standards.ieee.org/faqs/affiliationFAQ.html>  
-  Anti-Trust FAQ - <http://standards.ieee.org/resources/antitrust-guidelines.pdf>  
-  Ethics - <http://www.ieee.org/portal/cms_docs/about/CoE_poster.pdf>  
-  IEEE 802.11 Working Group Policies and Procedures -  
 <https://mentor.ieee.org/802.11/public-file/07/11-07-0360-04-0000-802-11-policies-and-procedures.doc>

                Dave Halasz, IEEE 802.11ah Task Group Chair