IEEE P802.11  
Wireless LANs

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| April 26, 2010 S1G Teleconference Meeting Minutes | | | | |
| Date: 2010-04-27 | | | | |
| Author(s): | | | | |
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|  |  |  |  |  |

Abstract

This document contains minutes of S1G Study Group teleconference meeting on Monday April 26, 2010.

**Agenda:**

1. Attendance (Send email to [dhalasz@aclara.com](mailto:dhalasz@aclara.com))  
2. Secretary selection

3. IPR and other relevant IEEE policies (see pointers below).

4. May meeting officer selection notice

5. Notification on 10/456 April 5 teleconference meeting minutes (Approve in May meeting)

<https://mentor.ieee.org/802.11/dcn/10/11-10-0456-00-0s1g-april-5-2010-teleconference-meeting-minutes.docx>

  5.1 Any updates?  
6. 10/001 Updates to proposed PAR from comments received during 10/204 review

<https://mentor.ieee.org/802.11/dcn/10/11-10-0001-06-0wng-900mhz-par-and-5c.doc>

7. 10/204 resume discussion (Slide 12, 13 & 14)

<https://mentor.ieee.org/802.11/dcn/10/11-10-0204-03-0wng-commentsonsub1ghz.ppt>

8. Adjourn

NOTE: Please review the documents at the following links:

-  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>

Teleconference details:

Call-in toll-free number:  1-866-699-3239

Call-in toll number:  1-408-792-6300

Attendee access code: 55146651

**Meeting Minutes**

1. Attendance

Attendance - Name (Affiliation) [email address]

Dave Halasz, (Aclara), S1G SG Chair [dhalasz@aclara.com]

Michael Lynch, (MJ Lynch & Associates LLC) [MJLynch@mjlallc.com]

Junho Jo, (LG Electronics) [withjune@gmail.com]

Jae-Hyung Song, (LG Electronics) [jaehyung.song@lge.com]

Buffington, John (Itron) [John.Buffington@itron.com]

Wilbur, Mark, (Aclara) [mwilbur@aclara.com]

Roberto Aiello, (Itron) [aiello@ieee.org]

Bill Marshall, (AT&T) [wtm@research.att.com]

Jim Amos, (Aclara) [jamos@aclara.com]

Tim Godfrey, (EPRI) [t.godfrey@synthify.com]

George A Vlantis (STMicroelectronics) [george.vlantis@st.com]

Dorothy Stanley (Aruba) [DStanley@arubanetworks.com]

Steve Shellhammer (Qualcomm) [sshellha@qualcomm.com]

2. Secretary selection

Dave Halasz (Aclara)

3. IPR and other relevant IEEE policies

* Review: IEEE Patent Policy - <http://standards.ieee.org/board/pat/pat-slideset.ppt>
* Questions on IEEE SA Policies and Procedures -- none
* Essential Patents or knowledge of holders of Essential Patents -- none

4. May meeting officer selection notice

Dave Halasz mentioned running for S1G Study Group Chair

Mentioned if anyone interested in volunteering for an office should mention to Dave Halasz (Chair Pro tem, or Bruce Kraemer (802.11 WG chair) or attend the May meeting Monday session. Officer selection will occur on the Monday session of the May meeting.

Volunteer for secretary will make the May meeting run smoother.

5. Notification on 10/456 April 5 teleconference meeting minutes (Approve in May meeting)

<https://mentor.ieee.org/802.11/dcn/10/11-10-0456-00-0s1g-april-5-2010-teleconference-meeting-minutes.docx>

  5.1 Any updates? No updates

6. 10/001 Updates to proposed PAR from comments received during 10/204 review

<https://mentor.ieee.org/802.11/dcn/10/11-10-0001-06-0wng-900mhz-par-and-5c.doc>

Reviewed changes that were made from rev 5. Change tracking is turned on for rev 6 to make the changes easy to find. These changes are from submission 10/204 discussion and review.

No comments on suggested changes.

7. 10/204 resume discussion (Slide 12, 13 & 14)

<https://mentor.ieee.org/802.11/dcn/10/11-10-0204-03-0wng-commentsonsub1ghz.ppt>

Slide 12 – Discuss bands in other countries

Slide material came from 802.15 reference [1].

No other discussion.

Slide 13 – Discuss minimum data rates

Slide material derived from ½, ¼, 1/8, and 1/16 clocking of OFDM.

.075 should be .75. Good catch, will update.

Slide 14 – Interoperability with IEEE 802.15.4g

Good time to check for common meeting between 802.11 S1G SG and 802.15.4g during the May meeting.

No submission on interoperability

Discussion on 802.15.4g coexistence with different 802.15.4g PHYs

There is a common signalling

The common signalling will go through a common PHY

The PHY is FSK

Should/could same be applied to 802.11 S1G?

How hard would this be?

802.11 has multiple phy’s

Difficult to say if practical

802.11g has protection mechanisms for 802.11b. Can something similar occur? Should it act instead like DFS? For instance, detect and avoid.

802.15.4g is out for letter ballot. Good time to make comments on the draft.

General note: Some interference was occurring on the call. The interference made participation very difficult. Call was suspended at 4:52 and resumed at 5 eastern. Interference was not present once call was resumed at 5 eastern US time.

Adjourn

**References:**

1. 15-09-0075-08-0004g TG4g PHY Technical Parameters Document (Beecher, Rolfe)