IEEE P802.11  
Wireless LANs

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| IEEE 802.11ba Task Group Meeting Minutes for January Meeting, Irvine, CA, US | | | | |
| Date: 2019-11-14 | | | | |
| Author(s): | | | | |
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Abstract

Rev 0: Meeting Minutes for the IEEE 802.11ba TG sessions held in Irvine, CA, US

**Monday, January 13, 2020, 10:30-12:30 am**

**Meeting Agenda:**

The meeting agenda is shown below, and published in the agenda document:

<https://mentor.ieee.org/802.11/dcn/19/11-19-2124-02-00ba-2020-january-tgba-agenda.pptx>

* Call meeting to order
* IEEE 802 and 802.11 IPR Policy and procedure
* **Motion**: November 2019 meeting (doc: IEEE 802.11-19/2080r0) and teleconference minutes (doc: IEEE 802.11-20/0088r0) approval
* Presentations on comment resolutions
* [CR motions and WG recirculation letter ballot]   
  (if all CR documents are reviewed and ready for motion)
* EC report for SA ballot review (11-20/0130r0)
* Recess

**Chair Minyoung Park (Intel) calls the meeting to order at 10:34 am.** (about10 persons in the room.)

Minyoung presents the slide about Meeting protocol (slide 4).

Minyoung reminds about recording attendance (slide 5) and goes through slide 6 “Attendance, Voting & Document Status”.

Minyoung presents the schedule for the week (slide 7). There are four sessions in total. We may be able to cancel at least one of the slots.

Minyoung presents the slide “Main agenda items for the week” (slide 8). The main agenda items are shown below:

* Complete comment resolution on TGba D5.0 (LB248) and instruct the editor to generate P802.11ba D6.0
* Approve WG recirculation letter ballot
* Approve motion to request conditional approval from EC to forward draft 6.0 to SA ballot
* Review TG timeline

Minyoung goes through the list of submissions (slides 9). 4 submissions are received in total.

Minyoung goes through the agenda for the meeting (slide 10). Minyoung asks if there are any questions on the agenda. No response from the group.

Minyoung asks if there is any objection to approve the agenda for the week. No response from the group so the agenda is approved.

Minyoung goes through the slides “Participants have a duty to inform the IEEE” (slide 12) and “Ways to inform IEEE” (slide 13).

Minyoung makes a Call for Potentially Essential Patents. No potentially essential patents reported and no questions asked.

Minyoung goes through “Other Guidelines for IEEE WG meetings” (slide 14) and “Patent-related information” (slide 15).

Minyoung reads through “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 16) and “Participants in the IEEE-SA “individual process” shall  
act independently of others, including employers”(slide 17).

Minyoung goes through “IEEE-SA standards activities shall allow the fair &  
equitable consideration of all viewpoints” (slide 18).

Minyoung goes through the Summary from November 2019 Meeting and Teleconference Calls, shown below.

* **In November meeting:**
  + Completed comment resolution on D4.0 (LB243)
  + Approved 15-day WG recirculation letter ballot on D5.0 (LB248)
  + Reviewed TG timeline
  + Agenda: doc:11-19/1743r11
* **LB 248 results (closed on December 17)**
  + **Results**: 258 Approve, 12 Disapprove, 22 Abstain
  + **Approval rate**: 96%
  + 1 member changed vote to approve after the LB (**updated disapprove votes = 11)**
  + **Comments received**: Total 22 (19technical comments, 1 Editorial, 2 General)
* **Teleconference call**
  + Reviewed 15 comments; 6 unresolved CIDs left

**Motion:** Approve TGba minutes of November 2019 meeting [doc: IEEE 802.11-19/2080r0] and teleconference calls [doc: IEEE 802.11-20/0088r0]

* + Move: Eunsung Park
  + Second: Xiaofei Wang

Motion passed by unanimous consent.

**Presentations:**

**11-20/0074r0, “Simulation results with new 4 us and 2 us symbols”, Vinod Kristem (Intel):** The contribution is presented by Minyoung Park.

New proposals for 4 us and 2 us are presented to be included as examples in the specification, replacing the Example 3 symbols.

**11-20/0078r0, “Comment Resolutions on Correlation Tests”, Steve Shellhammer (Qualcomm):**

The document provides comment resolutions for CIDs: 5017, 5018, 5020 and 5021.

CID 5017: No discussion.

CID 5018: No discussion.

CID 5020: No discussion.

CID 5021: No discussion.

The document is slightly updated and as a result, the document will be updated to r1.

Document 11-20/0078r1 will be ready for motion

**11-20/0077r0, “Comment Resolutions on BPSK Mark Symbols”, Steve Shellhammer (Qualcomm):** The document provides comment resolutions for CID: 5009.

CID 5009: No discussion.

Document 11-20/0077r0 is ready for motion.

The meeting is recessed at 11:06am for 5 minutes while Minyoung tries to find Alfred Asterjadhi.

The meeting is resumed at 11:11am.

**11-20/0002r0, “Comment resolutions for CID 5000”, Alfred Asterjadhi (Qualcomm)**

This submission proposes resolutions for multiple comments related to TGba D5.0 with the following CID (1 CID): 5000

CID 5000: No discussion.

Document 11-20/0002r0 is ready for motion.

**Motions:**

**Motion #5000:** Move to accept the comment resolutions in [11-19/2165r1] for CIDs listed below:

5010

**Move:** Po-Kai Huang

**Second:** Yongho Seok

Motion passed by unanimous consent

**Motion #5001:** Move to accept the comment resolutions in [11-19/2167r1] for CIDs listed below:

5006, 5007, 5012, 5014, 5015, 5016

**Move:** Po-Kai Huang

**Second:** Alfred Asterjadhi

Motion passed by unanimous consent

**Motion #5002:** Move to accept the comment resolutions in [11-19/2166r1] for CIDs listed below:

5001, 5002, 5003, 5004, 5013, 5005, 5008

**Move:** Po-Kai Huang

**Second:** Yongho Seok

Motion passed by unanimous consent

**Motion #5003:** Move to accept the comment resolutions in [11-20/0009r1] for CIDs listed below:

5011, 5019

**Move:** Po-Kai Huang

**Second:** Alfred Asterjadhi

Motion passed by unanimous consent

**Motion #5004:** Move to accept the comment resolutions in [11-20/0077r0] for CIDs listed below:

5009

**Move:** Steve Shellhammer

**Second:** Eunsung Park

Motion passed by unanimous consent

**Motion #5005:** Move to accept the comment resolutions in [11-20/0002r0] for CIDs listed below:

5000

**Move:** Alfred Asterjadhi

**Second:** Eunsung Park

Motion passed by unanimous consent

**Presentation:**

**11-20/0130r0, “P802.11ba Report to EC on Conditional Approval to go to SA Ballot” Minyoung Park (Intel):** This document contains the report to the IEEE 802 Executive Committee in support of a request for conditional approval to send IEEE P802.11ba Draft 6.0 to SA Ballot.

Minyoung encourage the group to read and comment on this document. It is also pointed out that the timeline shown on slide 9 can potentially be impacted by what happens with respect to 802.11ax as there is some dependence.

**Recess at 11.32am**

**Tuesday, January 14, 2020, 8:00-10:00 am**

**Meeting Agenda:**

The meeting agenda is shown below, and published in the agenda document:

<https://mentor.ieee.org/802.11/dcn/19/11-19-2124-05-00ba-2020-january-tgba-agenda.pptx>

* Call meeting to order
* IEEE 802 and 802.11 IPR Policy and procedure
* Presentations on comment resolutions
* Motions
  + CR motion
  + Approval for WG recirculation letter ballot
  + Approval for Requesting EC (conditional) approval to forward to SA ballot
* Recess

**Chair Minyoung Park (Intel) calls the meeting to order at 8:12 am.** (6 persons in the room.)

Minyoung reminds about recording attendance.

Minyoung goes through the agenda as asks if these are any questions. No response from the group so the proposed agenda will be used.

**Motions:**

**Motion #5006:** Move to accept the comment resolutions in [11-20/0078r1] for CIDs listed below:

5017, 5018, 5020, 5021

**Move:** Steve Shellhammer

**Second:** Po-Kai Huang

Motion passed by unanimous consent

**WG Recirculation LB Motion**

* Having approved comment resolutions for all of the comments received from LB 248 on P802.11ba D5.0 as contained in document 11-19/2162r2,
* Instruct the editor to prepare Draft 6.0 incorporating these resolutions and,
* Approve a 15 day Working Group Recirculation Ballot asking the question “Should P802.11ba D6.0 be forwarded to Standards Association (SA) Ballot?”

**Move:** Po-Kai Huang

**Second:** Eunsung Park

Y/N/A: 5/0/0

Minyoung goes through document 11-20/0130r1, “P802.11ba Report to EC on Conditional Approval to go to SA Ballot”. In r1 the timeline has been updated to a more optimistic timeline based on the progress this week.

**Motion:** Motion to Approve Report to EC

* Approve document 11-20/0130r1 as the report to the IEEE 802 Executive Committee on the requirements for conditional approval to forward P802.11ba to Sponsor Ballot,
* Re-affirm the CSD in <https://mentor.ieee.org/802.11/dcn/16/11-16-0936-04-0wur-a-csd-proposal-for-wake-up-radio-wur.docx>, and
* Request the IEEE 802 Executive Committee to conditionally approve forwarding P802.11ba to sponsor ballot.

**Move:** Eunsung Park

**Second:** Steve Shellhammer

Y/N/A: 5/0/0

Minyoung goes through the plan for the Initial SA Ballot (slide 30).

Minyoung goes through the timeline (slide 31), shown below.

* **2019:**
  + **January**: TGba Draft 2.0
  + **March**: Comment resolution on D2.0
  + **May**: TGba Draft 3.0 – WG Recirculation LB
  + **July**: Comment resolution on D3.0
  + August: Formation of sponsor ballot pool (invitation open till Aug. 7)
  + **September**: TGba Draft 4.0 – WG Recirculation LB
  + October: MDR/MEC done (start after LB and done before Nov. F2F meeting)
  + November: TGba Draft 5.0 – WG Recirculation LB
* **2020:**
  + **January**: TGba Draft 6.0 – WG recirculation LB; Request conditional approval from EC
  + March: TGba Draft 6.0 (WGLB – unchanged recirculation)
  + March-April: Initial SB (Draft 6.0)
  + **May**: 1st recirculation SB (Draft 7.0)
  + June: 2nd recirculation SB (Draft 8.0)
  + **July**: 3rd recirculation SB (Draft 9.0, unchanged draft)
  + **September**: RevCom

Minyoung goes through the goals for March 2020 (slide 32), shown below.

* Comment assignment and resolution on D6.0
* Review timeline

Minyoung goes through the teleconference call schedule, shown below.

* February 6th 10:00 ET (2 hours)

**Recess at 8:38 am.**

**On Wednesday at 11.56pm, Minyoung announces by email that the meeting is adjourned.**