IEEE P802.11
Wireless LANs

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| TGah Minutes for F2F Meeting in May 2015  |
| Date: 2015-05-13 |
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Abstract

This document contains the meeting minutes from the 802.11 TGah F2F Meeting in May 2015.

**May 11, 2015 (Monday) PM 4:00 – 6:00, EDT**

**Notes – 20+ attendees; Secretary for this session – Zander Lei (I2R)**

1. **Yongho Seok (NEWRACOM) is the chair of TGah and was running this session. Chair called the meeting to order at 4:00 PM, EDT.**
2. **Chair reviewed the proposed agenda as shown below for the week. The agenda document 11-15/0481r1 was circulated through the TGah email reflector.** Chair asked if there is any objection or new items to be added on. **None was heard.**
	1. Call for secretary
	2. IPR and other relevant policy and procedures
	3. Approve meeting minutes
		1. March meeting minutes (11-15/0461r0)
		2. Conference call minutes (11-15/0530r2, 11-15/0536r0, 11-15/0549r0)
	4. Address Letter Ballot comments for Draft 5.0
		1. Comment Spreadsheet (11-15/0525r0)
	5. TGah EC report review
	6. Motion for draft text
	7. Conference call plan
	8. Timeline review
3. **Call for Secretary**
	1. Zander Lei (I2R) volunteered to be the secretary for this session.
4. **IPR and other relevant IEEE policies**
	1. Chair reviewed the administrative items and presented the links for accessing the related documents.
* 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 Operations Manual – [11-14-0629-08-0000-802-11-operations-manual.docx](https://mentor.ieee.org/802.11/dcn/14/11-14-0629-08-0000-802-11-operations-manual.docx)
	1. Chair reviewed the patent policy and meeting guideline.
	2. Chair presented the Call for Potentially Essential Patents slide. Chair asked: “Are there any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use of that standard?” Chair asked: “Does anybody want to speak up now?” **None was heard**.
	3. Chair reviewed other guidelines of the IEEE WG meetings.
1. **Approve meeting minutes**
	1. Chair suggested approving the minutes in the Wednesday session, giving time for the group to review.
2. **Address Letter Ballot comments for Draft 5.0**
	1. Chair reviewed the status of the resolutions to comments for LB211 with reference to document 11-15/0481r1 (P802.11ah Report to EC on Approval to go to Sponsor Ballot). He commented that this document was prepared for EC to approve the request for Sponsor Ballot later and it would be updated further based on our the status of the resolution up to July.
	2. Chair updated that he had discussed with a few no voters and Nehru Bhandaru, Naveen Kakani, Stephen McCann , Qi Wang, Brian Hart and Dorothy Stanley had agreed to change their votes from “NO” to “YES”. With this, the approval rate had become 95%.
	3. Chair commented that there were total more than 10 unsatisfied comments left and he would continue to work with the commenters.
	4. Chair reviewed the timeline briefly and targeted this week to keep the timeline on track.
	5. Chair referred back to the Agenda document 11-15/0481r1 and commented that the presentation of 11-15/0528r1scheduled on Tuesday needed to be postponed to Wednesday AM1. He had contacted a few members relevant and this time would be more convenient for them to be present together.
	6. Chair asked if there was any objection to change the schedule of the presentation 11-15/0481r1 to Wednesday AM1? **None was heard.**
3. **Submissions to address comments received on Draft 5.0**
	1. The group started to discuss the submissions to address comments.
4. **tgah-lb211-comment-resolutions-part1 (11-15/527r1, Alfred)**
	1. This document contains 82 comments submitted by David Hunter. Yongho had presented resolutions for 56 CIDs prepared by Yongho and Zander in conference calls. The rest comments had been assigned to Alfred. Alfred would like to address all the rest comments.
	2. Alfred presented the resolutions addressing the following 26 comments:

7034, 7035, 7036, 7037, 7038, 7039, 7073, 7074, 7075, 7076, 7077, 7078, 7079, 7080, 7081, 7082, 7083, 7084, 7085, 7089, 7091, 7092, 7094, 7096, 7098, 7102

* 1. For CID 7077, Alfred added the rejection reason that a professional editor would fix the editorial issue.
	2. **Chair asked if there is any objection to the presented resolution for the 26 CIDs above in the document 11-15/527r1**?
	3. **No objection heard.**
	4. Chair commented that he would like to talk to the commenter, David Hunter, about the resolution to see if he would agree.
1. **tgah-lb211-comment-resolutions-part3 (11-15/529r1, Yongho)**
	1. This document contains 21 comments. Yongho had presented all the resolutions in conference calls. He overviewed the resolutions again and see if there is any comments and suggestions on the resolutions.
	2. Li-Hsiang Sun (InterDigital) commented that his colleague Joseph Levy would like to withdraw CID7023.
	3. **Chair asked if there is any objection to the presented resolution for the 11 CIDs above in the document 11-15/529r1**?
	4. **No objection heard.**
2. Chair commented that there were 4 CID left and they were related to LOA issues. They would be addressed in Wednesday AM1. Chair would like to cancel the meetings scheduled on Tuesday. There was no objection and Tuesday meetings were cancelled.
3. **AOB**
	1. The group had completed the agenda items. Chair asked if there was any other business.
	2. Tim Godfrey (WG24 Chair) commented there was a scheduled discussion on Wednesday PM2 on IoT in WG24. He encouraged the group to participate the discussions together with members from other groups, such as 15.4g, to put up a white paper on IoT.
4. **The Chair declared recessed at 5pm.**

**May 13, 2015 (Wednesday) AM1 8:00 – 9:20
Notes – 40+ attendees; Secretary for this session – Zander Lei (I2R)**

1. **Yongho Seok (Newracom) is the chair of** 802.11 TGah. Yongho was running this session. Chair called the meeting to order at 8.00 AM. Zander Lei (I2R) volunteered to be the secretary for this session.
2. Chair updated the agenda to 15/0481r2 for this session. Chair asked if there was any objection to the agenda. There was no objection heard on the agenda.
3. Chair reviewed the patent policy and meeting guideline.
	1. Chair presented the Call for Potentially Essential Patents slide. Chair asked: “Are there any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use of that standard?” Chair asked: “Does anybody want to speak up now?” None were heard.
	2. Chair reminded the group that the letter of assurance available on website, any questions can be directed to the Chair.
	3. Chair reviewed other guidelines of the IEEE WG meetings.
4. **Approve Meeting Minutes**
	1. **Motion1: Move to approve minutes of F2F March meeting (11-14/0466r1) and conf call minutes (11-14/504r0, 11-14/528r1, 11-14/536r0, 11-14/543r0, 11-14/566r0, 11-14/623r0)**
* March 2015 F2F meeting minutes (11-15/461r0)
* Apr-May 2015 Conference call minutes (11-15/0530r2, 11-15/0536r0, 11-15/0549r0)

**Moved: Zander (I2R) Seconded: Alfred (Qualcomm)**

**Discussions: none.**

**Motion Passed unanimously.**

1. **Address Letter Ballot comments for Draft 5.0**
	1. The group started to address comments for Draft 5.0
	2. Chair reviewed the resolution status and stressed that there were mainly 4 important comments left and documented in 11-15/0528r1. These 4 comments are related to Letter of Assurance (LoA). Chair would like to devote the first hour of the session for the discussions. Due to time constraint of interested parties, Chair would like to limit the discussions to one hour.
	3. Chair asked if there was any objection on setting a time limit for the topic. None was heard.
2. **lb211-comment-resolutions-part2 (**[**11-15/0528r1**](https://mentor.ieee.org/802.11/dcn/15/11-15-0528-01-00ah-tgah-lb211-comment-resolutions-part2.xlsx)**, Yongho)**
	1. Chair reviewed the 4 comments with CID 7001, 7002, 7003, 7012. He suggested, after earlier discussion with chair advisory committee, rejecting all the comments on the basis that they are out of scope.
	2. Marc Emmelmann (Self) objected to the resolution to his comment in CID 7012. He considered the comment is valid.
	3. Andrew Myles (Cisco) also had objection to the resolution for his CID 7001. He understood that he did not provide details in his suggested resolutions. However, the current reason for the rejection is not acceptable.
	4. Sean Coffey (Realtek) did not agree to the resolution of rejecting his comments 7002 and 7003.
	5. Chair asked the floor the opinions whether these comments are valid comments.
	6. The working group chair Adrian Stephens (Intel) commented that these 4 comments were valid. The rejection is also valid as the proposed resoltions are not actionable and do not provide sufficient details.
	7. Andrew commented that for his CID 7001, he acknowleged that he did not provide sufficient details in his proposed resolution. It is acceptable to him should the rejection reason changed to “The proposed resolution does not provide sufficient details for amendment of the Draft. The commenter is invited to provide additional details in future ballot.”
	8. Chair asked if similar resolution is acceptable to other commenters.
	9. Sean disagreed to the resolution applied to his comments. He would like the group to look into the issue of LoA sooner and discussions on how to resolve the issues and move forward.
	10. Adrian would like to take a straw poll to solicit the opinion of the group. The suggested straw poll reads:
		1. Straw Poll

Do you prefer the following resolution?

Option A: accept in principle the resolution provided by commenters of CID 7001, 7002, 7003, 7012

Option B: reject, not enough details in the proposed changes

Option C: reject, disagree with the comments and no change

Option D: make no decision in this week

* 1. Matthew Fischer (Broadcom) commented that option A and option D might have an impact on the time line of the TGah. Option A requires significant amount of work and could not complete very soon. Option D means the comments are not fully addressed by end of the week.
	2. Marc would like to include his comment 7012 in the straw poll as well. He further commented that EC is going to meet in July and TGah has the entire July session to address the issue. If it can be addressed, it is still in good time to have Sponsor Ballot after July.
	3. Sean commented the LoA issue is fundmental and should be addressed sooner or later. The group should take time to look into it and not to wait until sponsor ballot.
	4. Adrian would like to amend the straw poll include all 4 comments.
		1. **Straw Poll 1**

Do you prefer the following resolution?

Option A: accept in principle the resolution provided by commenters of CID 7001, 7002, 7003, 7012

Option B: reject, not enough details in the proposed changes

Option C: reject, disagree with the comments and no change

Option D: make no decision in this week

* + 1. After above discussions, the group conducted the straw poll and the votes are

**Option A: 23; Option B: 13; Option C: 10; Option D: 25**

* 1. Based on the straw poll results, Adrian suggested the same topic being discussed or straw poll being conducted in the working group. Due to a full agenda in the Mid Plenary, this could be discussed on Friday working group closing plenary.
	2. Marc voiced concerns on discussions on Friday as many of the members had their travel plan and might not be able to attend Friday meeting.
	3. Joseph (Interdigital) shared the concerns on discussions on Friday. He suggested considering to conduct E-Poll on the issue.
	4. Adrian commented that the official ending time of 802.11 meeting is 12pm Friday. Members are supposed to participate the Friday meeting. It is the member’s own choice if not attending. However, he is not against to conduct E-Poll, with detailed explanation on the different options.
	5. Sean questioned about the effect of E-Poll.
	6. Adrian would like to gather information and opinions from the whole working group.
	7. Sean commented that the group should focus on concrete steps and propose ways to make consensus in July. Conducting more straw polls may not help.
	8. Andrew and Marc concurred the group should have more discussions.
	9. Regarding the working group discussion, Adrian would like to have a straw poll as follows.
		1. **Straw Poll 2**

Should we

Option A: repeat SP above in Friday Plenary

Option B: perform SP (with more explanation) using e-Poll

Option C: Neither of above

* 1. Marc suggested additional Option as

Option D: perform SP or e-Poll asking question: “should amendment be allowed to go to SB while members assert there is a missing LoA”?

* 1. Rolf (Qualcomm) commented that Option D is not necessary as it has been addressed by the IEEE SA guideline where LoA issue will be considered before the approval of standard by SA.
	2. Matthew commented that the group might like to know what to do without LoA. It might be important in the sense that whether the group would need to modify the Draft before submitting Draft to SA. At the time of submitting to SA, it might be too late to make amendments should SA does not approve.
	3. Adrian and Sean agreed not to have Option D in the straw poll.
	4. After above discussions, the group conducted the straw poll without option D and the votes are

**Option A: 0; Option B: 0; Option C: 37**

* 1. Based on the straw poll, Chair would like to continue the discussions related to LoA in July.
1. Chair continued the meeting with Agenda items.
2. **Motion for submissions made during conference calls and May F2F meeting**

**Motion2: Move to adopt the comment Resolutions in 11-15/661r0**

**Moved by: Zander Lei Second by: Matthew Fischer**

**Discussion: None**

**Results: Yes: 4; No: 0; Abstain: 2**

1. **Motion for draft text**
	1. As there are 4 comments remaining unresolved and all other resolutions do not need to make amendment to draft, there is no motion on modifying draft text.
2. **Conference call plan**
	1. The following plan has been proposed and fixed without objection

**June 9, 8PM ET for 2 hour**

**July 7, 8PM ET for 2 hour**

1. **Timeline review**
	1. There is no change to the timeline. The group will address the remaining 4 comments related to LoA issue in July and conference calls between May and July.
2. **As there was no other business, Chair adjourned the meeting for the week at 9:20am.**