IEEE P802.11  
Wireless LANs

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| IEEE 802.11bf – Teleconference Minutes June-July 2024 | | | | |
| Date: 2024-07-09 | | | | |
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| Sang Kim | LGE |  |  |  |

Abstract

This document contains minutes for the TG 802.11bf teleconferences in June-July 2024.

Rev 0: Minutes for TG 802.11bf teleconference on the 20th of June added.

Rev 1: List of attendees for teleconference on the 20th of June added.

Rev 2: Minutes for TG 802.11bf teleconference on the 9th of July added.

**Thursday, June 20, 2024, 11:00pm - 01:00am (ET)**

**Meeting Agenda:**

The meeting agenda is shown below, and published in the agenda document: <https://mentor.ieee.org/802.11/dcn/24/11-24-0982-01-00bf-tgbf-meeting-agenda-2024-06.pptx>

1. Call the meeting to order
2. Patent policy and logistics
3. TGbf Timeline
4. Call for contribution
5. Teleconference Times
6. Presentation of submissions
7. Initial SA Ballot (D4.0) and comments assignment
8. Any other business?
9. Adjourn
10. The chair, Tony Han, calls the meeting to order at 11:04pm ET (17 persons are on the call after 10 minutes of the meeting).
11. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Participants have a duty to inform the IEEE” (slide 6), and “Ways to inform IEEE” (slide 7).

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

The chair goes through “Other Guideline for IEEE WG meetings” (slide 8), “Patent related information” (slide 9), “IEEE SA Copyright Policy” (slides 10 and 11), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 12), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers”(slide 13), and “IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints” (slide 14), and “Required notices” (slide 15).

The chair goes through the agenda (slide 16) and asks if there are any question on the agenda. No response from the group.

The chair asks if there is any objection to approve the agenda by unanimous consent. No response from the group. As a result, the agenda is approved.

1. The chair goes through the timeline (slide 17).
2. The chair goes through the call for contribution (slide 18)
3. The chair presents slide 19, which showes the results of the SA Ballot (D4.0). 207 comments received. The approval rate was 90%. Almost all comment assignments are done. Alecs requests to not be the PoC for DMG as he will not attending the f2f meetings. Naren agrees to help out. Some discussion about how the assigments have been done as there has not been many email on the reflector.
4. Slide 20
5. The chair presents slide 22, showing the allocated time slots for the f2f meeting.
6. The chair presents slide 23, showing the allocated time slots for the f2f meeting in July. Tony explains that he has still not received the Canadian Visa and my thus have to lead the meeting remotely.
7. Presentations:

**11-24/1050r2, “SA1 comment resolution for OSC category”, Ali Raissinia (Qualcomm):**

Comment resolution for CIDs 6026, 6034 and 6006 (total of 3 CIDs).

CID 6026: There is a comment from the group that Ali is referring to the TGbk editor rather than TGbf. Ali will correct and upload a new revision.

CID 6034: No discussion.

CID 6006: No discussion.

The document will be updated to r3.

**Straw Poll:** Do you support the proposed resolutions to CIDs 6026, 6034, and 6006?

**Result:** Unanimously supported

**11-24/1052r0, “**Resolutions for Exchange CIDs for SA1 Ballot**”, Cheng Chen (Intel):**

This submission proposes resolutions to the following comments submitted in SA1 Ballot under Exchange topic. The CIDs are referring to D4.0. The text used as reference is D4.0.

CIDs: 6000 6001 6048 6181 6182 6191

CID 6000: Some discussion what words should be used in normative text.

CID 6001: Some discussion, and as a result the proposed resolution text is slightly updated. It is agreed to defer this CID to allow for some more offline discussion.

CID 6048: No discussion.

CIDs 6181 and 6182: Some clarifying discussion, pointing out that in 11bk very similar changes have been made. The CIDs are deferred.

CID 6191: No discussion.

As some changes are made, Cheng will upload r1 on Mentor.

**Straw Poll:** Do you support the proposed resolutions to CIDs 6000, 6048, and 6091?

**Result:** Unanimously supported

**11-24/1055r0, “Resolution for CID 6199 for SA1 Ballot”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in SA1 Ballot under SBP topic. The CIDs are referring to D4.0. The text used as reference is D4.0.

CID 6199: No discussion.

**Straw Poll:** Do you support the proposed resolutions to the CIDs and incorporate the text changes into the latest TGbf draft?

**Result:** Unanimously supported

Q: Draft 6.0 of Revme is available, when will our group revise our draft so that it is based on this rather than on D5.1?

A: We will check with the editor when he is back.

1. Any other business. No response from the group
2. The meeting is adjourned without objection at 00:32am.

**List of Attendees:**

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| Breakout | Timestamp | Name | Affiliation |
| TGbf | 6/20 | Beg, Chris | Cognitive Systems Corp. |
| TGbf | 6/20 | Dong, Xiandong | Xiaomi Inc. |
| TGbf | 6/20 | feng, Shuling | MediaTek Inc. |
| TGbf | 6/20 | Kamel, Mahmoud | InterDigital, Inc. |
| TGbf | 6/20 | Kim, Sang Gook | LG ELECTRONICS |
| TGbf | 6/20 | Lim, Dong Guk | LG ELECTRONICS |
| TGbf | 6/20 | narengerile, narengerile | Huawei Technologies Co., Ltd |
| TGbf | 6/20 | Ptasinski, Henry | Element78 Communications LLC |
| TGbf | 6/20 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbf | 6/20 | Shirakawa, Atsushi | SHARP CORPORATION |
| TGbf | 6/20 | Wei, Dong | Guangdong OPPO Mobile Telecommunications Corp.,Ltd |
| TGbf | 6/20 | Wilhelmsson, Leif | Ericsson AB |

**Tuesday, July 9, 2024, 10:00am - 12:00pm (EDT)**

**Meeting Agenda:**

The meeting agenda is shown below, and published in the agenda document: <https://mentor.ieee.org/802.11/dcn/24/11-24-0982-02-00bf-tgbf-meeting-agenda-2024-06.pptx>

1. Call the meeting to order
2. Patent policy and logistics
3. TGbf Timeline
4. Call for contribution
5. Teleconference Times
6. Presentation of submissions
7. Initial SA Ballot (D4.0) and comments assignment
8. Any other business?
9. Adjourn
10. The chair, Tony Han, calls the meeting to order at 10:00am EDT (16 persons are on the call after 10 minutes of the meeting).
11. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Participants have a duty to inform the IEEE” (slide 6), and “Ways to inform IEEE” (slide 7).

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

The chair goes through “Other Guideline for IEEE WG meetings” (slide 8), “Patent related information” (slide 9), “IEEE SA Copyright Policy” (slides 10 and 11), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 12), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers”(slide 13), and “IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints” (slide 14), and “Required notices” (slide 15).

The chair goes through the agenda (slide 17) and asks if there are any question on the agenda. No response from the group.

The chair asks if there is any objection to approve the agenda by unanimous consent. No response from the group. As a result, the agenda is approved.

1. The chair goes through the timeline (slide 18).
2. The chair goes through the call for contribution (slide 19)

The chair presents slide 20, which showes the results of the SA Ballot (D4.0). 207 comments received. The approval rate was 90%. Almost all comment assignments are done. Alecs requests to not be the PoC for DMG as he will not attending the f2f meetings. Naren agrees to help out. Some discussion about how the assigments have been done as there has not been many email on the reflector.

Slide 21 shows initial SA Ballot (D4.0) and comments assignment. The editor stated that all the comments are assigned and emphasized that D5.0 should be out of September meeting. He also mentioned that some comments are tricky and try to bring them to the group sooner. We have 2 months to resolve the comments that is doable.

Slides 22 and 23 shows initial SA Ballot (D4.0) CR Status.

The chair presents slide 24, showing the teleconference times after May Interim meeting.

The chair presents slide 25, showing the allocated time slots for the f2f meeting in July. He stated that this is the last teleconference before the face-to-face meeting next week, Montreal Canada.

1. Slide 26 shows a tentative teleconference schedule after July meeting. It is regular 2 meetings / week. If any change is needed, please let him know.

Slide 28 shows a motion list for today, but it is delayed to the next week due to the absence of the presenter.

1. Presentations:

**11-24/1090r0, “Resolution for SA1 comments”, Chaoming Luo (OPPO):** This submission resolves miscellaneous comments. The following CIDs are resolved: 6023, 6029, 6035, 6036, 6037, 6196, 6197.

CID 6023: No comment.

CID 6029: Comment is raised that it is not understandable EHT STA is not non-MLD non-AP STA. After a long discussion, NOTE 1 is deleted and a new paragraph is added into Section 11.55.1.5.1 (General): In case of MLO, the sensing measurement exchanges shall be per-link.

CID 6035: The diagram for Class 1a is checked and is confirmed that makes sense.

CID 6036: No comment

CID: 6037: No comment

CID: 6196: No comment

CID: 6197: No comment

The document will be updated to r1.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 6023, 6029, 6035, 6036, 6037, 6196, and 6197, in 11-24/1090r1?

**Result:** Unanimously supported

**11-24/1046r0, “Initial SA ballot comments – Individual comments”, Narengerile (Huawei):** This document proposes the resolutions to the following “Individual” CIDs:

6010, 6068, 6114, 6117, 6118, 6122, 6123, 6130, 6131, 6135, 6137, 6138, 6139, 6149, 6153, 6155 (16 in total)

CID 6010: No comment

CID 6068: Question is raised on the difference between the sensing measurement results and the CSI variation feedback value. It is replied that the CSI variation feedback value is for threshold-based reporting.

CID 6114: No comment

CID 6117: No comment

CID 6118: No comment

CID 6122: No comment

CID 6123: No comment

CID 6130: No comment

CID 6131: No comment

CID 6135: No comment

CID 6137: No comment

CID 6138: No comment

CID 6139: No comment

CID 6149: No comment

CID 6153: No comment

CID 6155: No comment

**Straw Poll:** Do you agree to the resolutions provided for CIDs 6010, 6068, 6114, 6117, 6118, 6122, 6123, 6130, 6131, 6135, 6137, 6138, 6139, 6149, 6153, 6155 in 24/1046r0 to be included in the latest 11bf Draft?

**Result:** Unanimously supported

1. The chair stated that will come to Montreal meeting next week.
2. Any other business. No response from the group
3. The meeting is adjourned without objection at 11:10 am EDT.

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| Breakout | Timestamp | Name | Affiliation |
| TGbf | 7/9 | da Silva, Claudio | Meta Platforms; PWC, LLC |
| TGbf | 7/9 | Dong, Xiandong | Xiaomi Inc. |
| TGbf | 7/9 | feng, Shuling | MediaTek Inc. |
| TGbf | 7/9 | Kain, Carl | Noblis, Inc.; USDoT |
| TGbf | 7/9 | Kamel, Mahmoud | InterDigital, Inc. |
| TGbf | 7/9 | Kim, Sang Gook | LG ELECTRONICS |
| TGbf | 7/9 | Lim, Dong Guk | LG ELECTRONICS |
| TGbf | 7/9 | Luo, Chaoming | Beijing OPPO telecommunications corp., ltd. |
| TGbf | 7/9 | McCann, Stephen | Huawei Technologies Co., Ltd |
| TGbf | 7/9 | narengerile, narengerile | Huawei Technologies Co., Ltd |
| TGbf | 7/9 | Ptasinski, Henry | Element78 Communications LLC |
| TGbf | 7/9 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbf | 7/9 | Wei, Dong | Guangdong OPPO Mobile Telecommunications Corp.,Ltd |
| TGbf | 7/9 | Zhong, Ke | Ruijie Networks Co.,Ltd. |
| TGbf | 7/9 | Zhou, Lei | H3C Technologies Co., Limited |