IEEE P802.11  
Wireless LANs

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| IEEE 802.11bf - November 2024 Plenary Meeting Minutes | | | | |
| Date: 2024-11-19 | | | | |
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Abstract

Rev 0: This document contains the IEEE 802.11bf November 2024 Plenary meeting minutes.

### Monday, November 11, 2024, 4:00 pm-6:00 pm

**Meeting Agenda:** The meeting agenda is shown below, and published in the agenda document: <https://mentor.ieee.org/802.11/dcn/24/11-24-1670-02-00bf-tgbf-meeting-agenda-2024-11-plenary.pptx>

1. Call the meeting to order
2. Patent policy and logistics
3. Approve TGbf meeting minutes
4. TGbf Timeline
5. Call for contribution
6. Teleconference Times
7. Presentation of submissions
8. Guidance for Mix mode meeting
9. 1st SA Ballot Recirculation (D5.0) CR Status
10. Motion (591)
11. Any other business?
12. Recess
13. The chair, Tony Xiao Han, calls the meeting to order at 4:00 pm (45 persons are on the call after 40 minutes of the meeting, 9 persons are in the room).
14. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Registration for the November Plenary session” (slide 5), “Participants have a duty to inform the IEEE” (slide 7), and “Ways to inform IEEE” (slide 8).

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 9), “Patent related information” (slide 10), “IEEE SA Copyright Policy” (slides 11 and 12), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 13), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers” (slide 14), and “IEEE-SA standard activities shall allow the fair & equitable consideration of all viewpoints” (slide 15), and “Required notices” (slide 16).

The chair goes through the agenda (slide 17) and asks if there are any questions or comments on the agenda. There is a question whether there are resolutions for all comments. This is confirmed to be the case by the chair.

The chair asks if there is any objection to approve the agenda by unanimous consent. No objection from the group so the agenda is approved.

1. **Motion:** Approve TGbf meeting minutes

Move to approve TGbf minutes of meetings and teleconferences from September 2024 meeting to today:

* + September Interim :

<https://mentor.ieee.org/802.11/dcn/24/11-24-1642-00-00bf-ieee-802-11bf-september-2024-interim-meeting-minutes.docx>

* + Teleconferences October - November:

<https://mentor.ieee.org/802.11/dcn/24/11-24-1814-00-00bf-ieee-802-11bf-teleconference-minutes-november-2024.docx>

**Move:** Leif Wilhelmsson

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

1. The chair presents the TGbf Timeline (slide 23).
2. The chair presents slide 24, Call for contributions.
3. The chair presents slide 25, the status report for 1st SA Ballot circulation (D5.0).
4. The chair presents the schedule for November f2f meeting, slide 26. The chair presents the teleconference times after the November f2f meeting, slide 27. The chair presents the plans for the January f2f meeting, slide 28.
5. The chair presents Guidance for Mix mode meeting (slide 29).
6. Motions:

**Motion 591:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 13, 14, 16, 17, 18
  + as specified in doc.: 11-24/1716r1

**Move:** Cheng Chen

**Second:** Ali Raissinia

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document: 11-24/1716r1
  + SP Result: Unanimous consent

1. Presentation of submissions

**11-24/1795r2, “SA2 Comment Resolutions”, Ali Raissinia (Qualcomm):** Comment resolution for CIDs R1-1, R1-2, R1-4, R1-19, R1-21, R1-22, R1-26, R1-29 (total of 8 CIDs). Also, there is a missing normative text regarding AP sending explicit termination frame during the non-TB sensing measurement exchange.

CID R1-1: No discussion.

CID R1-2: No discussion.

CID R1-4: Some clarifying discussion.

CID R1-19: No discussion.

CID R1-21, 22: Some clarifying discussion.

CID R1-26: Some clarifying discussion. A minor typo is identified and corrected.

CID R1-29: No discussion.

Ali also goes through a “bug-fix” not directly related to any of the comment resolutions above. It is proposed by the group that this “bug-fix” be put in a separate document.

**Straw Poll:** Do you support the proposed resolution to the 8 CIDs in r3 of this contribution?

**Result:** Unanimously supported.

**11-24/1810r1, “SA110 comments – CID R1-31”, Narengerile (Huawei):** This document proposes the resolutions to the following CIDs for SA110: R1-31 (1 in total)

CID R1-31: No discussion.

**Straw Poll:** Do you agree to the resolutions provided for CID R1-31 in 24/1810r1 to be included in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-24/1773r1, “Resolution to SA110 CIDs”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in SA1 Recirculation Ballot. The CIDs are referring to D5.0. The text used as reference is D5.0.CIDs: R1-7, R1-10, R1-30

CID R1-7: No discussion.

CID R1-10: No discussion.

CID R1-30: 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.

**11-24/1825r0, “Proposed resolutions for comments on D5.0”, Claudio da Silva (Meta):** This document contains proposed resolutions for comments on D5.0 (SA110).

CIDs: R1-3, R1-5, R1-8, R1-28, R1-9, R1-11, R1-12

CID R1-3: No discussion.

CID R1-5: No discussion.

CID R1-8: No discussion.

CID R1-28: No discussion.

CID R1-9,11,12: 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.

**11-24/1869r0, “D5.0 CR for R1-34 and R1-35”, Shulig Julia Feng (Mediatek):** This submission proposes resolutions to the following comments submitted for SA110 on 11bf D5.0. CIDs: R1-34, R1-35

CID R1-34: No discussion.

CID R1-35: No discussion.

**Straw Poll:** Do you agree to the resolutions provided for R1-34 and R1-35 in 802.11-24/1869r0 to be included in 11bf Draft 5.1?

**Result:** Unanimously supported.

**11-24/1900r2, “SA110 CID resolutions”, Zhuqing Tang (Huawei):** This document proposes the resolutions to the following SA110 CIDs: R1-20, R1-24, R1-27

CID R1-20: No discussion.

CID R1-24: Some comments from the group and as result Zhuqing will update the proposed resolution.

CID R1-27: No discussion.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 6:00 pm.

### Tuesday, November 12, 2024, 4:00 pm-6:00 pm

**Meeting Agenda:** The meeting agenda is shown below, and published in the agenda document: <https://mentor.ieee.org/802.11/dcn/24/11-24-1670-03-00bf-tgbf-meeting-agenda-2024-11-plenary.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. Guidance for Mix mode meeting
8. 1st SA Ballot Recirculation (D5.0) CR Status
9. Motion (592-600)
10. Motion 601: P802.11bf second recirculation SA ballot
11. Any other business?
12. Recess
13. The chair, Tony Xiao Han, calls the meeting to order at 4:00 pm (51 persons are on the call after 20 minutes of the meeting, 10 persons are in the room).
14. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Registration for the November Plenary session” (slide 5), “Participants have a duty to inform the IEEE” (slide 7), and “Ways to inform IEEE” (slide 8).

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 9), “Patent related information” (slide 10), “IEEE SA Copyright Policy” (slides 11 and 12), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 13), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers” (slide 14), and “IEEE-SA standard activities shall allow the fair & equitable consideration of all viewpoints” (slide 15), and “Required notices” (slide 16).

The chair goes through the agenda (slide 18) and asks if there are any questions or comments on the agenda. The chair points out that the goal is to finish all business in this session. No response from the group.

The chair asks if there is any objection to approve the agenda by unanimous consent. No objection from the group so the agenda is approved.

1. The chair presents the TGbf Timeline (slide 23).
2. The chair presents slide 24, Call for contributions.
3. The chair presents slide 25, the status report for 1st SA Ballot circulation (D5.0).
4. The chair presents the schedule for November f2f meeting, slide 26. The chair presents the teleconference times after the November f2f meeting, slide 27. The chair presents the plans for the January f2f meeting, slide 28.
5. The chair presents Guidance for Mix mode meeting (slide 29).
6. Motions:

**Motion 592:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: R1-31
  + as specified in doc.: 11-24/1810r1

**Move:** Narengerile

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document: 11-24/1810r1
  + SP Result: Unanimous consent

**Motion 593:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: R1-1, R1-2, R1-4, R1-19, R1-21, R1-22, R1-26, R1-29 (total of 8 CIDs)
  + as specified in doc.: 11-24/1795r3

**Move:** Ali Raissinia

**Second:** Mahmoud Kamel

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document: 11-24/1795r3
  + SP Result: Unanimous consent

**Motion 594:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: R1-7, R1-10, R1-30 (total of 3 CIDs)
* as specified in doc.: 11-24/1773r1

**Move:** Cheng Chen

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document: 11-24/1773r1
  + SP Result: Unanimous consent

**Motion 595:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: R1-3, R1-5, R1-8, R1-28, R1-9, R1-11, R1-12 (total of 7 CIDs)
  + as specified in doc.: 11-24/1825r0

**Move:** Claudio da Silva

**Second:** Cheng Chen

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document: 11-24/1825r0
  + SP Result: Unanimous consent

**Motion 596:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: R1-34 and R1-35
  + as specified in doc.: 11-24/1869r0

**Move:** Shuling (Julia) Feng

**Second:** Chris Beg

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document: 11-24/1869r0
  + SP Result: Unanimous consent

1. Presentation of submissions

**11-24/1900r3, “SA110 CID resolutions”, Zhuqing Tang (Huawei):** This document proposes the resolutions to the following SA110 CIDs: R1-20, R1-24, R1-27

The contribution was presented yesterday, and Zhuqing goes through the update of R-24.

CID R-24: 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.

**11-24/1906r0, “SA110 comments – CID R1-32, 36, 37”, Rui Du (Huawei):** This document proposes the resolutions to the following CIDs for SA110: R1-32, 36, 37

CIDs R1-32, 36, 37: No discussion.

**Straw Poll:** Do you agree to the resolutions provided for CID R1-32, 36, 37 in 24/1906r0 to be included in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-24/1788r1, “SA110 Reporting CID Resolutions”, Chris Beg (Cognitive Systems):**

This submission addresses SA110 CIDs: R1-6, R1-23, R1-25, R1-33

R1-6: No discussion.

R1-23: No discussion.

R1-25: No discussion.

R1-33: No discussion.

**Straw Poll:** Do you support the resolution to CIDs: R1-6, R1-23, R1-25, R1-33 from 11-24/1788r1 and incorporating the changes into the latest TGbf draft?

**Result:** Unanimously supported.

**11-24/1934r1, “AP termination frame to unassociated non-AP STA in NTB”, Ali Raissinia (Qualcomm):** Missing normative text for AP (as a sensing responder) to transmit an explicit termination frame to an unassociated non-AP STA (as a sensing initiator).

**Straw Poll:** Do you support the proposed text as described in document 24/1934r1and incorporate it into the latest TGbf draft?

**Result:** Unanimously supported.

Motions:

**Motion 597:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: R1-20, R1-24, R1-27
  + as specified in doc.: 11-24/1900r3

**Move:** Zhuqing Tang

**Second:** Narengerile

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document: 11-24/1900r3
  + SP Result: Unanimous consent

**Motion 598:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: R1-32, R1-36, R1-37
  + as specified in doc.: 11-24/1906r0

**Move:** Zhuqing Tang

**Second:** Narengerile

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document: 11-24/1906r0
  + SP Result: Unanimous consent

**Motion 599:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: R1-6, R1-23, R1-25, R1-33
  + as specified in doc.: 11-24/1788r1

**Move:** Chris Beg

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document: 11-24/1788r1
  + SP Result: Unanimous consent

**Motion 600:** Move to include the text proposed in the following document into the IEEE 802.11bf draft amendment:

* + as specified in doc.: 11-24/1934r0

**Move:** Ali Raissinia

**Second:**  Dongguk Lim

**Result:** Motion passed by unanimous consent

Note：

* + Related document: 11-24/1934r0
  + SP Result: Unanimous consent

**Motion 601:** P802.11bf second recirculation SA ballot

* Having approved comment resolutions for all of the comments received from the first recirculation SA ballot on P802.11bf D5.0, as contained in document 11-24/1938r0, <https://mentor.ieee.org/802.11/dcn/24/11-24-1938-00-00bf-sa110-comments-and-approved-resolutions.xlsx>

Instruct the editor to prepare P802.11bf D6.0 incorporating these resolutions and,

* Approve a 20 day SA Recirculation Ballot asking the question “Should P802.11bf D6.0 be forwarded to RevCom?”

**Moved:** Claudio da Silva

**Seconded:** Sang Kim

**Result:** Motion passed by unanimous consent

The chair explains that he will cancel the two slots on Wednesday but keep the slot on Thursday in case something will come up.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 5:03 pm.

On Friday AM1 the November Plenary was adjourned.