IEEE P802.11  
Wireless LANs

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| IEEE 802.11bf - September 2023 Interim Meeting Minutes | | | | |
| Date: 2023-09-14 | | | | |
| Author(s): | | | | |
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Abstract

Rev 0: This document contains the IEEE 802.11bf September 2023 Interim meeting minutes.

### Monday, September 11, 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/23/11-23-1345-03-00bf-tgbf-meeting-agenda-2023-09-interim.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 September Interim
9. Any other business?
10. Recess
11. The chair, Tony Xiao Han, calls the meeting to order at 10:30 am (38 persons are on the call after 30 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 17) and asks if there are any questions or comments on the agenda. Claudio asks when motions will be run. The chair explains that the plan is to run motions Tuesday pm1 and in the last session.

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 July 2023 meeting to today:

* July Plenary: <https://mentor.ieee.org/802.11/dcn/23/11-23-1284-00-00bf-ieee-802-11bf-july-2023-plenary-meeting-minutes.docx>
* Teleconferences August- September: <https://mentor.ieee.org/802.11/dcn/23/11-23-1460-02-00bf-ieee-802-11bf-teleconference-minutes-august-september-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 22, Call for contributions.
3. The chair presents the teleconference times (slides 23 and 24).
4. The chair presents Guidance for Mix mode September Interim (slide 25)
5. Presentation of submissions

**11-23/1457r1, “Update Sensing NDPA Frame Format”, Ali Raissinia (Qualcomm):**

This document proposes changing the NDPA frame format for TB sensing measurement exchange and its relevant text based on D2.0 to align its behavior to be backwards compatible to 11az TB sequence. The identified issue is the result of AP being an initiator in sensing whereas AP in 11az is a responder hence couple of parameters were included in different subfields within the STA Info field.

The presentation has been presented before but no SP was run to give the group a chance to digest the changes.

Q (Comment/Question): Has it been taken account that this may have impact on the text in Clause 11?

A: No. If you want, I can do this.

Claudio explains that he can take case of this, but would appreciate if someone can verify that he is correct.

**Straw Poll:** Do you agree to support the changes proposed in the document?

**Result:** Unanimously supported.

**11-23/1456r2, “LB276 Comment Resolution for Sensing NDPA Frame Format”, Ali Raissinia (Qualcomm):**  This document proposes comment resolutions for CIDs 3194, 3245, 3246, 3247, 3248, 3284, 3285, 3286, 3287, 3288, 3289, 3290, 3392, 3527, 3528, 3393, 3529, 3531, 3414, and 3469 for NDPA Frame Format based on D2.0.

CID 3393 has been added (transferred from Mahmoud) since the previous revision of the document was presented. More work has been done on CIDs 3414 and 3469.

CID 3393: No discussion

CID 3414 and 3469: Some clarifying discussion related to expiring timer.

Q: I believe the third bullet in the list is not really clear.

A: If you have a suggestion, we can update it.

Some more clarifying discussion to the newly added text.

**Straw Poll:**  Do you agree to resolve the following CIDs listed in the following document and incorporate the text changes in the latest TGbf draft? CIDs 3194, 3245, 3246, 3247, 3248, 3284, 3285, 3286, 3287, 3288, 3289, 3290, 3392, 3527, 3528, 3393, 3529, 3531, 3414, and 3469, in 11/1456

**Result:** Y/N/A: 14/3/10

**11-23/1435r1, “LB 276 CR for Misc Comments”, Rui Yang (InterDigital):**  This submission proposes resolutions for following 8 CIDs received for WG LB276:3000, 3001, 3348, 3374, 3387, 3389, 3390, 3107

CID 3000: Some discussion on the wording. It is decided to keep the original proposed text for the resolution.

CID 3001: No discussion.

CID 3348: No discussion.

CID 3374: No discussion.

CID 3387: No discussion.

CID 3389: No discussion.

CID 3390: No discussion.

CID 3107: No discussion.

**Straw Poll:** Do you agree to support the changes proposed in this document?

**Result:** Unanimously supported.

**11-23/1430r0, “LB276-DMG-CID-set1”, Alecsander Eitan (Qualcomm):**  This document proposes resolution to LB276 CIDs: 3112,3121,3241,3265,3266,3344 & 3345. The changes are relative to IEEE P802.11-REVbf/D2.0, July 2023

CID 3112: No discussion.

CID 3121: No discussion.

CID 3241: No discussion.

CID 3265: No discussion.

CID 3266: No discussion.

CID 3344: No discussion.

CID 3345: No discussion.

**Straw Poll:** Do you agree to support the changes proposed in this document?

**Result:** Unanimously supported.

**11-23/1473r0, “CRs for SBP part1 in LB 276”, Xiandong Dong (Xiaomi):** This submission proposes resolutions for following 10 CIDs received for WG LB276:3137 3153 3154 3187 3190 3258 3260 3261 3308 3427**.** The proposed changes are based on 802.11bf D2.0

CID 3137: No discussion.

CID 3153: No discussion.

CID 3154: No discussion.

CID 3308: No discussion.

CID 3137: Transferred to Naren.

CID 3260: Transferred to Naren.

CID 3187: No discussion.

CID 3190: No discussion.

CID 3258: The resolution is changed to reject.

CID 3261: Changed to reject.

CID 3427: No discussion.

The motivation for the rejection reasons needs to be updated so a r1 of the contribution is needed.

**Straw Poll:** Do you agree to support the changes proposed in revision 1 of this document?

**Result:** Unanimously supported.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 12:19 pm (ET).

### Tuesday, September 12, 2023, 08:00 – 10:00 am

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-1345-04-00bf-tgbf-meeting-agenda-2023-09-interim.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 September Interim
8. Any other business?
9. Recess
10. The chair, Tony Xiao Han, calls the meeting to order at 10:30 am (37 persons are on the call after 30 minutes of the meeting, 11 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 18) and asks if there are any questions or comments on the agenda.

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.
2. The chair presents Call for contributions.
3. The chair presents the teleconference times.
4. Presentation of submissions:

**11-23/1479r0, “Resolutions for Exchange Comments in LB276- Part 1”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in LB276 under Instance topic. The CIDs are referring to D2.0. The text used as reference is D2.0.

CIDs: 3056 3083 3096 3138 3143 3146 3147 3152 3170 3171 3173 3174 3175 3176 3185 3186 3206 3214 3216 3217 3219 3220 3253 3298 3315 3318 3426 3540 3541 3542 3544

CID 3056: Some clarifying discussion related to how to instruct the editor.

CIDs 3083 and 3143: Some clarifying discussion. The proposed resolution is not changed.

CID 3096: No discussion.

CID 3138 and 3147: No discussion.

CID 3146: No discussion.

CID 3152: No discussion.

CID 3170: No discussion.

CID 3171: Based on feedback form the group the resolution is changed from accepted to revised.

CID 3173: No discussion.

CID 3174: No discussion.

CID 3175: No discussion.

CID 3176: No discussion.

CID 3185: No discussion.

CID 3186: Some clarifying discussion. The proposed resolution is not changed.

CID 3206: Some clarifying discussion. The proposed text is slightly updated.

CID 3214: No discussion.

CID 3216: No discussion.

CID 3219: No discussion.

CID 3217: No discussion.

CID 3220: No discussion.

CID 3253: No discussion.

CIDs 3298 and 3318: No discussion.

CID 3315: No discussion.

CID 3426: No discussion.

CIDs 3540, 3541, and 3542: No discussion.

CID 3544: No discussion.

The SP is deferred as some minor editing is needed.

**11-23/1492r0, “LB276 CR for OST CIDs (11.5.1 Sensing Procedure)”, Stephen Sand (German Aerospace Center (DLR)):** This submission discusses resolutions to the following 9 CIDs from LB276 of TGbf D2.0.

The CID list is:

3035, 3036, 3072, 3091, 3095, 3250, 3476, 3482, 3483

CID 3476: No discussion.

CID 3035: No discussion.

CID 3036: No discussion.

CID 3091: Some clarifying discussion.

CID 3072: No discussion.

CID 3095: Some clarifying discussion. More discussion needed.

CID 3482: Some clarifying discussion.

CID 3483: Some clarifying discussion.

CID 3250: No discussion.

The SP is deferred.

**11-23/1473r2, “CRs for SBP part1 in LB 276”, Xiandong Dong (Xiaomi):**

This submission proposes resolutions for following 10 CIDs received for WG LB276: 3137 3153 3154 3187 3190 3258 3260 3261 3308 3427. The proposed changes are based on 802.11bf D2.0

The document has been updated with motivation for why two resolutions were changed to rejected.

**Straw Poll:** Do you agree to support the changes proposed in revision 2 of this document?

**Result:** Unanimously supported.

**11-23/1501r0, “CRs for SBP part2 in LB 276”, Xiandong Dong (Xiaomi):**  This submission proposes resolutions for following 5 CIDs received for WG LB276: 3191 3200 3201 3208 3209. The proposed changes are based on 802.11bf D2.0

CID 3200: There is a comment that there seems to be related CIDs and it would be good to address then at the same time. Some clarifying discussion.

CID 3201: No discussion.

CID 3191: No discussion.

CID 3208: No discussion.

CID 3209: Some clarifying discussion. As a result, it is decided to do more work offline.

**11-23/1502r0, “LB276-DMG-CID-set2”, Alecsander Eitan (Qualcomm):**  This document proposes resolution to LB276 CIDs: 3123, 3406, 3407, 3431, 3433, 3434, 3435, 3438 and 3441.

CID 3123: No discussion.

CIDs 3406 and 3407: The resolution is changed from accepted to revised.

CID 3431: Some clarifying discussion.

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 (ET).

### Tuesday, September 12, 2023, 01:30 – 3:30 pm

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-1345-07-00bf-tgbf-meeting-agenda-2023-09-interim.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 September Interim
8. Motion (408-416)
9. Any other business?
10. Recess
11. The chair, Tony Xiao Han, calls the meeting to order at 1:30 pm (28 persons are on the call after 30 minutes of the meeting, 13 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 19) and asks if there are any questions or comments on the agenda.

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.
2. The chair presents Call for contributions.
3. The chair presents the teleconference times.
4. Motions:

**Motion 408:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3128, 3144, 3151, 3211, 3212, 3280, 3281, 3372, 3388, and 3376
* as specified in document 23/1455r1 LB276 Comment Resolutions for MISC category

**Move:** Ali Raissinia

**Second:** Cheng Chen

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 23/1455r1
* SP Result: Unanimous consent

**Motion 409:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3148, 3149, and 3179
* as specified in document 23/1463r2 LB276 Comment Resolutions for Reporting category

**Move:** Ali Raissinia

**Second:** Cheng Chen

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 23/1463r2
* SP Result: Unanimous consent

**Motion 410:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3000, 3001, 3348, 3374, 3387, 3389, 3390, 3107
* as specified in 11-23/1435r1

**Move:** Mahmoud Kamel

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1435r1
* SP Result: Unanimous consent

**Motion 411:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3112, 3121, 3241, 3265, 3266, 3344 & 3345
* as specified in 11-23/1430r0

**Move:** Alecsander Eitan

**Second:** Cheng Chen

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1430r0
* SP Result: Unanimous consent

**Motion 412:** Move to include the text proposed in the following document into the IEEE 802.11bf draft amendment:

* 23/1457r1 updated sensing NDPA frame format

**Move:** Ali Raissinia

**Second:** Cheng Chen

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 23/1457r1
* SP Result: Unanimous consent

**Motion 413:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3194, 3245, 3246, 3247, 3248, 3284, 3285, 3286, 3287, 3288, 3289, 3290, 3392, 3527, 3528, 3393, 3529, 3531, 3414, and 3469
* as specified in document 23/1456r2 LB276 Comment Resolutions for Sensing NDPA frame format

**Move:** Ali Raissinia

**Second:** Cheng Chen

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 23/1456r2
* SP Result: 14Y, 3N, 10A

**Motion 414:** Move to approve “Rejected” resolutions to the CIDs:

* + CID: 3076
  + With the following rejection reason: “The commenter has withdrawn the comment”.

**Move:** Claudio da Silva

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Motion 415: Move to approve “Rejected” resolutions to the CIDs:**

* CID: 3209
* With the following rejection reason: “The commenter has withdrawn the comment”.

**Move:** Xiandong Dong

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Motion 416:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3153 3154 3187 3190 3258 3261 3308 3427
* as specified in 11-23/1473r2 ‘CRs for SBP part1 in LB 276 ’

**Move:** Xiandong Dong

**Second:** Cheng Chen

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 23/1473r2
* SP Result: Unanimous consent

1. Presentation of submissions:

**11-13/0230r5 “Comment resolution tutorial”, Robert Stacey (Intel):** Robert goes through the tutorial on comment resolution.

**11-23/1479r5, “Resolutions for Exchange Comments in LB276- Part 1”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in LB276 under Instance topic. The CIDs are referring to D2.0. The text used as reference is D2.0.

CIDs: 3056 3083 3096 3138 3143 3146 3147 3152 3170 3171 3173 3174 3175 3176 3185 3186 3206 3214 3216 3217 3219 3220 3253 ~~3298~~ 3315 ~~3318~~ 3426 3540 3541 3542 3544

Revision 0 was presented this morning. Cheng presents the updates that have been made compared to revision 0.

**Straw Poll:** Do you support the proposed changes in this document.

**Result:** Unanimously supported.

**11-23/1501r1, “CRs for SBP part2 in LB 276”, Xiandong Dong (Xiaomi):**  This submission proposes resolutions for following 4 CIDs received for WG LB276: 3191 3200 3201 3208 ~~3209~~. The proposed changes are based on 802.11bf D2.0

Revision 0 was presented this morning and Xiandong goes through the made changes. These include that CID 3209 has been deferred and CIDs 3200 and 3201 have been updated.

CID 3200: No discussion.

CID 3201: No discussion.

### SP: Do you support the resolution to the following 4CIDs and to incorporate the changes proposed in IEEE 802.11-23/1501r1 to the latest 11bf draft for the following CIDs: 3191 3200 3201 3208.

**Result:** Unanimously supported.

**11-23/1502r1, “LB276-DMG-CID-set2”, Alecsander Eitan (Qualcomm):**  This document proposes resolution to LB276 CIDs: 3123, 3406, 3407, 3431, 3433, 3434, 3435, 3438 and 3441.

Revision 0 was presented this morning and Alecsander goes through the made changes.

CID 3123: No discussion.

CIDs 3406 and 3407: No discussion

CID 3431: No discussion.

CID 3433: No discussion.

CID 3434: No discussion.

CID 3435: No discussion.

CID 3438: No discussion.

CID 3441: No discussion.

**Straw Poll:** Do you agree with the proposed resolutions in revision 1 of this document? **Result:** Unanimously supported.

**11-23/1475r0, “LB276 CR for Termination CIDs”, Pei Zhou (TCL):**  This submission proposes resolutions to the following LB276 CIDs.

3169, 3490, 3508, 3065.

The text used as reference is 802.11bf D2.0.

CID 3169: No discussion.

CID 3490: No discussion.

CID 3508: Based on some discussion it is decided to defer this CID.

CID 3065: No discussion.

The chair asks about next the step. The plan is to come back in another session.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 3:33 pm (ET).

### Wednesday, September 13, 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/23/11-23-1345-08-00bf-tgbf-meeting-agenda-2023-09-interim.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 September Interim
8. Motion (417-419)
9. Any other business?
10. Recess
11. The chair, Tony Xiao Han, calls the meeting to order at 10:30 am (39 persons are on the call after 30 minutes of the meeting, 15 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 20) and asks if there are any questions or comments on the agenda.

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 ).
2. The chair presents slide 24, Call for contributions.
3. The chair presents the teleconference times (slides 25 and 26).
4. Motions

**Motion 417:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3191 3200 3201 3208
* as specified in 11-23/1501r1 ‘CRs for SBP part2 in LB 276 ’

**Move:** Xiandong Dong

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1501r1
* SP Result: Unanimous consent

**Motion 418:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3056 3083 3096 3138 3143 3146 3147 3152 3170 3171 3173 3174 3175 3176 3185 3186 3206 3214 3216 3217 3219 3220 3253 3315 3426 3540 3541 3542 3544
* as specified in 11-23/1479r5

**Move:** Alecsander Eitan

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1479r5
* SP Result: Unanimous consent

**Motion 419:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3123, 3406, 3407, 3431, 3433, 3434, 3435, 3438 and 3441
* as specified in 11-23/1502r1

**Move:** Alecsander Eitan

**Second:** Ali Raissinia

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1502r1
* SP Result: Unanimous consent

1. Presentation of submissions

**11-23/1492r1, “LB276 CR for OST CIDs (11.5.1 Sensing Procedure)”, Stephen Sand (German Aerospace Center (DLR)):** This submission discusses resolutions to the following 9 CIDs from LB276 of TGbf D2.0.

The CID list is: 3035, 3036, 3072, 3091, 3095, 3250, 3476, 3482, 3483

Revision 0 of this contribution has been presented and Stephen goes through the changes made.

CID 3091: There is a question whether the CID should be revised rather than rejected. Stephen disagree with the commenter, but has based on the comment made a minor change. It is proposed to check this with the editor.

CID 3095: No discussion.

CID 3482: No discussion.

CID 3483: No discussion.

The Strawpoll is deferred.

**11-23/1475r1, “LB276 CR for Termination CIDs”, Pei Zhou (TCL):**  This submission proposes resolutions to the following LB276 CIDs. 3169, 3490, 3508, 3065.

The text used as reference is 802.11bf D2.0.

Revision 0 has been presented already and Pei presents the update that has been made to CID 3508.

CID 3508: No discussion.

**Straw Poll:** Move to approve resolutions to CIDs 3169, 3490, 3508, 3065,

as specified in doc.: 11-23/1475r1 and incorporate the text changes into the latest TGbf draft.

**Result:** Unanimously supported.

**11-23/1487r0, “LB276 CR for CIDs on Sensing capabilities exchange”, Pei Zhou (TCL):**

This submission proposes resolutions to the following LB276 CIDs.

* 3044, 3045, 3047, 3205, 3339, 3391, 3479.

The text used as reference is 802.11bf D2.0.

CID 3044: No discussion.

CID 3045: Based on feedback from the group, the proposed text in the resolution is updated. After some additional discussion, it is decided to defer the CID.

CID 3047: The CID is deferred as it is unclear what the commenter wants, and it is decided it is better to contact the commenter first.

CID 3391: Some clarifying discussion.

CID 3479: No discussion.

CID 3205: No discussion.

CID 3339: After some discussion, the CID is deferred.

The Straw Poll is deferred.

**11-23/1484r0, “LB276 Resolutions on primitive-related comments – Part 1”, Narengerile (Huawei):** This document proposes the comment resolution for CID 3026, 3027, 3024, 3028.

CID 3026: Some clarifying discussion.

CID 3027: No discussion

CID 3024: No discussion.

CID 3028: No discussion.

**Straw Poll:** Do you agree to the resolution provided for CIDs 3026, 3027, 3024, 3028 in revision 1 of this document to be included in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-23/1486r0, “New primitive for Sensing Measurement Query frame”, Narengerile (Huawei):** This document proposes a new set of primitives to enable the transmission and reception of Sensing Measurement Query frame for the unassociated STAs to perform sensing as sensing responders.

There is a request from the group to get some time to review the document and as a result the straw poll is deferred.

**11-23/1544r1, “LB276 - Comment resolutions for DMG part 1”, Yan Xin (Huawei):**

This submission includes the resolutions for the following five comments to P802.11bf D2.0:

##### 3269, 3270, 3382, 3501, 3502

CID 3269: No discussion.

CID 3270: There is comment from the group that another CID may already have caused a change of the corresponding text. As a result, it is agree to discuss more offline. The CID is deferred.

CID 3382: No discussion.

CID 3501: No discussion.

CID 3502: Comment from group that the proposed change should be moved from after the table to the corresponding table column

**Straw Poll:** Do you agree with the proposed resolutions in r2 of this document for CIDs 3269, 3382, 3501, and 3502 (3270 deferred).

**Results:** Unanimously supported.

**11-23/1575r0, “LB276 CR for Sensing Trigger frame”, Dongguk Lim (LGE):** This submission proposes the resolutions for following 3 CIDs:

* 3532, 3249, and 3291

CID 3532: No discussion.

CID 3249: The resolution is changed from revised from accepted.

CID 3291: No discussion.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 3532, 3249, 3291 in 11-23/1575r1?

**Results:** Unanimously supported.

**11-23/1577r1, “Comment resolution for CIDs 3279 and 3346”, Chaoming Luo (OPPO):** This submission resolves CID 3279 and 3346.

CID 3279: Some clarifying discussion. In particular related to the request to make an addition to 11be D4.0. As a result, it is deferred.

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 12:33 pm (ET).

### Thursday, September 14, 2023, 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/23/11-23-1345-10-00bf-tgbf-meeting-agenda-2023-09-interim.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 September Interim
8. Motion (420-423)
9. Any other business?
10. Recess
11. The chair, Tony Xiao Han, calls the meeting to order at 10:30 am (35 persons are on the call after 30 minutes of the meeting, 16 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.
2. The chair presents Call for contributions.
3. The chair presents the teleconference times.
4. Motions:

**Motion 420:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3169, 3490, 3508, 3065,
* as specified in doc.: 11-23/1475r1

**Move:** Pei Zhou

**Second:** Ning Gao

**Result:** Motion passed by unanimous consent

**Note:**

* Related document 11-23/1475r1
* SP Result: Unanimous consent

**Motion 421:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3026, 3027, 3024, 3028
* as specified in doc.: 11-23/1484r1

**Move:** Narengerile

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1484r1
* SP Result: Unanimous consent

**Motion 422:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3532, 3249, 3291
* as specified in doc 11-23/1575r1

**Move:** Dongguk Lim

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1575r1
* SP Result: Unanimous consent

**Motion 423:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3269, 3382, 3501, 3502
* as specified in 11-23/1544r2

**Move:** Yan Xin

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1544r2
* SP Result: Unanimous consent

1. Presentation of submissions:

**11-23/1492r2, “LB276 CR for OST CIDs (11.5.1 Sensing Procedure)”, Stephen Sand (German Aerospace Center (DLR)):** This submission discusses resolutions to the following 9 CIDs from LB276 of TGbf D2.0.The CID list is: 3035, 3036, 3072, 3091, 3095, 3250, 3476, 3482, 3483

Revision 1 of this contribution has been presented and Stephen goes through the changes made.

CID 3091: No discussion.

**Straw Poll:** Do you support the resolution of the following 9 CIDs and instruct TGbf editor to incorporate the changes into the latest TGbf draft: 3035, 3036, 3072, 3091, 3095, 3250, 3476, 3482, 3483?

**Result:** Unanimously supported.

**11-23/1486r1, “New primitive for Sensing Measurement Query frame”, Narengerile (Huawei):** This document proposes a new set of primitives to enable the transmission and reception of Sensing Measurement Query frame for the unassociated STAs to perform sensing as sensing responders.

Revision 0 has been presented and Naren goes through the made changes.

**Straw Poll:** Do you agree to include the proposed draft text in DCN 23/1486r1 in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-23/1559r1, “Resolutions for SBP Comments in LB276”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in LB276 under SBP topic. The CIDs are referring to D2.0. The text used as reference is D2.0. CIDs: 3306 3504

CID 3306: No discussion.

CID 3504: Some clarifying discussion and as a result a note is added.

The SP is deferred as more off-line discussion is needed.

**11-23/1577r2, “Comment resolution for CIDs 3279 and 3346”, Chaoming Luo (OPPO):** This submission resolves CID 3279 and 3346.

CID 3279 was discussed yesterday, but we ran out of time before the second CID was presented.

CID 3346: No discussion.

**Straw Poll:** Do you support resolutions to the following CID and incorporate the text changes into the latest TGbf draft:3346, in 11-23/1577r2

**Result:** Unanimously supported.

**11-23/1476r0, “LB276 comment resolutions for reporting”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 3077, 3078, 3087, 3378 and 3380.

CIDs 3077, 3078, 3087, 3380, 3378: Some discussion related to terminology and as a result it is agreed to defer the SP and have more discussion offline.

**11-23/1559r2, “Resolutions for SBP Comments in LB276”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in LB276 under SBP topic. The CIDs are referring to D2.0. The text used as reference is D2.0. CIDs: 3306 3504

Cheng has updated the contribution presented earlier this session.

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

**Result:** Unanimously supported.

**11-23/1619r0, “Resolutions for DMG Comments in LB276”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in LB276 under DMG topic. The CIDs are referring to D2.0. The text used as reference is D2.0.CIDs: 3353 3408 3409

CIDs 3353, 3408, 3409: 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.

**11-23/1474r0, “LB276 CR for OST related editorial CIDs”, Atsushi Shirakawa (Sharp):** This submission proposes resolutions for CID 3003, 3004, 3005, 3006, 3032, 3033, 3034, 3068, 3071, 3081, 3093, 3094, 3131, 3213, 3340, 3342, 3398, 3399, 3404, 3480, 3481, 3487 received for TGbf LB276

CID 3093: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3094: The resolution is changed to revised.

CID 3340: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3342: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3398: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3399: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3404: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3480: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3481: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3487: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3131: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3213: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3003: No discussion.

CID 3004: No discussion.

CID 3005: No discussion.

CID 3006: No discussion.

CID 3032: No discussion.

CID 3033: The editor suggests to explicitly write the proposed resolution as an instruction to the editor. As a result, it is proposed to do these changes offline and as a consequence CIDs 3033, 3034, and 3071 are deferred.

CID 3081: Since the proposed resolution is accept, the explicit instruction is removed.

CID 3068: It is agreed by the group that more discussion is needed for this CID.

Atsushi will update the document based on the received comments.

**Motion 424:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3035, 3036, 3072, 3091, 3095, 3250, 3476, 3482, 3483
* as specified in 11-23/1492r2

**Move:** Stephan Sand

**Second:** Naren

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1492r2
* SP Result: Unanimous consent

**Motion 425:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3346
* as specified in 11-23/1577r2

**Move:** Chaoming Luo

**Second:** Ning Gao

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1577r2
* SP Result: Unanimous consent

**Motion 426:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3306 3504
* as specified in 11-23/1559r2

**Move:** Cheng Chen

**Second:** Stephen Sand

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1559r2
* SP Result: Unanimous consent

**Motion 427:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs 3353 3408 3409
* as specified in 11-23/1619r0

**Move:** Cheng Chen

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1619r0
* SP Result: Unanimous consent

**Motion 428:** Move to include the text proposed in the following document into the IEEE 802.11bf draft amendment:

* 23/1486r1 (New primitive for Sensing Measurement Query frame)

**Move:** Narengerile

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 23/1486r1
* SP Result: Unanimous consent

1. The chair asks if there is AoB. No response from the group.
2. The meeting is adjourned without objection at 10:05 am.