IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IEEE 802.11bf - November 2023 Plenary Meeting Minutes | | | | |
| Date: 2023-11-17 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Leif Wilhelmsson | Ericsson AB | Mobilvägen 1, 22632 Lund, Sweden | +46-706-216956 | [leif.r.wilhelmsson@ericsson.com](mailto:leif.r.wilhelmsson@ericsson.com) |

Abstract

Rev 0: This document contains the IEEE 802.11bf November 2023 Plenary meeting minutes.

### Monday, November 13, 2023, 8:00 am-10:00 am

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-1717-01-00bf-tgbf-meeting-agenda-2023-11-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 November Plenary
8. Any other business?
9. Recess
10. The chair, Tony Xiao Han, calls the meeting to order at 8:09 am (45 persons are on the call after 20 minutes of the meeting, 22 persons are in the room).
11. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the September Interim 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 standards 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. 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 21).
2. The chair presents slide 23, Call for contributions.
3. The chair presents the teleconference times (slides 24 and 25) and preliminary January f2f times.
4. The chair presents Guidance for Mix mode November Plenary meeting (slide 27) and Claudio gives a status update (slides 28 and 29) and there is some discussion about the status of some of the more controversial comments.
5. Presentation of submissions

**11-23/1446r2, “Enabling fully functional 320 MHz sensing”, Cheng Chen (Intel):**

This contribution discusses a technical proposal to enable fully functional 320 MHz sensing for 11bf and the associated changes needed for 11bf D2.0 for this proposal.

Question/Comment(Q): How do we define a baseline and what is the status of 11bk at the moment?

Answer (A): About the status, it is mainly the puncturing that is relevant for us, but as I explained this does not matter for 11bf. Concerning the procedure, I have discussed this with the 802.11 officers.

Q: I also agree that there are no procedural issues.

Q: The technical baseline is REVme.

Q: If this is not accepted, my suggestion is to remove it because then it will not be implemented. This proposed change is really to speed up adoption of 320 MHz.

**Straw Poll:** Do you agree with the following update on the 11bf PAR?

* + 5.3 Is the completion of this standard dependent upon the completion of another standard: Yes
  + If yes please explain: As defined in 5.2.b, to enhance WLAN sensing, this amendment augments PHY and MAC capabilities defined in the IEEE P802.11ax, IEEE P802.11ay, IEEE P802.11az, and IEEE P802.11be, and IEEE P802.11bk amendments and the IEEE P802.11 revision standard.

**Result:** Y/N/A: 19/4/9

**11-23/1816r1, “LB276 CR for DMG Sensing Report etc”, Atsushi Shirakawa (Sharp):** This submission proposes resolutions for CID 3115, 3116, 3117, 3119, 3120, 3233, 3234, 3507, 3513, 3518, 3519, 3520, 3521 received for TGbf LB276

CID 3115: No discussion.

CID 3116: No discussion.

CID 3117: No discussion.

CID 3119: No discussion.

CID 3120: No discussion.

CID 3233: No discussion.

CID 3234: No discussion.

CID 3507: No discussion.

CID 3518: No discussion.

CIDs 3513, 3519, 3520, and 3521: No discussion.

**Straw Poll:** Do you agree to the resolution provided for following CIDs 3115, 3116, 3117, 3119, 3120, 3233, 3234, 3507, 3513, 3518, 3519, 3520, 3521 to be included in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-23/1859r0, “LB276 - Comment resolutions for DMG part 2”, Yan Xin (Huawei):** This submission includes the resolutions for the following three comments to P802.11bf D2.0: 3270, 3330, 3522

CID 3270: The proposed resolution is changed to revised and motivation is added.

CID 3330: The proposed resolution is updated to rejected. It was stated as withdrawn, which is not a valid resolution.

CID 3522: The proposed resolution is slightly updated based on feedback from the group.

Since some changes are made, r1 will be uploaded to Mentor.

**Straw Poll:** Do you agree with the proposed resolutions in 11-23/1859r1?

**Result:** Unanimously supported.

**11-23/1879r0, “LB276 CR for SR2SI Sounding Trigger frame”, Dongguk Lim (LGE):** This submission proposes the resolutions for following 5 CID: 3195, 3292, 3293, 3294, and 3337

CID 3195: No discussion.

CID 3292: Some clarifying discussion.

CIDs 3293, 3294, and 3337: Dongguk asks for feedback from the group about the two options.

Q: I prefer Option 1.

Run out of time.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 10:02 am.

### Monday, November 13, 2023, 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/23/11-23-1717-02-00bf-tgbf-meeting-agenda-2023-11-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 November Plenary
9. Motion (448 - 464)
10. Any other business?
11. Recess
12. The chair, Tony Xiao Han, calls the meeting to order at 4:00 pm (54 persons are on the call after 30 minutes of the meeting, 15 persons are in the room).
13. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the September Interim 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 standards 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. 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. **Motion:** Move to approve TGbf minutes of meetings and teleconferences from September 2023 meeting to today:
   * September Interim: <https://mentor.ieee.org/802.11/dcn/23/11-23-1641-00-00bf-ieee-802-11bf-september-2023-interim-meeting-minutes.docx>
   * Teleconferences September - November: <https://mentor.ieee.org/802.11/dcn/23/11-23-1663-12-00bf-ieee-802-11bf-teleconference-minutes-september-november-2023.docx>

**Move:** Leif Wilhelmsson

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

1. The chair presents the TGbf Timeline (slide 21).
2. The chair presents slide 23, Call for contributions.
3. The chair presents the teleconference times (slides 24 and 25) and preliminary January f2f times.
4. The chair presents Guidance for Mix mode November Plenary meeting (slide 27).
5. Motions

**Motion 448:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3074, 3156, 3157, 3159, 3309, 3310, 3313, 3314, 3336, 3400, 3478, 3491
  + as specified in doc.: 23/1678r2

**Move:** Claudio da Silva

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 23/1678r2
  + SP Result: Unanimous consent

**Motion 449:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3007, 3283, 3145, 3193, 3307, 3282
  + as specified in doc.: 11-23/1563r0

**Move:** Narengerile

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1563r0
  + SP Result: Unanimous consent

**Motion 450:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3439, 3500, 3023, 3495, 3496
  + as specified in doc.: 11-23/1721r2

**Move:** Narengerile

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1721r2
  + SP Result: Unanimous consent

**Motion 451:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3113, 3114, 3510, 3511, 3512 and 3514
  + as specified in doc.: 11-23/1669r0

**Move:** Rui Du

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1669r0
  + SP Result: Unanimous consent

**Motion 452:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3085, 3100 and 3316
  + as specified in doc.: 11-23/1670r1

**Move:** Zhuqing Tang

**Second:** Ali Raissinia

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1670r1
  + SP Result: Unanimous consent

**Motion 453:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3129, 3311, 3312, 3534
  + as specified in doc.: 11-23/1715r1

**Move:** Zhuqing Tang

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1715r1
  + SP Result: Unanimous consent

**Motion 454:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3126
  + as specified in doc.: 11-23/1862r2

**Move:** Mahmoud Kamel

**Second:** Ali Raissinia

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1862r2
  + SP Result: Unanimous consent

**Motion 455:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3011, 3031, 3223, 3301
  + as specified in doc.: 11-23/1662r0

**Move:** Claudio da Silva

**Second:** Ali Raissinia

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1662r0
  + SP Result: Unanimous consent

**Motion 456:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3381
  + as specified in doc.: 11-23/1821r2

**Move:** Ning Gao

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1821r2
  + SP Result: Unanimous consent

**Motion 457:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3009, 3536
  + as specified in doc.: 11-23/1822r0

**Move:** Claudio da Silva

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1822r0
  + SP Result: Unanimous consent

**Motion 458:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3012, 3133, 3192, 3254, 3255, 3268, 3386, 3429, 3492, 3419, 3373, 3359, 3347
  + as specified in doc.: 11-23/1820r0

**Move:** Claudio da Silva

**Second:** Cheng Chen

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1820r0
  + SP Result: Unanimous consent

**Motion 459:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3300(E), 3335, 3362, 3324(E)
  + as specified in doc.: 11-23/1845r2

**Move:** Julia Feng

**Second:** Chris Beg

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1845r2
  + SP Result: Unanimous consent

**Motion 460:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3043 3042 3092 3305 3041 3039 3371 3470 3418 3040 3198 3226 3327 3326 3167 3423 3130 3166 3165 3341 3164 3163 3485 3403
  + as specified in doc.: 11-23/1828r1

**Move:** Dibakar Das

**Second:** Cheng Chen

**Note：**

* + Related document 11-23/1828r1
  + SP Result: Unanimous consent

**Motion 461:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3118, 3122, 3235, 3236, 3237, 3238, 3383, 3384, 3375, 3267, 3273, 3240, 3242, 3243, 3244, 3385, 3379, 3224, 3225, 3229, 3230, 3231, 3232
  + as specified in doc.: 11-23/1921r1

**Move:** Alecsander Eitan

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1921r1
  + SP Result: Unanimous consent

**Motion 462:** Move the approve the following PAR update:

* + 5.3 Is the completion of this standard dependent upon the completion of another standard: Yes
  + If yes please explain: As defined in 5.2.b, to enhance WLAN sensing, this amendment augments PHY and MAC capabilities defined in the IEEE P802.11ax, IEEE P802.11ay, IEEE P802.11az, and IEEE P802.11be, and IEEE P802.11bk amendments and the IEEE P802.11 revision standard.

**Move:** Cheng Chen

**Second:** Ali Raissinia

**Preliminary Result:** Y/N/A: 27/2/4

**Result\*:** Y/N/A: 25/2/3, motion passes

**Note：**

* + \* Amended result accounts for removal of 3 votes of non-voting members.
  + Related document 19/2103r12
  + SP Result: 20Y/4N/9A

**Motion 463:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3270, 3330, 3522
  + as specified in doc.: 11-23/1859r1

**Move:** Yan Xin

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1859r1
  + SP Result: Unanimous consent

**Motion 464:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3115, 3116, 3117, 3119, 3120, 3233, 3234, 3507, 3513, 3518, 3519, 3520, 3521
  + as specified in doc.: 23/1816r1

**Move:** Claudio da Silva

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 23/1816r1
  + SP Result: Unanimous consent

1. Presentation of submissions

**11-23/1773r1, “LB276 CR for OST CIDs (11.5.1 Sensing Procedure) – Part 2”, Stephen Sand (German Aerospace Center (DLR)):** This submission discusses resolutions to the following 15 CIDs from LB276 of TGbf D2.0.

The CID list is: 3002, 3037, 3038, 3046, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3073, 3162, 3204

CID 3050: No discussion.

CID 3162: Based on feedback from the group, the proposed resolution is changed from accepted to revised.

CID 3002: The proposed resolution is slightly updated based on feedback from the group.

CID 3046: No discussion.

CID 3048: No discussion.

CIDs 3049 and 3053: Some clarifying discussion.

CID 3051: No discussion.

CID 3037: No discussion.

CID 3038: No discussion.

CID 3204: No discussion.

CID 3055: No discussion.

CID 3073: No discussion.

CID 3052: Some clarifying discussion and the proposed resolution is slightly updated.

CID 3054: No discussion.

**Straw Poll:** Do you support the resolution of the following 15 CIDs in r2 of this contribution and instruct TGbf editor to incorporate the changes into the latest TGbf draft: 3002, 3037, 3038, 3046, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3073, 3162, 3204?

**Result:** Unanimously supported.

**11-23/1970r0, “Name inconsistency – Sensing Responder Role Bitmap field”, Narengerile (Huawei):** This document addresses an editorial inconsistency in the name of the Sensing Responder Role Bitmap field in the SBP Parameters element.

**Straw Poll:** Do you agree to include the proposed draft text in DCN 23/1970r0 in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-23/1851r2, “LB276 resolutions on mixed comments”, Narengerile (Huawei):**

This document proposes the comment resolution for CID 3499, 3203, 3477, 3533, 3494, 3307, 3525, 3524, and 3210.

CID 3499: No discussion.

CID 3203: No discussion.

CID 3477: No discussion.

CID 3533: No discussion.

CID 3494: No discussion.

CID 3307: No discussion.

CID 3525: No discussion.

CID 3524: No discussion.

CID 3210: No discussion.

**Straw Poll:** Do you agree to the resolution provided for CIDs 3499, 3203, 3477, 3533, 3494, 3307, 3525, 3524, and 3210 in 23/1851r2 to be included in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-23/1869r0, “LB276 Reporting CID Resolutions”, Chris Beg (Cognitive Systems):** This submission addresses the following 15 LB276 CIDs: 3297 3296 3062 3334 3063 3207 3320 3322 3537 3299 3302 3304 3343 3010 3354.

CID 3062: Based on feedback from the group the text in the proposed resolution is slightly updated.

CID 3334: Some clarifying discussion. The proposed resolution is not changed.

CIDs 3063, 3207, and 3320: Some clarifying discussion and a minor editorial update of the proposed resolution.

Run out of time.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 6:02 pm.

### Tuesday, November 14, 2023, 8:00 am-10:00 am

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-1717-04-00bf-tgbf-meeting-agenda-2023-11-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 November Plenary
8. Any other business?
9. Recess
10. The chair, Tony Xiao Han, calls the meeting to order at 8:00 am (35 persons are on the call after 20 minutes of the meeting, 14 persons are in the room).
11. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the September Interim 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 standards activities shall allow the fair & equitable consideration of all viewpoints” (slide 15), and “Required notices” (slide 16).

The chair goes through the agenda (slide 19) and asks if there are any questions or comments on the agenda. The chair mentions that two presentations are missing, and these will be added in the next revision. 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 22).
2. The chair presents slide 24, Call for contributions.
3. The chair presents the teleconference times (slide 26) and preliminary January f2f times.
4. The chair presents Guidance for Mix mode November Plenary meeting (slide 28).
5. Presentation of submissions

**11-23/1869r0, “LB276 Reporting CID Resolutions”, Chris Beg (Cognitive Systems):** This submission addresses the following 15 LB276 CIDs: 3297 3296 3062 3334 3063 3207 3320 3322 3537 3299 3302 3304 3343 3010 3354.

Chris started to present in the last session yesterday but ran out of time. This is a continuation of yesterday’s presentation.

CIDs 3296 and 3297: Some clarifying discussion. One of the members comments that he prefers option A. Nobody expresses preference for Option B and therefore Chris selects Option A as the proposed resolution to these CIDs.

CID 3322: Some clarifying discussion. In addition, it is agreed to change the text in the proposed resolution slightly.

CID 3537: No discussion.

CID 3299: No discussion.

CID 3302: Some clarifying discussion.

CIDs 3304 and 3343: No discussion.

CID 3010: No discussion.

CID 3354: No discussion.

The SP is deferred as some additional work offline is needed.

**11-23/2056r0, “Basic SBP Feature Set”, Benedikt Schweizer (Apple):** The contribution suggests splitting the SBP feature into a mandatory Basic SBP feature and an optional Advanced SBP feature.

Q: Already when SBP was introduced we knew it was additional work even when it was relatively simple. This is why we made it optional. I believe we first should get the basic sensing operation implemented before mandating SBP. My company prefers to do this later so we would like to make SBP optional.

A: The purpose of the proposal is really to make the overhead for the AP as small as possible, considering that the AP already supports TB sensing. We believe the additional implementation work is rather limited.

Q: Personally, I don’t like having many variants as it causes fragmentation.

Q: I see what you want, but I don’t believe we need to standardize it. I think this will just cause a lot of more work to standardize.

A: I don’t agree with this. I think this does not have to be much more work.

The chair comments that this is a big thing, and it is preferable to bring such things up well in advance before the meeting.

The SP is not run.

**11-23/2071r1, “LB276 CR on sensing measurement reporting”, Dong Wei (NXP):**

This document aims to resolve the following five LB272 CIDs related to sensing measurement reporting: 3356, 3358, 3377, 3412, and 3467.

CIDs 3356, 3358, 3377, 3412, and 3467: Based on feedback from the group, the text in the proposed resolution is slightly updated. Some additional clarifying discussion.

**Straw Poll:** Do you agree to the resolutions provided in the document 11-23/2071r2for the following five CIDs: 3356, 3358, 3377, 3412, and 3467?

**Result:** Unanimously supported.

**11-23/1828r2, “CR for CIDs in 9.4.2.321 and 11.55.1.4.1”, Dibakar Das (Intel):** This submission proposes resolutions for following CIDs:

3043 3042 3092 3305 3041 3039 3371 3470 3418 3040 3198 3226 3327 3326 3167 3423 3130 3166 3165 3341 3164 3163 3485 3484 3403

Dibakar has presented before and only CID 3484 remains to be presented.

CID 3484: No discussion.

**Straw Poll:** Do you agree with the proposed resolutions in the 11-23/1828r2

**Result:** Unanimously supported.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 10:00 am.

### Tuesday, November 14, 2023, 10:30 am-12:30 pm

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-1717-05-00bf-tgbf-meeting-agenda-2023-11-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 November Plenary
8. Any other business?
9. Recess
10. The chair, Tony Xiao Han, calls the meeting to order at 10:30 am (27 persons are on the call after 20 minutes of the meeting, 13 persons are in the room).
11. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the September Interim 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 standards activities shall allow the fair & equitable consideration of all viewpoints” (slide 15), and “Required notices” (slide 16).

The chair goes through the agenda (slide 20) and asks if there are any questions or comments on the agenda. 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 25, Call for contributions.
3. The chair presents the teleconference times (slide 27)
4. The chair presents Guidance for Mix mode November Plenary meeting (slide 29).
5. Presentation of submissions

**11-23/2083r0, “LB276-DMG-CIDs-set-2”, Assaf Kasher (Self):** This document proposes resolution to the following CIDs: 3227, 3228, 3239.

CIDs 3227 and 3228: No discussion.

CID 3239: Comment from the group to add “Revise”.

**Straw Poll:** Do you agree to the resolution for CIDs: 3227, 3228, 3239 as specified in 11-23-2083r1?

**Result:** Unanimously supported.

**11-23/2025r1, “Parallel coordinated DMG monostatic sensing over multiple channels”, Yan Xin (Huawei):**

Q: I see a few issues, e.g. that there is a risk of collision and the time it takes for channel switching. In many cases I believe the time channel switching time will prevent it from working.

A: I believe the channel switching it similar to the wideband operation in 11ay, so I don’t really see why there needs to be such a large channel switching time.

Some clarifying discussion with respect to that the switching must be to channel negotiated beforehand.

Q: I believe this is a new feature and I would suggest coming back to this after we have generated D3.0.

It is agreed to have more offline discussions.

**11-23/1791r0, “LB276 comment resolutions for SBP”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 3161, 3189 and 3515

CID 3161: A typo is noted and corrected in the proposed resolution text.

CID 3189: No discussion.

CID 3515: There is a comment from the group that it would be better to have the unit for the time duration explicitly written. As a result, the text is updated accordingly

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 3161, 3189 and 3515 in 11-23/1791r1?

**Result:** Unanimously supported.

**11-23/1946r0, “LB276 comment resolutions for OST part 2”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 3199 and 3422.

CID 3199: Some clarifying discussion and as a result the text in the proposed note is slightly modified.

CID 3422: No discussion.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 3199 and 3422 in 11-23/1946r1?

**Result:** Unanimously supported.

**11-23/1918r0, “LB276 comment resolutions for DMG part 2”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 3516 and 3517.

CID 3516: A typo is identified and corrected.

CID 3517: Some typos are identified and corrected.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 3516 and 3517 in 11-23/1918r1?

**Result:** Unanimously supported.

**11-23/1941r0, “LB 276 CR for CIDs 3472 and 3535”, Mahmoud Kamel (InterDigital):** This submission proposes resolutions for CIDs 3472 and 3535 in subclauses 11.55.1.5.2.2 and 11.55.1.4.2 in P802.11bf D2.0.

CID 3472: No discussion.

CID 3535: No discussion.

**Straw Poll:** Do you support the proposed resolutions in 11-23/1941r0?

**Result:** Unanimously supported.

**11-23/2057r0, “LB276 Comment Resolution for CID 3155”, Ali Raissinia (Qualcomm):** Proposed comment resolution for CID 3155.

CID 3155: Some clarifying discussion and correction of some typos.

**Straw Poll:** Do you support the proposed resolutions in 11-23/2057r1?

**Result:** Unanimously supported.

**11-23/1869r0, “LB276 Reporting CID Resolutions”, Chris Beg (Cognitive Systems):** This submission addresses the following 15 LB276 CIDs: 3297 3296 3062 3334 3063 3207 3320 3322 3537 3299 3302 3304 3343 3010 3354.

Chris has already presented r0, but more work was needed regarding CID 3322 which now has been updated.

CID 3322: No discussion.

**Straw Poll:** Do you support the resolution to CIDs 3297 3296 3062 3334 3063 3207 3320 3322 3537 3299 3302 3304 3343 3010 3354 from 11-23/1869r1 and to incorporate the changes into the latest TGbf draft?

**Result:** Unanimously supported.

Claudio gives an update of the CID status. There are currently 52 CIDs remaining to be resolved.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 12:33 pm.

### Wednesday, November 14, 2023, 10:30 am-12:30 pm

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-1717-08-00bf-tgbf-meeting-agenda-2023-11-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 November Plenary
8. Motion (465-480)
9. Any other business?
10. Recess
11. The chair, Tony Xiao Han, calls the meeting to order at 10:33 am (34 persons are on the call after 20 minutes of the meeting, 14 persons are in the room).
12. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the September Interim 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 standards activities shall allow the fair & equitable consideration of all viewpoints” (slide 15), and “Required notices” (slide 16).

The chair goes through the agenda (slide 21) and asks if there are any questions or comments on the agenda. 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 24).
2. The chair presents slide 26, Call for contributions.
3. The chair presents the teleconference times (slide 28)
4. The chair presents Guidance for Mix mode November Plenary meeting (slide 30).
5. Motions

**Motion 465:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3002, 3037, 3038, 3046, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3073, 3162, 3204
  + as specified in doc.: 11-23/1773r2

**Move:** Stephan Sand

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1773r2
  + SP Result: Unanimous consent

**Motion 466:** Move to include the text proposed in the following document into the IEEE 802.11bf draft amendment:

* + as specified in doc.: 11-23/1970r0

**Move:** Narengerile

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1970r0
  + SP Result: Unanimous consent

**Motion 467:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3499, 3203, 3477, 3533, 3494, 3307, 3525, 3524, and 3210
  + as specified in doc.: 11-23/1851r2

**Move:** Narengerile

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1851r2
  + SP Result: Unanimous consent

**Motion 468:** Move to approve “Rejected” resolutions to the CIDs:

* + CID: 3413
  + With the following rejection reason: “The commenter has withdrawn the comment”.

**Move:** Benedikt Schweizer

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Motion 469:** Move to approve “Rejected” resolutions to the CIDs:

* + CID: 3468
  + With the following rejection reason: “The commenter has withdrawn the comment”.

**Move:** Benedikt Schweizer

**Second:** Cheng Chen

**Result:** Motion passed by unanimous consent

**Motion 470:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3484
  + as specified in doc.: 11-23/1828r2

**Move:** Cheng Chen

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1828r2
  + SP Result: Unanimous consent

**Motion 471:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3356, 3358, 3377, 3412, and 3467
  + as specified in doc.: 11-23/2071r2, “LB276 CR on sensing measurement reporting”.

**Move:** Dong Wei

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/2071r2, “LB276 CR on sensing measurement reporting”.
  + SP Result: Unanimous consent

**Motion 472:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3227, 3228, 3239
  + as specified in doc.: 11-23-2083r1

**Move:** Assaf Kasher

**Second:** Donggug Lim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23-2083r1
  + SP Result: Unanimous consent

**Motion 473:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3472 and 3535
  + as specified in doc.: 11-23/1941r0, “LB 276 CR for CIDs 3472 and 3535”.

**Move:** Mahmoud Kamel

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1941r0, “LB 276 CR for CIDs 3472 and 3535”.
  + SP Result: Unanimous consent

**Motion 474:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3155
  + as specified in doc.: 11-23/2057r1

**Move:** Ali Raissinia

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/2057r1
  + SP Result: Unanimous consent

**Motion 475:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3297 3296 3062 3334 3063 3207 3320 3322 3537 3299 3302 3304 3343 3010 3354
  + as specified in doc.: 11-23/1869r1, “LB276 reporting cid resolution”.

**Move:** Chris Beg

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1869r1, “LB276 reporting cid resolution”.
  + SP Result: Unanimous consent

**Motion 476:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs 3161, 3189 and 3515
  + as specified in 11-23/1791r1

**Move:** Rui Du

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1791r1
  + SP Result: Unanimous consent

**Motion 477:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs 3516 and 3517
  + as specified in 11-23/1918r1

**Move:** Rui Du

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1918r1
  + SP Result: Unanimous consent

**Motion 478:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs 3199 and 3422
  + as specified in 11-23/1946r1

**Move:** Rui Du

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1946r1
  + SP Result: Unanimous consent

**Motion 479:**

Believing that the PAR contained in the document referenced below meets IEEE-SA guidelines,

Request that the PAR contained in 11-23-2095r0 be posted to the IEEE 802 Executive Committee (EC) agenda for EC approval to submit to NesCom, granting the WG chair editorial license.

**Move:** Cheng Chen

**Second:** Ali Raissinia

**Preliminary Result:** Y/N/A: 27/0/2

**Result\*:** Y/N/A: 27/0/2, motion passes

**Note：**

* + \* Amended result accounts for removal of 0 votes of non-voting members.
  + Related document 23/2095r0
  + SP Result: 20Y/4N/9A

**Motion 480:**

Believing that the CSD contained in the document referenced below meets IEEE 802 guidelines,

Request that the CSD contained in 11-20-0042r6 be posted to the IEEE 802 Executive Committee (EC) agenda for EC approval, granting the WG chair editorial license.

**Move:** Cheng Chen

**Second:** Ali Raissinia

**Preliminary Result:** Y/N/A: 25/0/2

**Result\*:** Y/N/A: 25/0/2, motion passes

**Note：**

* + \* Amended result accounts for removal of 0 votes of non-voting members.
  + Related document 20/0042r6

1. Presentation of submissions

**11-23/1879r2, “LB276 CR for SR2SI Sounding Trigger frame”, Dongguk Lim (LGE):** This submission proposes the resolutions for following 5 CID

* 3195, 3292, 3293, 3294, and 3337

Dongguk has presented r0 earlier this week and goes through the updates.

CID 3292: The proposed text is slightly updated based on feedback from the group.

CIDs 3293, 3294, and 3337: The proposed text is slightly updated based on feedback from the group.

It is decided that some more work offline is needed.

**11-23/1949r1, “Resolutions for Comments Related to 320 MHz Sensing in LB276”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in LB276 under Exchange topic. They are all related to 320 MHz sensing. The CIDs are referring to D2.0. The text used as reference is D2.1. CIDs: 3349 3350 3351 3352 3367 3538.

CIDs 3349, 3350, 3351, 3352, 3367, and 3538: Some clarifying discussion. Based on the discussion it is decided that some more checks need to be done offline.

As a result of that more work is needed, the SP is deferred.

**11-23/1989r0, “Resolutions for CID 3298 and 3318”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in LB276 under Exchange topic. The CIDs are referring to D2.0. The text used as reference is D2.1. CIDs: 3298 3318

CIDs: 3298 and 3318: Rather lengthy discussion about the different options presented in the document.

Run out of time.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 12:34 pm.

### Thursday, November 16, 2023, 8:00 am-10:00 am

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-1717-10-00bf-tgbf-meeting-agenda-2023-11-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 November Plenary
8. Any other business?
9. Recess
10. The chair, Tony Xiao Han, calls the meeting to order at 8:01 am (30 persons are on the call after 20 minutes of the meeting, 16 persons are in the room).
11. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the September Interim 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 standards activities shall allow the fair & equitable consideration of all viewpoints” (slide 15), and “Required notices” (slide 16).

The chair goes through the agenda (slide 22) and asks if there are any questions or comments on the agenda. 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 25).
2. The chair presents slide 27, Call for contributions.
3. The chair presents the teleconference times (slide 29) and preliminary January f2f times.
4. The chair presents Guidance for Mix mode November Plenary meeting (slide 31).
5. Presentation of submissions

**11-23/1879r3, “LB276 CR for SR2SI Sounding Trigger frame”, Dongguk Lim (LGE):** This submission proposes the resolutions for following 5 CID: 3195, 3292, 3293, 3294, and 3337.

Dongguk presented r0 yesterday and goes through the updates.

Based on feedback from the group, the text in the proposed resolutions is slightly updated.

**Straw Poll**: Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 3195, 3292, 3293, 3294, 3337 in 11-23/1879r4?

**Result:** Unanimously supported.

**11-23/1949r2, “Resolutions for Comments Related to 320 MHz Sensing in LB276”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in LB276 under Exchange topic. They are all related to 320 MHz sensing. The CIDs are referring to D2.0. The text used as reference is D2.1. CIDs: 3349 3350 3351 3352 3367 3538.

Cheng presented r1 yesterday and goes through the updates.

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

**Result:** Unanimously supported.

**11-23/1989r0, “Resolutions for CID 3298 and 3318”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in LB276 under Exchange topic. The CIDs are referring to D2.0. The text used as reference is D2.1. CIDs: 3298 3318

Q: I believe we should at this time reject the comments and work more to address this problem. Basically, we will not be able to find a solution now that all are happy with.

As a consequence, Cheng updates the proposed resolutions for the two CIDs to reject and updates the documents to r1.

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

**Result:** Unanimously supported.

**11-23/2070r1, “LB276 CR for CID 3338”, Dong Wei (NXP):** This document aims to resolve the following LB276 comment: CID 3338.

CID 3338: No discussion.

**Straw Poll:** Do you agree to the resolution provided in the document 11-23/2070r1for CID 3338?

**Result:** Unanimously supported.

**11-23/2096r0, “LB276 CR for CID 3178”, Dong Wei (NXP):**

This document aims to resolve the following LB276 comment: CID 3178.

CID 3178: Some clarifying discussion.

**Straw Poll:** Do you agree to the resolution provided in the document 11-23/2096r0for CID 3178?

**Result:** Unanimously supported.

**11-23/2093r1, “LB276 CR on capability of sensing measurement reporting”, Dong Wei (NXP):** This document aims to resolve the following 16 LB276 CIDs related to the capability of sensing measurement reporting: 3079, 3080, 3086, 3088, 3090, 3098, 3099, 3101, 3102, 3103, 3104, 3106, 3127, 3139, 3140, and 3141.

Based on feedback from the group, the text related to why the resolution is reject is modified.

**Straw Poll:** Do you agree to the resolutions provided in the document 11-23/2093r2for the following CIDs: 3079, 3080, 3086, 3088, 3090, 3098, 3099, 3101, 3102, 3103, 3104, 3106, 3127, 3139, 3140, and 3141?

**Result:** Unanimously supported.

**11-23/2025r2, “Parallel coordinated DMG monostatic sensing over multiple channels”, Yan Xin (Huawei):** Yan presented r1 earlier this week, and based on feedback from the group the document has been updated to r2. Yan goes through these updates.

Q: Do you have the corresponding specification text prepared.

A: Yes, it is in document 11-23/2008.

**Straw Poll:** Do you support the parallel coordinated DMG monostatic sensing over multiple channels mechanism proposed in 802.11-23/2025r2?

**Result:** Unanimously supported.

**11-23/2008r3, “LB276 - Comment resolutions for DMG part 3”, Yan Xin (Huawei):**

This submission includes the resolutions for the following three comments to P802.11bf D2.0: 3331, 3332, 3333

CIDs 3331, 3332, and 3333: Some clarifying discussion.

**Straw Poll:** Do you support the proposed resolutions in this document?

**Result:** Unanimously supported.

**11-23/2082r1, “LB276 CR for Mandatory SBP CIDs”, Benedikt Schweizer (Apple):**

This document aims to resolve the following LB276 CIDs: 3355, 3357, 3370, 3410, 3465, 3466.

CIDs : 3355, 3357, 3370, 3410, 3465, 3466: No discussion.

**Straw Poll:** Do you agree to the resolutions provided in the document 11-23/2082r1for the following CIDs: 3355, 3357, 3370, 3410, 3465, 3466?

**Result:** Unanimously supported.

**11-23/1826r0, “LB 276 CR for CIDs 3395 and 3303”, Mahmoud Kamel (InterDigital):**

This submission proposes resolutions for CIDs 3395 and 3303 in subclause 9.4.2.320 in P802.11bf D2.0.

CID 3395: No discussion.

CID 3303: Q: I prefer Option 1.

Q: I also prefer Option 1.

Some clarifying discussion.

**Straw Poll:** Which option do you prefer in document 11-23/1826r0?

**Result:** Option1/Option 2/Abstain: 12/3/6

Based on the result of the SP, Mahmoud will update the document so that Option 1 is the proposal.

**11-23/2101r0, “LB276 resolutions on remaining comments”, Narengerile (Huawei):**

This document proposes the comment resolution for remaining CIDs 3415, 3137, 3260, 3075, and 3188.

CID 3415: No discussion.

CIDs 3137, 3260: No discussion.

CID 3075: The comment related to the rejection is slightly updated

CID 3188: No discussion.

**Straw Poll:** Do you agree to the resolution provided for CIDs 3415, 3188, 3075, 3137, 3260 in 23/2101r1 to be included in the latest 11bf Draft?

**Result:** Unanimously supported.

Claudio gives a quick update. We have 4 remaining CIDs to resolve.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 10:03 am.

### Thursday, November 16, 2023, 1:30 pm-3:30 pm

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-1717-14-00bf-tgbf-meeting-agenda-2023-11-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 November Plenary
8. Motion (481 - 491)
9. TG Motion: TGbf re-circulation letter ballot
10. Any other business?
11. Recess
12. The chair, Tony Xiao Han, calls the meeting to order at 1:30 pm (25 persons are on the call after 20 minutes of the meeting, 13 persons are in the room).
13. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the September Interim 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 standards activities shall allow the fair & equitable consideration of all viewpoints” (slide 15), and “Required notices” (slide 16).

The chair goes through the agenda (slide 23) and asks if there are any questions or comments on the agenda. 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 25).
2. The chair presents slide 27, Call for contributions.
3. The chair presents the teleconference times (slide 29)
4. The chair presents Guidance for Mix mode November Plenary meeting (slide 31).
5. Presentation of submissions

**11-23/1826r1, “LB 276 CR for CIDs 3395 and 3303”, Mahmoud Kamel (InterDigital):**

This submission proposes resolutions for CIDs 3395 and 3303 in subclause 9.4.2.320 in P802.11bf D2.0.

Mahmoud presented r0 this morning, and based on the received feedback from the group the document has been updated. Mahmoud presents the changes compared to r0.

**Straw Poll:** Do you support the proposed resolutions in 11-23/1826r1?

**Results:** Unanimously supported.

1. Motions

**Motion 481:** Move to approve “Rejected” resolutions to the CIDs:

* + CID: 3503, 3506 and 3509.
  + With the following rejection reason: “The commenter has withdrawn the comment”.

**Move:** Rui Du

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Motion 482:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3349 3350 3351 3352 3367 3538
  + as specified in 11-23/1949r2

**Move:** Cheng Chen

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1949r2
  + SP Result: Unanimous consent

**Motion 483:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3298 and 3318
  + as specified in 11-23/1989r1

**Move:** Cheng Chen

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1989r1
  + SP Result: Unanimous consent

**Motion 484:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3195, 3292, 3293, 3294, and 3337
  + as specified in doc.: 11-23/1879r4

**Move:** Dongguk Lim

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1879r4
  + SP Result: Unanimous consent

**Motion 485:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3338
  + as specified in doc.: 11-23/2070r1, “LB276 CR for CID 3338”

**Move:** Dong Wei

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/2070r1, “LB276 CR for CID 3338”
  + SP Result: Unanimous consent

**Motion 486:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3178
  + as specified in doc.: 11-23/2096, “LB276 CR for CID 3178”

**Move:** Dong Wei

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/2096, “LB276 CR for CID 3178”
  + SP Result: Unanimous consent

**Motion 487:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3079, 3080, 3086, 3088, 3090, 3098, 3099, 3101, 3102, 3103, 3104, 3106, 3127, 3139, 3140, and 3141
  + as specified in doc.: 11-23/2093r2, “LB276 CR on capability of sensing measurement reporting”

**Move:** Dong Wei

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/2093r2, “LB276 CR on capability of sensing measurement reporting”
  + SP Result: Unanimous consent

**Motion 488:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3331, 3332, 3333
  + as specified in doc.: 11-23/2008r3

**Move:** Yan Xin

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/2008r3
  + SP Result: Unanimous consent

**Motion 489:** Move to approve “Rejected” resolutions to the CIDs:

* + CID: 3526 and 3523
  + With the following rejection reason: “The commenter has withdrawn the comment”.

**Move:** Mahmoud Kamel

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Motion 490:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3355, 3357, 3370, 3410, 3465, and 3466
  + as specified in doc.: 11-23/2082r1

**Move:** Debashis Dash

**Second:** Cheng Chen

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/2082r1
  + SP Result: Unanimous consent

**Motion 491:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3395 and 3303
  + as specified in doc.: 11-23/1826r1

**Move:** Mahmoud Kamel

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1826r1
  + SP Result: Unanimous consent

**Motion 492:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 3415, 3137, 3260, 3075, and 3188
  + as specified in doc.: 11-23/2101r1

**Move:** Narengerile

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/2101r1
  + SP Result: Unanimous consent

**Motion:** TGbf re-circulation letter ballot

* Having approved comment resolutions for all of the comments received from LB276 on P802.11bf D2.0 as contained in document 11-23/1394r12,

<https://mentor.ieee.org/802.11/dcn/23/11-23-1394-12-00bf-lb276-comments-and-approved-resolutions.xlsx>

* Instruct the editor to prepare P802.11bf D3.0 incorporating these resolutions and,

Approve a 30 day Working Group Recirculation Ballot asking the question “Should P802.11bf D3.0 be forwarded to SA Ballot?”

**Moved:** Alecsander Eitan

**Seconded:** Rui Du

**Preliminary Result:** Y/N/A:17/0/1

**Result\*:** Y/N/A:17/0/1, motion passes

\* Amended result accounts for removal of 0 votes of non-voting members.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is adjourned without objection at 2:13 pm.