IEEE P802.11
Wireless LANs

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| TGax teleconference minutes – 2014-12-04 |
| Date: 2014-12-05 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
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Abstract

This document contains the meeting minutes of the IEEE 802.11 TGax teleconference on 2014-12-04.

**Teleconference time: Thursday, December 4th, 2014, 10:00 AM (ET)**

**Join the meeting:**<https://join.me/IEEE802.11>

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**<Proposed Agenda>**

1. Call the meeting to order
2. Reminder
	* IEEE 802 and 802.11 IPR policies and procedures
	* Attendance Reminder (send an e-mail to inoue.yasuhiko@lab.ntt.co.jp and/or osama.aboulmagd@huawei.com)
3. Presentation by Reza Hedayat (Newracom):
	* 14/1580r0, “Perspectives on Spatial Reuse in 11ax,” available from

https://mentor.ieee.org/802.11/dcn/14/11-14-1580-00-00ax-perspectives-on-spatial-reuse-in-11ax.pptx

* Reminder: Nomination for Ad Hoc group Chairs
* AoB
1. Adjourn

<**Minutes>**

**Agenda Item #1: Call the meeting to order**

Osama Aboul-Magd, the Chairperson of the IEEE 802.11 TGax, called the meeting to order at 2014-12-04 at 10:00 AM Eastern Time.

**Agenda Item #2: Agenda Setting**

<Proposed Agenda>

1. Call the meeting to order
2. Agenda Setting
3. Reminder
	* IEEE 802 and 802.11 IPR policies and procedures
	* Attendance Reminder (send an e-mail to inoue.yasuhiko@lab.ntt.co.jp and/or osama.aboulmagd@huawei.com)
4. Presentation by Reza Hedayat (Newracom):
	* 14/1580r0, “Perspectives on Spatial Reuse in 11ax,” available from

https://mentor.ieee.org/802.11/dcn/14/11-14-1580-00-00ax-perspectives-on-spatial-reuse-in-11ax.pptx

1. Reminder: Nomination for Ad Hoc group chairs
2. AoB
3. Adjourn

Chair asked for any changes and modifications to the proposed agenda. No changes were made.

The agenda was approved.

**Agenda item #3: Reminder**

* **IEEE 802 and 802.11 IPR Policies and Procedures**

Chair reminded that the meeting is operating under IEEE 802 and IEEE 802.11 Policies and Procedures.

* <http://standards.ieee.org/develop/policies/antitrust.pdf>
* [IEEE Code of Ethics](http://www.ieee.org/about/corporate/govermance/p7-8.html)
* <http://standards.ieee.org/faqs/affiliation.html>
* <http://standards.ieee.org/board/pat/loa.pdf>
* <http://standards.ieee.org/board/pat/index.html>
* <http://standards.ieee.org/board/pat/pat-slideset.ppt>
* <http://standards.ieee.org/board/pat/faq.pdf>
* <http://www.ieee802.org/policies-and-procedures.pdf>
* <http://www.ieee802.org/PNP/2008-11/LMSC_OM_approved_081114.pdf>

The Chairperson calls for potential essential patents. There was no response.

* **Attendance**

The chair also reminded that the attendees to send e-mail to inoue.yasuhiko@lab.ntt.co.jp and osama.aboulmagd@huawei.com to record the attendance in the minutes.

* **Chair asked the attendees to state name and affiliation when speaking for the first time in the meeting.**

**Agenda Item #4: Presentation**

* Reza Hedayat (NEWRACOM) presented “Perspectives on Spatial Reuse in 11ax,” based on the submission 14/1580r0.
	+ Summary
		- Summarized DSC and Adaptive/Dynamic CCA discussions presented in TGax.
		- Reviewed current CCA rule in the 802.11 standard.
		- Possible enhancement to the current CCA rule presented.
	+ Discussions
		- No discussion.
* Discussions on the e-mail from Graham Smith (DSP Group)
	+ Osama introduced the email from Graham.
	+ The first part talks about the difference between the “CCA threshold variations” and “dynamic threshold”. The term of “DSC” needs to be used carefully.
	+ The second part says that the effect of DSC will be changed depending on the number of the channels and assignment/allocation of those channels.
	+ Discussion
		- Needs for scenarios to evaluate the DSC will be needed.
		- Importance of precise modeling of PHY and MAC is discussed, but it was pointed out that there are calibration works going on for this purpose.

**Agenda Item #5: Reminder: Nomination for Ad Hoc group chairs**

* Current status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | MAC | PHY | Multiuser | Spatial Reuse |
| Co-chair #1 | Eric Wong(Apple) | Bo Sun(ZTE) | Sigurd Schelstraete(Quantenna) | Laurent Cariou(Orange) |
| Co-chair #2 |  | Jianhan Liu(MediaTek) | Kiseon Ryu(LG) | Guido R. Hiertz(Ericsson) |
| Co-chair #3 |  | Yakun Sun(Marvell) |  |  |

* + Chair mentioned that election will take place on Tuesday during the January 2015 session.
	+ Ad hoc groups start their activities at the March 2015 session.

**Agenda Item #6: AOB**

* + Announcement:
		- Chair will send out call for presentation shortly.
		- Chair asked people to submit documents to the server before the Monday AM2 session.
	+ No other item to discuss during this call.
	+ Chair asked if there is any objection to adjourn. 🡪 No objection.

**Agenda Item #7: Adjourn:**

The TGax teleconference adjourned at 11:10 AM (ET).

<**Attendees>** Total 30+ people were on the call.

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| --- | --- | --- |
| **#** | **Name** | **Affiliation** |
| 1 | Osama Aboul-Magd | Huawei |
| 2 | Carol Ansley | ARRIS Group |
| 3 | Drayt Avera | Ratrix Technologies |
| 4 | Laurent Cariou | Orange |
| 5 | Minho Cheong | NEWRACOM |
| 6 | Reza Hedayat | NEWRACOM |
| 7 | Ken Hiraga | NTT |
| 8 | Yasu Inoue | NTT |
| 9 | Massinissa Lalam | Sagemcom |
| 10 | Jae Seung Lee | ETRI |
| 11 | James Lepp | Blackberry |
| 12 | Scott Marin | Nokia Networks |
| 13 | Simone Merlin | Qualcomm |
| 14 | Filip Mestanov | Ericsson |
| 15 | Enrico-Henrik Rantala | Ericsson |
| 16 | Adrian Stephens | Intel |
| 17 | Esa Tuomaala | Nokia |
| 18 | Lei Wang | Marvell |
| 19 | Xiaofei Wang | InterDigital |
| 20 | Eric Wong | Apple |
| 21 |  |  |