IEEE P802.11
Wireless LANs

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| HEW SG teleconference minutes – 20131218 |
| Date: 2013-12-25 |
| Author(s): |
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Abstract

This document contains the meeting minutes of the IEEE 802.11 HEW SG teleconference on 2013-12-18.**Teleconference time: 2013-12-18, 20:00 ET**

**General Information**

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Meeting information
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Topic: HEW SG
Date: Wednesday December 18, 2013
Time: 8:00 PM, Eastern Standard Time (New York, GMT-05:00)
Meeting Number: 740 460 362
Meeting Password: wirelesslan**

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Call-in number: 1-(206)445-0056  (US)
Show global numbers:**[**https://www.tcconline.com/offSite/OffSiteController.jpf?cc=6830239259**](https://www.tcconline.com/offSite/OffSiteController.jpf?cc=6830239259)**Conference Code: 683 023 9259**

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To add this meeting to your calendar program (for example Microsoft Outlook), click this link:**[**https://ieeestandards.webex.com/ieeestandards/j.php?ED=229218232&UID=3975073&ICS=MS&LD=1&RD=2&ST=1&SHA2=AAAAAkvlWH2QjhrC689nEf06w9aDkI4E21Qam14FtbeCB5pU**](https://ieeestandards.webex.com/ieeestandards/j.php?ED=229218232&UID=3975073&ICS=MS&LD=1&RD=2&ST=1&SHA2=AAAAAkvlWH2QjhrC689nEf06w9aDkI4E21Qam14FtbeCB5pU)

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**<Proposed Agenda>**

* Call the meeting to order
* 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)
* Agenda Setting
* <https://mentor.ieee.org/802.11/dcn/13/11-13-1489-03-0hew-airport-capacity-analysis.pptx>  - Graham Smith
* CC11 Comments  - All (Osama Aboul-Magd, Chair)
* AoB
* Adjourn

<**Minutes>**

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

Osama Aboul-Magd, the Chair of the HEW SG, called the meeting to order at 2013-12-18 at 20:00 ET.

**Agenda Item #2: IEEE 802 and 802.11 IPR policies and procedures**

The Chair reminded that the teleconference is bound by the conditions stipulated by the documentation below.

* <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 Chair asks if there is anyone not familiar with IEEE policy. No response noted.

The Chairman calls for potential essential patents. No one responds to the call and no claims are brought forward.

The Chairman reminds all attendees to take attendance by sending email to Yasu, inoue.yasuhiko@lab.ntt.co.jp, and/or Osama, Osama.AboulMagd@huawei.com.

**Agenda Item #3: Agenda Setting**

<Proposed Agenda>

1. Call the meeting to order
2. IEEE 802 and 802.11 IPR policies and procedures
	* Attendance Reminder (send an e-mail to inoue.yasuhiko@xxxxxxxxxxxxx and/or osama.aboulmagd@xxxxxxxxxx )
3. Agenda Setting
4. <https://mentor.ieee.org/802.11/dcn/13/11-13-1489-03-0hew-airport-capacity-analysis.pptx> - Graham Smith (if time allows, or next telecon)
5. IEEE 802.11 WG Comment Collection #11 results
6. AoB
7. Adjourn

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

The agenda was approved.

**Agenda Item #4: Airport Capacity Analysis**

* Graham Smith (DSP Group) presented the “Airport Capacity Analysis”, based on 13/1489r3.

<Summary>

* + Capacity for the Airport Terminal Use Case was evaluated assuming Dynamic Sensitivity Control.
	+ 802.11ac APs with 40 MHz BW will provide enough capacity and coverage to meet requirements of the use case 1b Airport/Train stations – public access and cellular offload contained in 13/657r6.

<Discussions>

C: We need better understand of the use case 1b. Graham agreed that we need more work for it.

C: Interpretation of traffic conditions on slide 2 was not correct. 50% of 120 users watching video of 100 M bit/s require capacity of more than 6 G bit/s. 🡪 Graham understood that his interpretation was not correct and agreed to re-calculate the capacity.

C: Need more work to align simulation scenario.

<Next Step>

* + Graham to re-evaluate the capacity for the airport use case.

**Agenda Item #5: IEEE 802.11 WG Comment Collection #11 results**

* Osama Aboul-Magd (Huawei Technologies), presented “Dense Apartment Capacity Improvements with Channel selection and Dynamic Sensitivity Control”, based on 13/1487r2.

<Summary>

* + About 300 comments collected.
	+ How like to discuss how to consider those comments.

<Discussions>

C: Editorial comments can be resolved by Osama.

C: Major comments should be discussed during the January 2014 session.

C: Need some analysis on the comments.

Q: Asked if the chair checked the format and what should be described especially in sections 5.2a and 5.4. The answer was no.

C: Tiger team suggested. But the group did not agree.

C: There are missing comments. 🡪 It might be due to the problem of the server. The comment sheet will be updated.

<Next Step>

* + Osama to check the PAR format.
	+ Osama to do analysis on the comments for each section and to present the results in the next teleconference.

<Plans>

* + Result of the analysis to be presented in the next teleconference (on January 8th).
	+ Modify the PAR and 5C document during the January face-to-face meeting in Los Angeles.
	+ 802.11 WG approval of the PAR at the end of January session.

**Agenda Item #6: AOB**

* Next Call
	+ Date & Time: January 8th, 8:00 – 10:00 AM (ET)
* No other business to conduct.

**Agenda Item #7: Adjourn:**

The meeting is adjourned at 21:05 ET.

<**Attendees>**

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| --- | --- |
| **Name** | **Affiliation** |
| Osama Aboul-Magd | Huawei |
| Tomoko Adachi | Toshiba |
| Yusuke Asai | NTT |
| Kwok Shum Au | Huawei |
| Shahrnaz Azizi | Intel |
| Gabor Bajko | Nokia |
| Phillip Barber | Huawei |
| Gwendolyn Barriac  | Qualcomm |
| William Carney | Sony |
| Minho Cheong | ETRI |
| George Cherian | Qualcomm |
| Zhipei Chi | Marvell |
| Hangyu Cho | LG Electronics |
| Jinsoo Choi | LG Electronics |
| Sayantan Choudhury | Nokia |
| Thomas Derham | Orange |
| Carolyn Heide | Ruckus Wireless |
| Yasuhiko Inoue | NTT |
| Koichi Ishihara | NTT |
| JinJing Jiang | Marvell |
| Kaushik Josiam | Samsung |
| John Kenny | Toyota InfoTechnology Center |
| Dongguk Kim |  |
| Jeongki Kim | LG Electronics |
| Suhwook Kim | LG |
| Akira Kishida | NTT |
| Joe Kwak | InterDigital |
| Frank LaSita | InterDigital |
| Jae Seung Lee | ETRI |
| James Lepp | Blackberry |
| Joseph Levy | InterDigital |
| Jianhan Liu | MediaTek |
| Yong Liu | Apple |
| Peter Loc | Huawei |
| Kaiying Lv | ZTE |
| Ryoko Matsuo | Toshiba |
| Yasunao Misawa | KDDI |
| Ron Murias | InterDigital |
| Paul Nikolich | YAS |
| Giwon Park | LG Electronics |
| Eldad Perahia | Intel |
| Ron Porat | Broadcom |
| Stephen Rayment | Ericsson |
| Kiseon Ryu | LG |
| Hemanth Sampath | Qualcomm |
| Graham Smith | DSP Group |
| Robert Stacy | Intel |
| Jung Hoon Suh | Huawei |
| Yakun Sun | Marvell |
| Rakesh Taori | Samsung |
| Bin Tian | Qualcomm |
| James Wang | MediaTek |
| Lei Wang | InterDigital |
| Tianyu Wu | Huawei |
| Hiroto Yasuda | NTT DOCOMO |
| Katsuo Yunoki | KDDI |